



QAD Adaptive Applications

QAD Transportation Execution Release Notes

September 2023

These release notes include information about the latest QAD GTTE (formerly QAD Precision) Transport Execution (TE) features, enhancements, and fixes.

These changes may affect the way that you implement and use QAD GTTE. Review this document before proceeding with any changes to your installation.

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Overview

Current QAD GTTE Transportation Execution Version: S48

Release Date: September 2023

This document contains release notes for the current release, S48. It also contains release notes for earlier releases, from S39 to S47, for information purposes.

QAD GTTE Transportation Execution S48

Introduction

These release notes include information about the latest QAD GTTE Transport Execution fixes and changes. These changes may affect the way you use QAD GTTE Transport Execution.

Application Enhancements

Black Box – Message Changes

- ShipShipment / CreateShipment
- ReprintShipment
- ProcessSPSResponse
 - Return the Payment Method fields for ProcessShipment also.
- ProcessShipment

Black Box – General Changes

There are no changes in this service pack.

End of Day Process

There are no changes in this service pack.

Hazardous Materials

There are no changes in this service pack.

LTL – Check Digits Added

- CNWY (Conway Freight)
- CWNO (Conway Northern Express)
- CWSE (Conway Southern Express)
- XPOL (XPO Logistics)

LTL – Generic Label and Manifest

- The service type code/description on the label is configurable for each carrier.
- The Third Party address is optional for Third Party shipments.

Rate and Transit Time Maintenance

There are no changes in this service pack.

Rating – Legacy Engine (TH structure)

Excel upload (Tiered)

- There are no changes in this service pack.

Engine

- There are no changes in this service pack.

For more information on some of these features, see the Transportation Execution section of the [QAD GTTE online help](#).

Routing Guide

- When applicable, exclusion rule information is now included in the audit file.
- Postal code ranges for GB are now recognizable by the Routing Guide engine using the significant characters only.
- Performance improvements were applied.
- The Routing Guide engine now stops processing when the highest preference services are found with a successful result.

For more information on the Routing Guide, see the Transportation Execution section of the [QAD GTTE online help](#).

General Enhancements

FTP communication

- You can now configure and handle multiple hostkeys in the system values.
- Extra logging is now available for the PSFTP method.

Carrier-Specific Enhancements

This release offers support for a number of additional carrier-specific features.

Aramex

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Atuhora

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Australia Post / Star Track

Communications

- Support for XTTRANSF communication to the carrier API.

Bring

Communications

- Correction for the PLD file name if the shipper account number is longer than 8 digits.

Burd

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Best (US Postal Service)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Canada Post

Engine

- Upgrade to support the latest certified version (v16).

CBL

Engine

- Change to how the Andorra postcodes are handled in the postal routing barcode.

Chronopost

Engine

- The Portugal postal codes are now padded out with leading zeroes.

Label

- The separators on the 2D barcode must be output in Hex on Zebra printers. QAD GTTE TE now supports this requirement.

Services

- Added support for Chrono Precise services.

Dachser

Engine

- Added support for Poland origin.
- Added support for Telephone Delivery Booking accessorial option.
- Extended the routing determination logic.

Communication

- You can now configure a file name prefix to be set for the file name.

Label

- The Ship To contact name is now output if space is available.
- The branch name description is now output even if the branch code is not available.
- Configurable references are now output correctly to the label.

Mapping

- Added support for the handling of lithium battery mapping requirements for ADR shipping.
- Changed where the Ireland postcode is output to the PLD file.

Dachser Spain (Azkar)

Communications

- TE now includes support for WINSCP and SFTP communication to the carrier for end-of-day files.

Mapping

- The system now gets the Parcelshop address from the Hold at Location address instead of Ship To address.

Danske Fragtmaend

Services

- Added support for DOT services.
- Added support for Private Delivery service.

Danx

Services

- Added support for BULKY and STOCK services.

DB Schenker

Engine

- Added support for Belgium origin.

Mapping

- The Consignor Address can now be configured as different from the Pickup Address.

Label

- The code-128 barcode is now GS1-enabled to support the carrier requirement.
- The system now outputs the selected Despatch Date of the shipment instead of the Today date.
- The label now includes the package weight.

DHL eCommerce

Engine

- The system now supports the July 2023 requirements for Dangerous Goods.
- Added support for the calculation of peak surcharges.

DHL MyDHL API

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DHL Freight Nordics

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DHL Paket

Label

- You can now print an additional reference.

DHL Parcel Benelux (API)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DHL Parcel Spain (API)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DHL Parcel UK

Label

- The system now outputs the correct Despatch Date.
- Configurable shipment references are now output correctly.

DHL Parcel Spain (EDI)

Label

- The additional “J” for the barcoded text value is now output.

DHL Parcel Connect

Engine

- The system now includes additional support for shipping to Service Points, including the validation of data through the use of a DHL Parcel Connect API call.

DHL Express / Time Definite (EDI)

Engine

- Extended the integration to support US origin.
- Performance improvements were applied to the engine.

Mapping

- Added support for both gross and net weight mappings for the commodity information.

DHL Express (XML PI)

Communication

- The system now allows the use of XTTRANSF to communicate with the carrier API.

Engine

- You can now specify a master currency for the BBX master shipment, and convert all child shipment values to this currency.
- The system now parses out and stores the dimensional weights of the packs.
- Performance improvements to the processing of this integration were implemented.

Mapping

- The system now maps an insured value for schema v10.
- Additional field mappings required for Paperless Clearance are now supported.
- The system now maps the net weight of items, when available.
- Now, the Exporter can be different from the Shipper.

- The system no longer reformats or blanks out the Ireland postcode.
- A change was introduced to comply with DHL's requirement for the mapping of the Master and Child account numbers to the DHL API integration request for BBX processing.

DPD (Meta API)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DPD Poland

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DPD UK

Label

- The system now outputs the Carbon Neutral statement on the label for destinations of GB, Jersey, Guernsey, Isle of Man, Northern Ireland, and the Republic of Ireland.

Services

- Added support for Swap-It services.

DSV

Engine

- Added support for Belgium origin.

Mapping

- The system now supports the population of the SSCC number and Waybill number from an external application.
- An alternative Pickup Address can now be mapped based on the selected service.

Services

- Added support for Groupage Before 10:00 service.

EFS

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Europaket Germany

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Endicia (USPS)

Engine

- Now, the end-of-day batches can be split into smaller sub-batches of 1000 shipments/packages, due to constraints on the Endicia back-end for the number of shipments allowed in a SCAN request.

Service

- Added support for the Ground Advantage service.

FedEx

FSMS: Integration

- You can now enable ETD for EU to EU shipments, but suppress the archive/pouch label from printing.
- It's now possible to print the archive/pouch label for DE origin, even when ETD is in use.
- It's now possible to suppress the shipper contact name on the label.
- It's now possible to process multi-piece IPD shipments as a single call to FSMS instead of making a call for each package.
- The system now calculates and stores the dimensional weight for packages for US domestic shipments.

See Carrier Functionality Guide for more details of this carrier.

WebServices: Integration

- Extended the functionality for ETD processing.
- Corrections were made for the FedEx Freight rate calculations.
- Corrections were made for the processing of lithium batteries.
- Corrections were made in the mapping of the Weight field for LineItems in the RATE requests.
- Return shipments can now be future-dated when processed as an Outbound shipment.
- The system now parses the correct transit time for the Smartpost service.
- Added support for Regional Economy service.

FedEx China Domestic (DTW)

Label

- The system now suppresses the Ship To contact name and phone number on the label to meet new carrier requirements.

Geodis (EDI)

Engine

- Revisions were applied for the correct handling of on-the-fly consolidation requirements.
- A change was applied to the structure of the Pickup Number for an end-of-day batch.

Geodis Europe (API)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

GLS Denmark (API)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

GLS Poland (API)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

GLS Spain (API)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

GLS Spain (EDI)

Engine

- The system now supports on-the-fly consolidation.
- The SSCC code is now unique for each package.

Label

- The Return To address can now be used on the label.
- The system now gets the Parcelshop address from the Hold at Location address instead of the Ship To address.

Mapping

- The REFBTO field can now be a configurable value.

GLS US (formerly GSO)

Engine

- Errors are now captured while connecting to the API and the system does not proceed with processing if there are connectivity issues.

ICS Courier

Label

- The system now supports the printing of the special instructions on the label.

K&N Europe

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Loomis

Engine

- The system now supports the latest Loomis API response message schema version.

Nacex Spain

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Optima

Engine

- The system now forces the shipping process to stop if the rating process fails.

Mapping

- The configurable references are now mapped through a different structure in the API request.

Pall-Ex

Engine

- The SOAP API call for Label retrieval was removed and the system now uses the Rest API only.

Mapping

- Added mappings for Tail-Lift and Restricted Access fields.

Paquet Express

Communication

- The system now supports the use of XTTRANSF to communicate with the carrier API.

Post Italiane

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

PostNL

Mapping

- The system now maps the DeliveryAddress field for the Pickup/Drop-off accessorial, only.

Postis

Mapping

- Small changes were made to how addresses are mapped to the Postis API request.

Postnord

Engine

- The system now processes shipments containing lithium batteries correctly based on the carrier's requirements.

Label

- The system now supports the output of a 3rd reference when the space is available.

Mapping

- The system now allows the dimensions to be mapped explicitly from the equivalent GTTE package fields.
- The system now allows different induction addresses to be configurable based on pallet/groupage/parcels into Denmark and Finland.

Services

- Added support for Click-and-Collect service.

Raben

Engine

- Added support for the processing of Lithium Batteries and Dangerous Goods.
- The system now supports a configurable consolidation reference field.

Label

- The Polish text for shipments of non-Poland origin is now removed.
- The system now allows a specific consignor address to be printed on the label.
- The system now outputs the appropriate cargo type based on the packaging type.

Services

- Added support for Early Morning services.

Redur

Engine

- Added support for Service Level Validation and Transit Time calculation.

Seur

Engine

- Added support for Service Level Validation and updated the Transit Time calculation.

SF Express

Mapping

- The contact name and phone number are now mandatory, if configured by the shipper.

SMC3

Engine

- The tracking numbers can now be generated from the GTTE generic tracking number process.
- The Dispatch process can now be switched off.
- The system does not calculate rates for Third Party or Collect shipments.

Swiss Post

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

T-Force

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Transol DDS

Label

- All of the configurable references are now printed on the label.

Mapping

- The system now supports the mapping of a mobile phone number.

TNT Australia

Label

- The system now supports the right-alignment of some of the markers on the label.

TNT Express

Engine

- Added support for Turkey origin for Domestic shipping requirements.
- Added support for Finland origin.
- Added support for Sweden domestic services.
- The outputs of the Canary Islands are treated as Spain for the country code.
- Limited Quantity is not allowed for Air. Instead, it is treated as Hazardous.
- The system includes improvements to the performance of this integration.

Label

- The system supports a PDF version of the offline label.

Rating

- Added support for Peak Surcharge calculation.

TNT France Domestic

Communication

- Better error-trapping on connectivity issues and the extension of error checks to support XTTRANSF as the communication method to carrier routing API.

Mapping

- Added a mapping for an Email Notification indicator.

Toll API

Engine

- Upgraded this integration to the latest supported version used by the carrier.

UPS

Engine

- Updates for the handling of lithium battery requirements were included, especially for mixed lithium battery types.
- The system now allows the processing of UPS accounts with an extended set of supported characters.

Mapping

- An item line with a very large commodity quantity can be split across lines due to Quantity field length constraints.

Rating

- PAK rates are calculated by package instead of shipment.
- All appropriate surcharges are considered in the fuel surcharge calculation.

Wahl

Engine

- Routing determination for Ireland postcodes is now supported.

Label

- The package weight is output to the label.

UPS SCS

Engine

- Added an improved base64 decoding method to replace the older method to ensure that the manifest document is decoded correctly.

Mapping

- The password can contain values up to 64 characters.
- The account number is now passed to the API with leading zeroes.

XPO Spain

Communications

- The system now supports SFTP communication to the carrier for end-of-day files.

Engine

- The variable sequence number section of the tracking number generated for the carrier can now have a higher number of digits.

XPO UK

Label

- The system now prints the ETA Date instead of the Shipment Date.
- The system now outputs additional configurable shipment references to the user-defined markers, if these markers are not already in use.

Mapping

- Additional references can be mapped.
- It's now possible to map the barcode value for the package.

QAD GTTE Transportation Execution S47

Introduction

These release notes include information about the S47 version of QAD GTTE Transport Execution fixes and changes. The current version of GTTE Transportation Execution is S48.

Application Enhancements

Black Box – Message Changes

- ShipShipment / CreateShipment
 - Performance tuning for the creation of shipments with a large number of packages and associated items.
- ReprintShipment
- ProcessSPSResponse
- ProcessShipment

Black Box – General Changes

There are no changes in this service pack.

End of Day Process

There are no changes in this service pack.

Hazardous Materials

There are no changes in this service pack.

LTL – Check Digits Added

- RETL: Check-digit algorithm updated.
- HMES: To use the latest algorithm per RETL/NPME

For a full list of supported LTL check digits, see **Topic 045 - Supported TL-LTL Carriers.xls**

LTL – Generic Label and Manifest

There are no changes in this service pack.

LTL: Processing

Engine

- Set the Master tracking number correctly when on-the-fly consolidation is enabled for the carrier.
- Allow for real-time communication of manifesting data to the carrier FTP site if the carrier is enabled to use a generic PLD file.

Rate and Transit Time Maintenance

There are no changes in this service pack.

Rating – Legacy Engine (TH structure)

Excel upload (Tiered)

- There are no changes in this service pack.

Engine

- There are no changes in this service pack.

For more information on some of these features, see the Administration Guide.

Routing Guide

- Correction for how the routing guide rule is applied for the “Allow Hazmat” criteria, to ensure that the flag check is correctly aligned with the shipment characteristics.
- Performance tuning for the Routing Guide CSV upload process.

For more information on the Routing Guide, see the Administration Guide.

General Enhancements

End-of-day consolidations

- Allow the consolidated shipment to be created in the same client and transaction type as the originating shipments.
- Allow consolidated shipments to be assigned a specific shipment prefix
- Allow consolidated shipments to have a specific rulebook applied against them.

Carrier Specific Enhancements

This release offers support for a number of additional carrier-specific features.

A1 (AIHT) (Need It Now)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

ASM (GLS Spain)

Engine

- Routing determination for Portugal destinations to only use the first 4 digits of the postal code.

Mapping

- Carrier country code to be mapped as 34 for Andorra and Canary Islands.

Services

- Add support for the Exchange accessorial to indicate that the delivered package can be used to initiate the exchange/return of another package.
- Add support for the Parcelshop service.

Australia Post

Engine

- In a Test environment, allow the accounts/credentials to be configured separately from those of the production details.

Mapping

- Changes to how the Lithium Battery information is mapped to the carrier.

Azkar (Dachser Spain)

Integration

- Upgrade the integration to the latest requirements for this carrier.
- See Carrier Functionality Guide for more details on this carrier.

Bartolini

Label

- Allow additional references to be printed.

CBL

Engine

- Routing code search for Portugal destinations now removes the hyphen from the postal code before searching for a record.
- Routing code search for Canary Islands uses Spain country data.
- Allow the tracking number range to be shared across multiple Internal IDs.

Chronopost

Services

- Add support for B2C services.

Chrono Express

Services

- Add support for Post Office Delivery service.

Ciblex

Communications

- Add support for PSFTP communication method.

Services

- Add support for Night service for France domestic.
- Add support for Express service to any EU country.

Collissimo

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Cosi (Germany)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Dachser

Mappings

- Allow an additional segment to be mapped for where a different shipper party is to be invoiced for the freight bill.
- Notifications (email and phone) are now selectable via accessorials for the shipment.
- Allow that the DG information can be outputted per a specific language through MLS (Multi-Language Support) configuration.

Services

- Add support for Targo OnSite service.

DB Schenker

Integration

- Allow that Germany origin now uses SSCC tracking numbers.

DHL eCommerce

Mappings

- Mapping correction for the Harmonised Commodity code field.

Manifest Document

- Align the DSM (Driver Summary Manifest) with the latest carrier requirements.

DHL Parcel UK (formerly UK Mail)

Integration

- Upgrade the integration to the latest requirements for this carrier.
- See Carrier Functionality Guide for more details of this carrier.

DHL Freight

Services

- Add support for Euroline service.

DHL TD

Label

- Suppress the recipient phone number due to GDPR requirements, per DHL request.
- For a country code of IC, print the description as Canary Islands.
- If the Archive label is not suppressed, then print the actual Archive label and not a duplicate of the first package label.
- Do not print a “C” (Customs Cleared) for any Domestic shipments.

Mappings

- Upgrade to file structure of IFCSUM v3.0.

Services

- Add support for Paperless Clearance.

DHL XML PI

Integration

- BBX: Do not allow more than one Master shipment to be open at a time.
- BBX: Allow that we could have a multi-package shipment where the link between parent and child packages is not known.
- Schema v10: Upgrade integration to fully support schema v10 requirements.

DPD

Label

- Output the customs information on the label - indicator of “WPX” and Customs Value.

DPD UK

Integration

- Corrections for the handling of shipments to Isle of Man.
- Do not allow more than the maximum number of packages for the service to be consolidated when using on-the-fly consolidation.

Mappings

- If the package weight is very small, then map it with a minimal value for the “61” segment.
- The mapping of the Process Type field value must be “C” for Interlink/Local services.

DPD France

Label

- Correct the information output for the Caption barcode.

Mapping

- Add support for PLD file structure of IFTMIN 10B.

DSV

Communications

- Add support for PSFTP communication method.

Endicia (for USPS)

Mapping

- No longer map the InsuredNumber field.
- Allow partial ounces to be retrieved to ensure a non-zero mapping.

Rating

- Retrieve values for any previously unmapped accessorial types.

FedEx France Domestic

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

FedEx

FSMS: Integration

- Upgrade the integration to the latest requirements for this carrier for FSMS v20.
- See Carrier Functionality Guide for more details of this carrier.

WebServices: Integration

- Additional changes applied for the support for FedEx Freight services.

Geodis

Communications

- Add support for PSFTP communication method.

Label

- Add support for a label generated by the QAD application instead of using the label returned by the Geodis web-service.

Mappings

- Package dimensions output to the PLD file, when available.

Hellmann Nightstar

Engine

- Correction for the tracking number generation when on-the-fly consolidation is used.

GLS Web Services

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Heppner

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Lone Star (LSO)

Services

- Add support for eCommerce service.

MRW (Spain)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Optima

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Pall-Ex (UK)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Palletways

Mappings

- Map the recipient email address for notifications.
- Round up/down the number of cartons to a whole number.

Parcelforce International (Web Service)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

PGG

Label

- Corrections for the QR-barcode sizing depending on the DPI in use.
- Print the reference number field in a larger font.

Pilot (Spain)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Postnord

Mappings

- Use the Qualifier ACD (Additional Reference Number) instead of CO (Buyers Reference).
- Allow that the Service Point is not mandatory for all services to Finland.
- Force the email address to be mandatory for MyPack Home service.

Postis

Mappings

- Do not force the postcode to be mandatory for Marketplace shipments.
- Find the first non-blank package description when outputting a shipment description for a multi-piece shipment.
- Allow BUCURESTI to be valid as a Sector field value also.

SF Express

Label

- Allow space for the printing of longer PRO code values.

SMC3

Mappings

- Make the recipient email optional instead of mandatory. Map the recipient email with the shipper email address if there is no recipient email address available.

Rating

- Correctly determine the base freight charge, which is not always returned in the same field in the response message from SMC3.

SUSA

Communications

- Allow for a more configurable PLD filename convention.

Services

- Add support for further services.
- See Carrier Functionality Guide for more details of this carrier.

TCS (France)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

TIPSA (Spain)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

TNT Australia

Integration

- Allow the use of shipper-supplied SSCC numbers instead of system-generated tracking numbers.
- Make the 2-digit identifier used by the PLD file and Label and Routing request consistent in all places.
-

Mappings:

- Correction for the mapping of the “H” section for multi-piece shipments as the information for all pieces was not being mapped.

Label

- Correction to the total shipment weight printed for a multi-piece shipment.
- Allow for the printing of configurable shipment references.
- Print the recipient contact name if there is enough space for it.

TNT Express

Engine

- Ensure that the correct transport mode (AIR or ROAD) returned by TNT for a service is applied to the mapping and labeling of the shipment, particularly in the context of DG and Lithium Battery shipping.

Communications

- Allow that the PLD destination directory can be separated by TNT file type.

Connote

- Spread long descriptions across multiple lines on the document.
- Output the third recipient address line, if available.

Mappings

- Corrections for the mapping of weights when lot-based packing is used.

Services

- Support the Turkey domestic service.

TNT Innight

Integration

- Allow for FR (France) as a value destination.
- Extend the limits on the tracking number range, and allow the range to be recycled.

TNT Innight

Rating

- Use a new API for rating requests.

UPS

Dangerous Goods API

- Revisions for the mapping of data for Lithium Batteries.
- Corrections for the handling of multi-piece information as not all package information was being communicated to the API.
- Allow for a UN code to be categorised as “LR” (Lightly Regulated).

Engine

- Support added for new origin countries: Finland, Norway, Spain.
- Additional debug/audit information on timings, and performance improvements, for the use of the UPS Validation Object data.
- Allow the Trade Direct reference to be generated at the time of shipping instead of EOD.

Mapping

- Force the commodity code and unit-of-measure to be mandatory for Worldease and Paperless shipments.
- Dangerous Goods mapping change recommended by UPS Europe.

Label

- Output the address line of the Worldease port to the Maxicode barcode.
- Always output recipient address line 1 to the Maxicode barcode for international shipments.

- Output a DG statement for Limited Quantities shipped via Air.
- Texts for Lithium Batteries for US Ground service to follow similar rules as those applied for EU Standard service.
- Do not output the SSN or EIN on the label unless UPS is filing AES.

Rating

- Corrections for DG calculations depending on whether Excepted/Limited quantities applicable.
- Calculate different Saturday Delivery charge for Standard service.
- Calculate new Remote Area Surcharge for US zip codes.
- Corrections for the Peak Surcharge calculations for different weight ranges.

Wahl (Germany)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

XPO Spain

Communications

- Add support for PSFTP communication method.

Mappings

- Some additional mapping updates based on the latest carrier specifications document.

QAD GTTE Transportation Execution S46

Introduction

These release notes include information about the S46 QAD GTTE Transport Execution fixes and changes. The current version of GTTE Transportation Execution is S48.

Application Enhancements

Black Box – Message Changes

- ShipShipment / CreateShipment
- ReprintShipment
- ProcessSPSResponse
 - Return the updated PackingLocation where this is changed by the Shipping process.
- ProcessShipment

Black Box – General Changes

There are no changes in this service pack.

End of Day Process

There are no changes in this service pack.

Hazardous Materials

There are no changes in this service pack.

LTL – Check Digits Added

- NPME: Change of check-digit algorithm.

For a full list of supported LTL check digits, see **Topic 045 - Supported TL-LTL Carriers.xls**

LTL – Generic Label and Manifest

There are no changes in this service pack.

LTL: Processing

There are no changes in this service pack.

Rate and Transit Time Maintenance

There are no changes in this service pack.

Rating – Legacy Engine (TH structure)

Excel upload (Tiered)

- There are no changes in this service pack.

Engine

- Allow for a minimum uplift amount for a cost type (the minimum value to be uplifted).

For more information on some of these features, see the Administration Guide.

Routing Guide

- Allow the Despatch Time instead of the System Time to be used for comparisons for Cut-off times.
- Allow that the initial/start date can be a non-transit date for a carrier, and factor this into the ETA calculation.
- Allow for the SHIPLATESTTIME on a per-carrier basis for the initial/start date, and factor this into the ETA calculation.

For more information on the Routing Guide, see the Administration Guide.

General Enhancements

Direct Injection

- Support for the creation of a Direct Injection master shipment through the end-of-day process, to generate and ship an associated Master shipment.

Carrier Specific Enhancements

This release offers support for a number of additional carrier-specific features.

ATS

Communication

- Support for end-of-day file transmission through the WinSCP method.

Australia Post

Engine

- Update the Manifested/Sent flag on the end-of-day batch after successful communication with the carrier back-end.
- Publish the manifest file returned from the carrier back-end so that this can be returned through the black-box response message.
- Correctly parse the Shipment-summary charges versus the Package-charges returned from the carrier back-end.
- Extend the retry functionality to allow a customisable number of retries and retry pause periods.

Mapping

- The dangerous goods information for the shipment is now mapped, when applicable.
- Allow the Australia Post product IDs to be mapped as a customisable matrix of values.
- Correction for how the Special Instructions are mapped.

Bring

Communication

- Remove the ASCII command when the communication method is PSFTP.

Canada Post

Mapping

- Ensure that invalid or missing recipient phone numbers are not mapped.

CAT Groupe

Engine

- A new check-digit algorithm has been added for tracking number generation.

Dachser

Engine

- Use the significant characters of the Northern Ireland postal code when running the rating zone determination.

Danske Fragtmaend

Mapping

- Allow configurable references to be determined correctly.

Label

- Allow configurable references to be printed.

Day & Ross

Engine

- Allow the routing determination failure to be a Warning instead of Fatal error.

Manifest

- Print the tracking numbers in ascending order.

DB Schenker (EMEA origin)

Mapping

- Do not output question marks at the end of a data segment in the PLD file.
- Truncate the package description field for long values.

DHL – Express (SAS Version, US Origin)

Communication

- Allow the use of PSFTP to send the end-of-day files.

Rating

- Allow BBX service to be rated successfully.

DHL – Day Definite (Non-US)

Engine

- Support for DHL Freight service for France domestic.

DHL – eCommerce (US origin) [formerly DHL Global Mail]

Certification

- Both the Domestic and International integrations brought up the latest specification version. See the Carrier Functionality Guide for full details.

DHL – Parcel

Label

- Allow a Return tracking number to be present in PDF-417 barcode for each Outbound label for Parcel Connect service.

DHL – Time Definite (non-US)

Engine

- Routing determination to work for CMX and WMX services also.

DHL – XML PI Integration

Engine

- Support for the XPD (Express Envelope) service has been added.

Mapping

- Weight mappings to be consistent between Shipping and Rating requests.
- Allow very small rounding issues to be ignored in customs value comparison.
- Allow that an explicit customs value can be mapped if we do not map the item lines.
- Do not output Duty Payment Method or Duty Account fields when the service is not dutiable.
- Shipping to Canary Islands not to be treated as an intra-EU movement, and must have appropriate customs clearance mappings.

Label

- Align the printing of package and shipment weight values with DHL requirements.
- Apply a precedence to the Features so that these will print in a specific sequence in the Feature section.

Rating

- Allow for Third Party rates to be retrieved, if the shipper owns the Third Party account.
- Allow for Saturday Delivery to be considered in the rate retrieval.

DPD EMEA

Communication

- Correction for connectivity issue when regular PLD file and HAZINFO file are both being communicated to the carrier for the EOD batch.

Mapping

- Do not output the Insurance Value field if the value is zero.

DPD UK (formerly Parceline)

Label

- Allow a different Return To address to be printed.

DSV Xpress

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

FedEx

FSMS: Engine

- Correct the ETA times for services where we add 12 hours (do not add 12 hours for 12:00PM)
- Allow future-dated IPD shipments to be blocked from processing.

FSMS: Mapping

- Corrections for the mapping of Limited Quantity shipments for Ground service.
- Smartpost services to have the same dangerous goods constraints as Ground service.
- Ensure that a Dry Ice shipment has at least one package with a non-zero Dry Ice weight present.

WebServices: Engine

- Correctly pass the discount to customer rates, when configured to pass discounts.

Geodis

Engine

- Allow newer routing data structure to be referenced for routing determination.

Mapping

- The product/service code of CXI is now mapped as NTX instead, per carrier request.

GLS

Engine

- Additional auditing added for tracing connectivity issues when they might occur.

GLS US (formerly GSO - Golden State Overnight)

Integration

- This has now been re-branded as GLS
- Allow for REST integration instead of SOAP.
- Allow for Routing determination for QAD GTTE-generated label when using SOAP integration.

Hermes (UK origin)

Engine

- Support for Brexit added for shipping outside of UK Mainland.

Label

- Barcode changed to code-128 symbology.
- Client name printing on the label can be different.
- PDF-417 barcode content changes.

Kuhne & Nagel (K&N)

Engine

- Add support for on-the-fly consolidation of shipments.

Lone Star (LSO)

Label

- Correction for the reference value printed.

Midland Couriers

Engine

- Additional information retrieved from the routing data and used as the zone for rating.

Label

- Change in the code-128 codeset used for the barcode, to allow the full barcode to be printed when non-numeric characters are present.

Nightline Ireland

Engine

- Allow support for the UPS label when returned from the carrier API.

Nox Nachtexpress Germany

Mapping

- Additional mapping for Order Reference in the SID segment.

Parcelforce

Label

- Correct the shipment reference output.

PGG

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Postis

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

PostNord

Engine

- Add support for on-the-fly consolidation of shipments.

Mapping

- Do not apply Optional Service Point to MyPack Home service.
- Do not output Partner Reference to the NAD+CN segment.

Purolator (Legacy – US origin)

Note This integration is now retired.

Purolator (New World - V9)

Label

- Allow for the printing of a configurable description at the bottom of the label.
- Limit the second address line length to 25 characters for the PDF-417 barcode content.

Raben

Engine

- Add support for on-the-fly consolidation of shipments.

Label

- Allow for a QAD GTTE-generated version of the label instead of the Raben-generated version.

SF Express (Singapore)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

SMC3

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

TNT – Express Label and Unicom

Engine

- Allow the URL to TNT back-end to be configurable.

- Ensure that the correct tracking number is stored in the Master Tracking Number field for intra-UK shipments.

Mapping

- Changes for the values to be output for different types of Dangerous Goods.

Label

- Changes for the values to be output for different types of Dangerous Goods.

Rating

- Calculation functionality added for charges for Insurance, Brexit, Exceeds Dimensions and Non-Conveyance.

TNT – Express Manager version

This carrier is no longer supported for new implementation of accounts.

TNT – iConnections version

This carrier is no longer supported.

TNT – Australia

Communication

- Allow the use of PSFTP to send the end-of-day files.

Transol DDS

Mapping

- Map the recipient contact email field.

UB Send

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

UPS

Dangerous Goods API

- Correct the Regulation Set mapping for US Ground shipments.

- Convert weights of LB to KG for IATA mappings, when required.
- Changes for the handling of Lithium Battery mappings.

Engine

- Allow Worldease port determination for GB postcodes.
- Some corrections applied for Additional Handling limits.
- Allow the NA1 service to be used by Worldease.
- Corrections for transit times for Saturday Delivery shipments.

Mapping

- Changes for the handling of Lithium Battery outputs.
- Allow the commodity data to be consolidated for the WorldEase Master shipment.
- Dry Ice segment to only map for packages with a Dry Ice weight.
- Do not output *GA segments for Not At Home Access Point if the shipment is an Access Point shipment.
- Do not apply postcode lookups for Validation Object for Ireland destination.

Label

- Changes for the handling of Lithium Battery outputs.
- Correction for the reference output for Mail Innovations during reprints of the label.
- Correction for the weight UOM for Mail Innovations label to always be LB.
- Switch off the ZPL command for Maxicode after the barcode is completed, to prevent potential impact to other carrier labels.
- Correction for positioning of the black-square on the Worldease label when using Standard service.

Rating

- Allow rates to be calculated for Mail Innovations services.
- Allowing rating for Monaco to use Domestic zones for France origin.
- Calculation of UK Border Crossing Fee, when applicable.

USPS

MAC Certification retired; no longer supported. Use Endicia integration instead

QAD GTTE Transportation Execution S45

Introduction

These release notes include information about the S45 QAD GTTE Transport Execution fixes and changes. The current version of GTTE Transportation Execution is S48.

Application Enhancements

Black Box – Message Changes

- ShipShipment / CreateShipment
 - Consignee EIN and VAT numbers are now stored in virtual fields on the shipment transaction.
- ReprintShipment
- ProcessSPSResponse
- ProcessShipment

Black Box – General Changes

Locking

- Improvements are made related to error-handling and shipment transaction locking if multiple messages processing the same shipment transaction.
- The scope of locking on the Partner Roles table is reduced if the Partner master data is updated into the database.

End of Day Process

There are no changes in this service pack.

Hazardous Materials

There are no changes in this service pack.

LTL – Check Digits Added

For a full list of supported LTL check digits, see *Topic 045 - Supported TL-LTL Carriers.xls*. This file is available in the *Appendices* zip file on the QAD Document Library.

LTL – Generic Label and Manifest

Label

- The formatting of package dimensions longer than 2-digits is corrected.

Manifest

- Configurators can now remove columns for a carrier.

LTL: Processing

There are no changes in this service pack.

Rate and Transit Time Maintenance

There are no changes in this service pack.

Rating – Legacy Engine (TH structure)

Excel upload (Tiered)

A structure can now be uploaded that contains rating per postal-based and/or city-based zones.

Engine

- Freight upload is extended to include ALL-TYPES or NON-FREIGHT.
- A zero fuel line can be now generated through the fuel uplift process.

Routing Guide

Cut-Off Times

- Different cut-off times can now be applied based on the day of the week.

Estimated Ship Date

- An issue that occurred when calculating Estimated Ship Date due to non-transit days is resolved.
- An issue that occurred when calculating Estimated Ship Date due to cut-off times is resolved.

For more information on the Routing Guide, see Admin Guide.

Technical Enhancements

Content Distribution

Carrier content is moved to .D structure for PSL files.

Void performance

Improved performance for voiding of shipments, especially those with a non-numeric shipment reference.

General Enhancements

Non-Transit Days

- An issue with non-transit day postal code ranges is corrected.

Carrier Specific Enhancements

This release offers support for a number of additional carrier-specific features.

Australia Post

Mapping

- The item/commodity weight value is only mapped if it contains a non-zero value.

ASM

Mapping

- Some recommended adjustments are applied based on carrier feedback to new implementation.
- Reference value is now configurable.

Engine

- A shipment can now be voided from an on-the-fly consolidation.

Bartolini

Communication

- Additional configurable FTP parameters are added.

Engine

- The error message regarding possible city/postcode combinations for routing is reduced in size.

Blue Dart

Rating

- Extended the rating zone logic for new zone types.

Canpar

Mapping

- The COD amount is only output if the shipment Freight Payment Method is set to COD.

Engine

- The full tracking number, including the account number, is now stored in the Tracking Number field.

Label

- Configurable references can now be printed.

Cardinal

Consolidation

- Consolidation no longer defaults to run daily, as the consolidation builds can take longer than one day.

CBL

Label

- The relative pack count for consolidated shipments is corrected.

Chronopost

Service

- Support is added for new service: Chrono13 with no retention.

Correos (Postal)

Communication

- Support is added for WINS CP communication method.

EOD

- Ensured that filename is consistent with Pickup Number.
- Ensured that filename is unique for Pickup Number.

Dachser

Brexit

- Integration is updated to support post-Brexit requirements.

Mapping

- Section II Lithium Batteries is no longer mapped as Dangerous Goods.

Manifest

- Pickup Number is printed on the manifest document.

Rating

- Dangerous Goods charge is not calculated for Limited Quantity, Excepted Quantity, Dry Ice, Biological Substances, or non-DG Lithium Batteries.

Danske Fragtmaend

Communication

- FTP communication method can now be configured using a system value.

Danx

Label

- Special Instructions and configurable reference are now printed.

Day & Ross

New carrier integration. For more information about this carrier, see Carrier Functionality Guide.

DB Schenker (EMEA origin)

Brexit

- Integration is updated to support post-Brexit requirements.

Origin

- Support is added for Denmark and Netherlands as origin countries.

Services

- Services are updated to support new origins. For more information about this carrier, see Carrier Functionality Guide.

Deutsche Post

Mapping

- Decimal requirements are changed for ContentPieceValue field.
- Added SenderTaxID and ImporterTaxID fields.

Engine

- Label requests can now be retried if there is a problem retrieving the label from the carrier's back-end.

DHL – Express (SAS Version, US Origin)

Label

- DG Special Provisions text can now be output, if applicable.

Mapping/Validation

- Recipient EIN requirements for shipping to South Korea are changed.

Rating

- Specific BBX rates are now used for BBX shipments instead of WPX rates.

DHL – Day Definite (Non-US)

Brexit

- Integration is updated to support post-Brexit requirements.

Label

- Dangerous Goods text is not required for ESI and ESU services.

DHL – eCommerce (US origin) [formerly DHL Global Mail]

Label

- Special Provisions text printed on the label is reformatted.

DHL – Parcel

Label

- DHL For You (DFY) PDF-417 barcode size is resized to fit when printed from 203 dpi printers.
- The text printed for Limited Quantities is changed.

Service

- Breakbulk Parcel service is added.
- DHL For You Returns service is added.

DHL – Time Definite (non-US)

Brexit

- Integration is updated to support post-Brexit requirements.

Service

- Canary Islands can now use the same services as EU destinations.
- Support is added for Loose BBX (LBX) service.

Routing

- Routing Determination is corrected to allow Vatican City (VA) to use Italy content.

Validation

- Significant GB postal code characters used for validating Early Morning services are corrected.

DHL – XML PI Integration

Brexit

- Integration is updated to support post-Brexit requirements.

Label

- Dangerous Goods text output is corrected.
- Dangerous Goods Special Provisions text is now output, if applicable.
- Customs value output to the Archive label and Package label are synchronized.
- Customs value can now be suppressed on the QAD GTTE-generated label.

Mapping

- BBX mother reference mapping to the first child shipment is corrected.
- Dangerous Goods and Lithium Battery information mapping is revised.
- Postal Codes are now passed according to the formatting expected by DHL for each country.
- Extended and revised the mappings of commodity information for Paperless Clearance.
- Billable charges are now mapped to DHL for Paperless Clearance requirements.
- Shipment references can now be configured for each packing location.
- Customer specific ship quantity UOMs can now bypass DHL back-end validation for allowed UOMs.
- Aland Islands are now Dutiable.
- Importer of Record with NDS (Neutral Delivery Service) is now supported.

Engine

- Mother shipment for BBX is now limited to 200 lines in line with DHL limitation.
- Dry Ice weight from child shipments are now accumulated onto the Mother shipment for BBX.
- Paperless Clearance with no PDF document is now supported for customers that have an agreement with DHL to transfer the document elsewhere.
- Waybill number is now stored in the Master Tracking Number field.

DPD EMEA

Brexit

- Integration is updated to support post-Brexit requirements.

DPD France

New carrier integration. For more information about this carrier, see Carrier Functionality Guide.

DPD Ireland

Brexit

- Integration is updated to support post-Brexit requirements.

DPD UK (formerly Parceline)

Brexit

- Integration is updated to support post-Brexit requirements.

EOD

- Linefeeds in data are now replaced before outputting prescribed linefeed.
- Quotation marks are now removed from the mapped data before the file is output.

Routing

- Changes applied to the way routing code is output to the manifest file.
- Pseudo-postcode is now used for Ireland destinations to ensure mapping to routing barcode is correct.

DSV

Mapping

- Recommended carrier changes are applied according to specifications from new customer implementation.

Endicia

Mapping

- Account numbers are extended from 7 characters to 15 characters.
- Maximum shipper postal code digits are extended to 10 digits.

Service

- Support is added for new services: First Class Mail Flat and First Class Mail Envelope.
- Support is added for Pay On Use return labels.

Engine

- A fake cancellation can now be used to test back-end as cancel requests are not accepted.

FedEx

FSMS: Label

- Output of Special Provisions text output is reformatted.
- Some Lithium Battery texts can now be suppressed.
- NO-AIR text is now output, if applicable.

FSMS: Mapping

- Dangerous Goods are not mapped if the shipment only contains Dry Ice.
- Dry Ice weight mapping corrections are applied, including conversion to expected UOM.
- Dangerous Goods mapping corrections are applied, including mapping multiple DG codes within the one shipment.
- Lithium Battery mapping corrections are applied, including corrections related to Ground service.
- Longer meter number values are now supported.

FSMS: Engine

- Support is added for the Covid-19 surcharge.

FSMS: Service

- Support is added for Extra Hours services.

Web Services: Mapping

- Mapping of DG information is restructured.

Web Services: Certification

- Certification is revised to meet 2020 requirements (ws26 schema). For more information, see the Carrier Functionality Guide.

FedEx DTW (China Domestic)

Label

- Layout is revised for latest carrier requirements.

Service

- Support is added for: Hold at Location, Signature With Label, and Signature with Document services.

Geodis

Mapping

- Dangerous Goods information can now be mapped.
- Preferred mappings are updated to reflect carrier feedback during customer implementation.

Engine

- XTTRANSF.DLL is leveraged for communication to carrier web-service.
- Error handling during carrier web-service communication is improved.

GLS

Service

- GBP (Global Business Parcel) service is supported for Denmark origin.

Golden State Overnight (GSO)

Label

- Changes are applied for the Signature services.

Mapping

- Changes are applied for the Signature services.

Hellmann Nightstar

Communication

- PSFTP communication method is now supported.

Validation

- New weight limits are applied.

Hellmann (Germany origin)

New carrier integration. For more details about this carrier, see Carrier Functionality Guide.

Hermes (UK origin)

Label

- Child Client Id is output to 2D label, if applicable.

Kuhne & Nagel (K&N)

New carrier integration. For more details about this carrier, see Carrier Functionality Guide.

Lone Star (LSO)

New carrier integration. For more details about this carrier, see Carrier Functionality Guide.

Loomis Express

Manifest

- Document is now published to allow access for black-box processing,

Mapping

- Mapping of package dimensions is corrected.

Engine

- Waybill Number is stored in the tracking number field for tracking purposes.
- TEST and PROD accounts can now be configured separately at one time.

Nippon Express (Japan)

Rating

- Different charge table names can now be used for each service.

Nox Nachtexpress Germany

Manifest

- More room is now available for printing longer configurable references.

Mapping

- EID Value is not mapped if unknown.
- Configurable References can now be output.

OnTrac

Engine

- XTTRANSF.DLL is leveraged for communication to carrier web-service.

Palletways

New carrier integration. For more details about this carrier, see Carrier Functionality Guide.

Parcelforce

Engine

- Mapping, routing, and label are updated to the latest Domestic shipping requirements.

PostNord

Origin

- Support is added for Finland origin.

Purolator (New World - V9)

Certification

- Certification is updated to v9.4.2 integration requirements.

Raben

New carrier integration. For more details about this carrier, see Carrier Functionality Guide.

Redur

Integration

- Changes are applied based on carrier feedback during first implementation.

Sagawa

Label

- Label layout, and label-stock are revised for 2020.

Mapping

- Changes were made based on carrier recommendations.

Seur

Routing

- Changes are applied to the routing determination algorithm to allow new formatted data from the carrier to process 7 digit Portugal postcodes.

TNT – Express Label and Unicom

Brexit

- Integration is updated to support post-Brexit requirements.

Label

- A back-up label with no routing information is now printed if the TNT routing web service is unavailable.

Mapping

- IDE mapping and validation are updated to latest compliance based on new customer implementations.

Rating

- PriceChecker web service call is extended to a later version to allow return of transit times.

Engine

- XTTRANSF.DLL is leveraged for communication to carrier web service.
- Third Party Freight Payment Method is now supported if the account is owned by the shipper.

TNT Express – France Domestic (formerly called Jet Services)

EOD

- Pickup number generation process is corrected for multiple batches on the same date.

Mapping

- Mappings of the DoorCode field are removed.

Engine

- Trapped routing code determination issues to block the processing of the shipment.

TNT Express - Italy

Mapping

- Restriction on the size of the generated consignment reference is now passed to the carrier back-end.

Validation

- Dimension limits for packages are extended.

Engine

- XTTRANSF.DLL is leveraged for communication to carrier web service.

Rating

- Rates returned from the carrier back-end for Express can mean Express or Economy Express.

TPN

Mapping

- Package width can now be mapped.
- Support is added for mapping of Ireland county names.

Engine

- XTTRANSF.DLL is leveraged for communication to carrier web service.

Transol DDS

New carrier integration. For more information about this carrier, see Carrier Functionality Guide.

Trans-o-flex

Service

- Chilled service can now be selected as an accessorial.

Mapping

- A minimum of 0.01 Kg is now mapped for low-weight non-zero ADR values.

Tuffnells

Brexit

- Shipments outside of the UK are now blocked as the back-end no longer supports them.

Engine

- Third Party Freight Payment Method is now supported if the account is owned by the shipper.

UPS

Brexit

- Integration updated to support post-Brexit requirements

Label

- Shipment description is now output to PDF-417 barcode, including for intra-EU shipments.
- Collect account is included in the PDF-417 barcode for the ST (Ship To) party, if applicable.
- Special Provisions text output is reformatted.
- Lithium Battery text is suppressed for some services.
- Lithium Battery label text is corrected.
- Countries that State Code is output to the maxicode barcode for is limited.

Mapping

- In order to avoid duplication of invoice numbers, the source of the Worldease master invoice number is changed.

Validation

- Saturday Delivery for Ground and 3-Day Select is only supported for Residential Shipments.
- Applied a validation for the maximum length of a Surepost package.
- A return shipment cannot be part of a Worldease shipment movement.
- The performance of the Validation Object used to validate service/destination combinations is improved.

Rating

- Support is extended for Peak Surcharge arising from Covid-19.
- Different fuel rates are applied for US International Air and US Domestic Air services.

Worldease

- Longer numeric values can now be printed on Worldease Invoices.
- Worldease movements are blocked from exceeding the maximum number of packages and/or item lines.

Yamato Express

Communication

- PSFTP communication method is now supported.

Other Integrated Carriers

No changes in this service pack.

QAD GTTE Transportation Execution S44

Introduction

These release notes include information about the S44 QAD GTTE Transport Execution fixes and changes. The current version of GTTE Transportation Execution is S48.

Application Enhancements

Black Box – Message Changes

- ShipShipment / CreateShipment
- ReprintShipment
- ProcessSPSResponse
- ProcessShipment

Black Box – General Changes

There are no changes in this service pack.

End of Day Process

There are no changes in this service pack.

Hazardous Materials

There are no changes in this service pack.

LTL – Check Digits Added

- Additions for Nippon Freight Forwarder (NPNF and NPNE)

For a full list of supported LTL check digits, see *Topic 045 - Supported TL-LTL Carriers.xls*. This file is available in the *Appendices* zip file on the QAD Document Library.

LTL – Generic Label and Manifest

- Manifest: If the tracking numbers are different on each package, each tracking number is now printed.

LTL: Processing

There are no changes in this service pack.

Rate and Transit Time Maintenance

- OpenOffice can now be used instead of Excel to upload data.

Rating – Legacy Engine (TH structure)

Excel upload (Tiered)

There are no changes in this service pack.

Engine

There are no changes in this service pack.

For more information on some of these features, see the Admin Guide.

Routing Guide

Engine

- If no rates are returned, but no error is present, the service is shown in the results.

For more information on the Routing Guide, see Admin Guide.

Technical Enhancements

There are no changes in this service pack.

General Enhancements

Transit Times

- Non-transit day determination processing issues are corrected.

Carrier Specific Enhancements

This release offers support for a number of additional carrier-specific features.

Australia Post

Manifest Document

- An error that occurred when initiating the printing of this document is resolved.

Mapping

- Shipper Phone or recipient Phone node is no longer mapped if there is no value present.
- If the recipient Business Name is the same as the Recipient Contact Name it is not mapped.
- Mapping of the Delivery Instructions is corrected.

Processing

- Five attempts are made to retrieve the label from the API back-end.
- Performance time for requests to the API back-end is improved.

ASM

Service

- Added support for the 08:30 service.

ATS

Label

- Delivery Instructions can now be printed.

Validation

- A warning message is displayed when tracking numbers are close to expiring.

Bartolini

Transit Times

- The ETA time for the morning service is updated from 10:00 to 10:30.

Canada Post

Integration

- PSFTP communication method is now supported.

Label and Mapping

- Proof of Age service changes applied.

CBL

Mapping

- Extend the length of the Email address field from 34 to 50 characters.
- Weights rounded to the nearest whole number.

Validation

- Improve the error-trapping for the Connote number generation.

Consolidation

- Consolidation of packages on-the-fly for this carrier integration is now supported.

Label

- Postal barcode content for Gibraltar and Andorra is corrected.

Ceva

Tracking Number

- Consignment ID can now be held in the Tracking number field.

Correos (Postal)

Mapping

- Changes applied to reflect new requirements identified from carrier feedback during new implementation.

Dachser

Mapping

- File version updated to reflect a new carrier requirement.
- Specific mappings added for Lithium Battery requirements.

Danske Fragtmaend

Consolidation

- Ship Date can now be excluded from the consolidation criteria.

Danx

Routing

- Routing data information can now be generated and printed.

EOD

- Corrections for the filename are held locally and the filename is transferred to the carrier.

Errors

- Unique error codes are applied to this integration.

DB Schenker (Germany origin)

Communication

- PSFTP communication method is supported.

Mapping

- Mapping support is extended based on carrier feedback during implementation.

Deutsche Post

New carrier integration. For more information about this carrier, see Carrier Functionality Guide.

DHL – Express (SAS Version,US Origin)

BBX Manifest

- Piece-ID barcode per pack is included on the manifest.

DHL – Paket Services

Label

- The barcode content for Paket Retour service is corrected.

Mapping

- Corrections are applied to the product codes mapped through the EDI file for certain product/shipment characteristic combinations.

DHL – eCommerce (US origin) [formerly DHL Global Mail]

Label

- Support is added to output DG special provisions, when available.
- Support is added to output recipient contact name.

DHL – Parcel

Service

- Support added for Parcel Connect and Parcel Return Connect services.

Validation

- Email address is now mandatory for DHL For You service.

DHL – Parcel (Poland)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DHL – XML PI Integration

Label

- DHL-generated Customs Invoice can now be printed.

Mapping

- Paperless clearance is now supported for DATA as well as PDF.
- Added mapping of the Shipper EORI data.
- Item and commodity information is now combined before mapping to the carrier.
- Dim weight is now only mapped if the value is 0.1 or higher.
- Support for Dangerous Goods requirements is extended.

Processing

- Corrected the QAD GTTE cost types used for holding the charge records to be more appropriate to the cost calculated.

Dicom

Tracking Number

- Check-digit calculation for alphanumeric tracking numbers is corrected.

DPD EMEA

Communication

- PSFTP communication method is supported.

DPD Ireland

Mapping

- EORI number is now optional for the recipient.

DPD Russia

Brexit

- Brexit compliance changes applied to reflect carrier requirements.

Label

- An issue that caused duplication of address line information on multi-piece shipments is corrected.

Mapping

- Changes applied to the way routing code is output to the manifest file.
- Recipients can now be flagged as Business or Residential.

DSV

Services

- Support for new services for Germany origin. See Carrier Functionality Guide for more details of this carrier.

FedEx

FSMS: Label

- Space is added to the Form ID section.
- Ship Date format is changed.
- DG Special Provisions are now output, where applicable.

FSMS: Mapping

- Mapping of general DG information is updated.
- Mapping of Lithium Battery information is updated.

FSMS: Engine

- ETD upload of invoice is now included as part of end-of-day process.

- Dangerous Goods for international must now be processed as separate packages.

Web Services: Mapping

- Mapping of general DG information is updated.
- Mapping of Lithium Battery information is updated.

Geodis

Integration

- Support of Web Service for tracking number and label generation is added.
- Updated manifest file requirements according to carrier specifications.

GLS

Engine

- An issue regarding ampersand character and Codepage that occurred for some countries is resolved.

Hellmann Nightstar

Label

- A routing code formatting change is applied.

Validation

- Changes related to the validation of selected service and weight thresholds are applied.

ICS

Routing

- Corrections to the routing algorithm for depot determination are applied.

Mapping

- Total weight is now output instead of package weight.

Loomis Express

Manifest Document

- An issue related to printing of this document is resolved.

Nox Nachtexpress Germany

Label

- Label no longer outputs the text “Ort:” (Place) in front of the city name.

Mapping

- The software version supported is now output.

Parcelforce

Communication

- PSFTP communication method is now supported.

EOD

- Non-standard characters are now translated to the nearest match Latin character.

Mapping

- Shipper city name mapping is corrected.

Validation

- Added error-trapping for invalid account number structure.

Purolator (New World - V9)

Certification

- Certification is revised for v9.4 integration requirements.

Services

- Support is added for Quickship services. See Carrier Functionality Guide for more details.

EOD

- Purolator Summary Label is now supported.

- The Pickup number is now included in the local filename.

Communication

- PSFTP communication method is now supported.

Redur

New carrier integration. For more information about this carrier, see Carrier Functionality Guide.

Sagawa

Communication

- PSFTP communication method is now supported.

Seur

Mapping

- COD amount is only output if the shipment is flagged as COD payment method.

SF Express

Label

- Shipper accounts can now be hidden for Prepaid shipments.
- QR barcode information is now supported for the PDF version of the label.

TNT – Express Label and Unicom

Integration

- Support is added for IE (Ireland).

EOD

- GB batches are now flagged as domestic for domestic only shipments.

Validation

- A correction is applied for weight/volume restrictions based on UOM conversions.

TNT Express – France Domestic (formerly called Jet Services)

Integration

- Manifest file version and label is upgraded to latest carrier requirements.
- Dangerous Goods processing is now supported.

Trans-o-flex

Integration

- Consignment ID can now be held at the Tracking Number level.

Tuffnells

Consolidations

- Corrections are applied to the criteria of shipments eligible for consolidation.

Label

- A correction is applied to the postal code format on the label.

Errors

- Unique error codes are added for this integration.

UPS

Certification

- Revisions are applied for 2020 recertification with the carrier.

Label

- DG special provisions are now output, if available.

Service

- Italy is now supported as an origin country.

Mapping

- Additional Handling is not applicable for Freight services

Engine

- Validation Object is extended to support countries that use City instead of Postcode.

- Validation Object is not run during EOD file generation.
- Criteria for Heavy packages is reduced from 70lb to 50lb.

Other Integrated Carriers

No changes in this service pack.

QAD GTTE Transportation Execution S43

Introduction

These release notes include information about the S43 QAD GTTE Transport Execution fixes and changes. The current version of GTTE Transportation Execution is S48.

Application Enhancements

Black Box – Message Changes

- ShipShipment / CreateShipment
 - No Change
- ReprintShipment
 - No Change
- ProcessSPSResponse
 - Severity field added to the Errors section.
- ProcessShipment
 - No Change

Black Box – General Changes

- Trap fatal errors in the Routing Assignment process,
- Return warnings with severity even for shipments that process successfully.

End of Day Process

There are no changes in this service pack.

Hazardous Materials

There are no changes in this service pack.

LTL – Check Digits Added

- NPNF - Nippon Freight Forwarding
- For a full list of supported LTL check digits, see Topic 045 - Supported TL-LTL Carriers.xls. This file is available in the Appendices zip file on the QAD Document Library.

LTL – Generic Label and Manifest

There are no changes in this service pack.

LTL: Processing

SMC

- Use the inner packaging weights and freight class, where applicable.
- XTTRANSF is now supported as a communication method to carrier back-end.

Rate and Transit Time Maintenance

There are no changes in this service pack.

Rating – Legacy Engine (TH structure)

Excel upload (Tiered)

- Allows larger numbers of Zones to be specified.

Engine

- For charge tables determined by system value criteria, extend the criteria to support: Accessorials, Package Types, Recipient Country and inverse conditions. Also support the determination of multiple charge tables within a criteria rule.

For more information on some of these features, see the Admin Guide.

Routing Guide

Engine

- If routing assignment would return the same service that is already set on the shipment, and if that service has errors, then capture those errors.

For more information on the Routing Guide, see Admin Guide.

Technical Enhancements

There are no changes in this service pack.

General Enhancements

Dangerous Goods

- Dangerous Goods flag is now retrieved correctly for multi-piece shipments.
- If at least one item in the package is Dangerous Goods, the entire package is treated as Dangerous Goods.

Carrier Specific Enhancements

This release offers support for a number of additional carrier-specific features.

Australia Post

Carrier integration is now migrated to a Web Service. See Carrier Functionality Guide for more details of this carrier.

ASM

No changes in this service pack.

ATS

EOD File

- The filename generated is unique.
- Defined which configurable reference is indicated as the PO reference.

Service

- Appointment Request accessorial is now supported.

Azkar

No changes in this service pack.

Bartolini

Routing

- The matching of synonym city names for routing determination is improved.
- The carrier routing determination requirements are updated.

Blue Dart

No changes in this service pack.

Bpost

No changes in this service pack.

Bring

Carrier integration is now migrated to an EDI integration. See Carrier Functionality Guide for more details of this carrier.

Calberson

No changes in this service pack.

Canada Post

Integration

Carrier integration updated to 2019 requirements. See Carrier Functionality Guide for more details of this carrier.

Canpar

No changes in this service pack.

Cardinal

Mapping

- The mapping of the Pickup Date field is corrected.

Consolidations

- Consolidation of packages for this carrier are now supported.

EOD File

- Generation of Consignee IDs for new destination recipients are now connected.

CAT Groupe

No changes in this service pack.

CBL

Routing

- Routing determination updated to reflect new requirements from the carrier.

Tracking Number

- Support for larger tracking number values is extended.

Ceva

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Chronopost

No changes in this service pack.

Ciblex

Mapping

- Contract codes can now be customized based on shipment characteristics such as service and weight.

City Sprint

XML Mapping

- Carrier requested changes were applied to the barcode and tracking number values.

Error Codes

- Unique error codes are now assigned in the integration.

Correos Express

EOD File

- SFTP communication method is now supported.
- Manifest now automatically prints after EOD file communication.

Mapping

- Minor field mapping changes were applied based on carrier recommendations.

Correos (Postal)

No changes in this service pack.

Couriers Please

No changes in this service pack.

Dachser

Rating

- Rating is based on city if the rating per postal code fails.

Danish Post (Post Danmark)

No changes in this service pack.

Danske Fragtmaend

Mapping

- Width of the Email field is extended.
- Width of the Routing field is extended.

EOD

- File error that occurred when a shipment had more than nine packages has been fixed.

Consolidation

- An issue with the generation of tracking numbers when consolidation is switched on is resolved.
- Dangerous Goods characteristic is now a consolidation criteria.

Label

- The recipient contact is now output on the label if there is enough space.

Danx

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DB Schenker (US Origin) (formerly BAX Global)

No changes in this service pack.

DB Schenker (France origin)

Services

- Pharma services are now supported.

Tracking Number

- SSCC tracking numbers are now supported.

Routing

- Support added for the return of multiple routing codes in the carrier API response.

DB Schenker (Germany origin)

No changes in this service pack.

DHL – Express (SAS Version,US Origin)

Validation

- Weight and dimensions limits for Shipment and Package updated per 2019 requirements.

Mapping

- FTSR value is now determined from the AES field.

Transit Times

- Transit Times that cover all postcodes in a country are now supported.

Labels

- An issue with the Duty/Tax text area on the Archive label is corrected.

DHL – Day Definite (Non-US)

Service

- Saturday Delivery for Parcel and DFY services is now supported.

DHL – Paket Services

Validation

- The postnummer can now be between 6 and 10 digits.

DHL – Express (Non-US, Legacy integration)

No changes in this service pack.

DHL – eCommerce (US origin) [formerly DHL Global Mail]

Transit Time

- Transit Time for a Metro service is now supported.

DHL – Time Definite (non-US)

Brexit

- Support added for GB outside of the EU.

EOD File

- If multiple files are created as part of the EOD file due to split criteria, ensures that all files are communicated successfully to the carrier.

Mapping

- The IFCSUM version is updated in line with DHL BE request.
- Mapping of the CIP delivery term value is corrected.

Validation

- Weight limits for package and shipment are updated to 2019 requirements.

DHL – Domestic Freight (GB)

No changes in this service pack.

DHL – XML PI Integration

Breakbulk

- The Freight Payment Method on the master shipment is now configurable.
- The Duty Account of the Shipper on the master shipment is now configurable.

- A child shipment cannot be assigned to more than one Master shipment.
- An issue with declaring the clearance region for EU shipments is resolved.

Paperless

- Paperless Clearance is now supported.

Mapping

- Larger values can now be mapped to the Quantity field.

Lithium Battery

- Lithium Batteries are now supported as a Special Service.

Validation

- Packages over ninety-nine are no longer restricted.

Brexit

- Support added for GB outside of the EU.

Rating

- URL credentials can now be different for Test and Production.

DHL – ELP Integration

No changes in this service pack.

Dicom

EOD File

- The manifest now prints correctly after the EOD file transmission.

Label

- An issue with the tracking number output on non-interactive labels is resolved.
- Carrier suggested changes were applied.

Direct Freight

No changes in this service pack.

DPD EMEA

Mapping

- Excepted Quantities are no longer listed as Dangerous Goods.

Validation

- Postcode is no longer mandatory for Ireland.

Brexit

- Support added for GB outside of the EU.

Label

- Limited Quantity label can now be suppressed.
- Excepted Quantities are no longer listed as Dangerous Goods.

DPD Ireland

Brexit

- Support added for GB outside of the EU.

XML Mapping

- Updated to support different carrier back-end end-points for Web Service.

DPD Russia

Mapping

- The length of the description field has been extended to 500 characters.

DPD UK (formerly Parceline)

Brexit

- Support added for GB outside of the EU.

Label

- DPD Local is output on the label instead of Interlink.

DSV

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DTDC Express

No changes in this service pack.

eCourier

No changes in this service pack.

Endicia

Web Service

- XTTRANSF is now supported as a communication method to carrier back-end.

Englmayer

No changes in this service pack.

FedEx

FSMS: Certification

- FSMS v18.0x support is upgraded. Label compliance is also affected.

FSMS: Mapping

- Issues with the mapping of Dangerous Goods, Excepted Quantities, and others are resolved.

FSMS: Rating

- Future-dated rating for routing guide shop processing is now supported.

FSMS: Validation

- An error is shown if FedEx Home service is selected without a Residential accessorial.

FSMS: Engine

- A pre-assignment of tracking numbers can now be requested.

Web Services: Transit Time

- An issue with parsing the One Day transit time is resolved.

Web Services: Mapping

- A different Return Address can now be mapped for the label.
- A nominal customs value of \$1 is applied to Letters/Documents.
- Low weights are now rounded up to an appropriate minimum value.

FedEx DTW (China Domestic)

Label

- An issue with the printing of recipient information when there is only one address line was resolved.
- The Dimensional Weight is now output instead of the Volume.
- An issue with the barcode width is resolved.

Geodis

No changes in this service pack.

Geis

No changes in this service pack.

GLS

Communication

- XTTRANSF is now supported as a communication method to the carrier back-end.

GLS Denmark: Tracking Number

- An issue with the validation of the tracking number format is resolved.
- An issue with determining the appropriate tracking number type for Domestic and International is resolved.

GO! (General Overnight)

Communication

- Support for SFTP transmission is extended.

Consolidation

- If the number of packages exceeds ninety-nine, it will be treated as a separate consolidation.

Golden State Overnight (GSO)

No changes in this service pack.

Hellmann Nightstar

No changes in this service pack.

Hermes (Germany origin)

No changes in this service pack.

Hermes - HES division (Germany origin)

No changes in this service pack.

Hermes (UK origin)

Label

- Upgraded to latest label version compliance, where this supports PDF-417 barcode.

ICS

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Integra2

No changes in this service pack.

Itella / Posti

No changes in this service pack.

Jetpak

No changes in this service pack.

Kiala

No changes in this service pack.

Kintetsu Worldwide Express

No changes in this service pack.

Lagermax

No changes in this service pack.

Loomis Express

No changes in this service pack.

LSi Logistik

No changes in this service pack.

Maxi Group

Services

- Urgent service now supported.

Midland Couriers

No changes in this service pack.

Movianto (formerly Healthcare Logistics)

No changes in this service pack.

New Zealand Couriers

No changes in this service pack.

Nightline Ireland

Services

- Parcel Motel service is now supported.

Nippon Express (Japan)

No changes in this service pack.

No Limit

No changes in this service pack.

Nox Nachtexpress Germany

No changes in this service pack.

Nox Nachtexpress Benelux (formerly TNT Innight)

Consolidation

- Consolidation is now enabled.

Validation

- Switzerland, Luxembourg, Hungary, and Denmark are now supported as destination countries.

OnTrac

No changes in this service pack.

Parcelforce

No changes in this service pack.

Paquet Express

No changes in this service pack.

PostNL

No changes in this service pack.

PostNL (Mijnpost)

No changes in this service pack.

PostNord

Label

- Parcel service for non-Nordic destinations now uses the DPD label. The Classic service is now retired.

Services

- Parcel Bulk service is now supported.

Mapping

- The COM segment is associated with the recipient NAD segment.

Purolator (Legacy – US origin)

This integration is retired.

Purolator (New World - V9)

Validation

- Rules for OSNR and Limited Quantity changed based on new carrier requirements.

Puropost

No changes in this service pack.

Royal Mail

Updated carrier integration. This is now upgraded for new carrier web service. See Carrier Functionality Guide for more details of this carrier.

Sagawa

Services

- Timed services are now supported.

Mapping

- Changes were made based on carrier recommendations.

Seibu

No changes in this service pack.

Seur

Mapping

- Upgraded to latest file version supported by the carrier

SF Express

Services

- AutoTransportation service was added.

Mapping

- An issue caused by commas in request field data, which impacted the parsing of response, is resolved.

Label

- Latest label requirements, including new macro layout, is supported.
- The correct account is now output for a Third Party shipment.

Speedlink

Mapping

- Small mapping change recommended by the carrier has been implemented..

Susa

No changes in this service pack.

Swedish Post (Posten)

No changes in this service pack.

TDN

No changes in this service pack.

TNT – Express Label and Unicom

Brexit

- Support added for GB outside of the EU.

EOD File

- Locking scope during the creation of the EOD file is reduced.

Tracking Number

- UK Domestic tracking number is now stored as only 8-digits, with no check-digit.

Service

- Romania origin services are now supported.

Transit Time

- GB domestic transit times are added.

Consolidation:

- Consolidation can now re-use tracking number sequences after the voiding of transactions within a connote.

Label

- “x / 0” now prints instead of “x / C” for consolidated packages, aligned with the TNT requirement.

TNT – Express Manager version

This carrier is no longer supported for new implementation of accounts.

TNT – iConnections version

This carrier is no longer supported.

TNT – Australia

Mapping

- DG principal risk class field mapping is changed.

TNT Express – France Domestic (formerly called Jet Services)

Communication

- SFTP transmission support is extended.

Consolidation

- Consolidation is now supported for this carrier.

TNT Italy

Validation

- Validation added for the dimensions of the packages.

Shipping

- The presentation of suggestions for possible towns communicated from the back-end is improved.

Toll Priority

No changes in this service pack.

Toll XML - Priority / IPEC / NQX

Routing

- Routing code determination is now supported.

Mapping

- Boolean values are now mapped as lower-case due to case-sensitivity on carrier back-end.

Tracking Number

- Connote check-digit calculation applied.

TPN

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Trans-o-flex

Mapping

- Dangerous goods weights are now mapped as Kg.

Validation

- Validate what services allow Saturday Delivery when this accessorial is selected.

Transmission

No changes in this service pack.

Tuffnells

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

UK Mail

No changes in this service pack.

UPS

Brexit

- Support added for GB outside of the EU.

Label

- The version value in the PDF-417 barcode is updated.
- The service code value in the PDF-417 barcode for Saver service is corrected.
- More address lines can now be output for Mail Innovations shipments.
- Updated to reflect latest DG and Lithium Battery requirements.

Service

- South Korea is now supported as an origin country.
- In Room Delivery is now supported.
- Access Points for the following countries are now supported: CZ, IE, MC, PT.

Validation

- New package dimension limits for country AE were applied.

Mapping

- Corrections were made relating to Dangerous Goods for the PLD file. Corrections include Regulation Set, Lithium Battery, etc.

World Ease

- Express Plus service is now supported.
- Multiple clearance ports for the one destination country are now supported.

- 4x6 inch label stock replaces longer pre-printed label stock/
- Master shipments can now be created separately per Ship Date.
- Commodities totals now added to Consolidated invoices.
- Changes applied to the margin space of Consolidated invoices.
- The output of SDT and DDP values in PDF-417 barcode is corrected.

Consolidation

- Letters are now excluded from consideration for consolidation.
- Mail Innovations and Surepost are now excluded from consideration for consolidation.

Direct Feed

- Another method of Paperless Invoice via FTP is now supported as a contract service.

DG API Mapping

- Changes were applied to Dry Ice and Lithium Batteries.

Rating

- Peak Surcharges for International support is added.
- For an Import shipment, if no Import zone is found, and an Export rate table is in use, then the Export zone is used for rating.
- EAS surcharges for Canada domestic are now determined based on postal codes for different cost values.

UPS-SCS (formerly Menlo Forwarding and Emery Forwarding)

Communication

- XTTRANSF is now supported as a communication method to carrier back-end.

UPS SCS Partsflow

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

USPS

MAC Certification is no longer supported. Endicia integration to be used in its place.

Wim Bosman

No changes in this service pack.

XPO (Belgium and Netherlands)

Mapping

- DG field mappings are extended.

XPO Spain

Routing

- Routing determination logic is extended.

Mapping

- Some field mappings were corrected based on carrier feedback during implementation.

XPO UK

No changes in this service pack.

Yamato Express

No changes in this service pack.

Yamato Global Express

No changes in this service pack.

Yodel

No changes in this service pack.

QAD GTTE Transportation Execution S42

Introduction

These release notes include information about the S42 QAD GTTE Transport Execution fixes and changes. The current version of GTTE Transportation Execution is S48.

Application Enhancements

Black Box – Message Changes

- ShipShipment / CreateShipment
 - No change
- ReprintShipment
 - No change
- ProcessSPSResponse
 - Return the Pack Number for the charges (when charge is specific to a package)
- ProcessShipment
 - No change

Black Box – General Changes

- Corrections for the translation of service/carrier code conversions from external codes to QAD GTTE codes.

End of Day Process

There are no changes in this service pack.

Hazardous Materials

There are no changes in this service pack.

LTL – Check Digits Added

Support for Gojit Logi (GOJI) added.

For a full list of supported LTL check digits, see *Topic 045 - Supported TL-LTL Carriers.xls*. This file is available in the *Appendices* zip file on the QAD Document Library.

LTL – Generic Label and Manifest

Routing

- Routing code determination is not required to be available for all destination countries for a carrier that is using routing data.
- Generic routing data can be shared across multiple packing locations.
- Generic routing data can be configured with a Dealer ID.

LTL: Processing

EOD

- Allows a configurable delimited file to be set up for a carrier.
- Allows the batch to be split based on destination country.
- Allows additional parameters to be specified for the transmission of the file.
- Allows SFTP as a communication method for the file.

Rating

Allows configurable charge table name to have Domestic and International as criteria in the determination of the charge table.

Rate and Transit Time Maintenance

Transit time configured to use GB postal codes correctly.

Rating – Legacy Engine (TH structure)

Excel upload (Tiered)

- Allows transit time to be specified.
- Improves the performance time of the upload of data.

Excel upload (Flat File)

- Allows transit time to be specified.

Routing Guide

Engine

- An issue with Required Delivery Date calculation from ETA date is resolved.
- Transit times from carrier can now be specific. Non-transit days should not be considered.
- Allows Shipper Address system value to be leveraged, where applicable.

Technical Enhancements

EOD

This release reduces the transaction scope for the locking of database records when the EOD process is run.

FTP

- Allows SFTP hostkey to be passed as parameter from system values for carrier configuration.
- Invalid FTP commands will now be captured.
- Provides additional logging levels for FTP and SFTP processes

General Enhancements

Lithium Battery

Enhances functionality on which lithium battery types are classified as dangerous goods, and which ones are not.

Dangerous Goods

- An issue with the precedence of records retrieved from UN table, when using combinations of Transport Mode; Product; and UN code, is resolved.
- A shipment item is included for Dangerous Goods consideration if the UN code is present, even if the Dangerous Goods flag is not switched on. The item is classed as an Excepted Quantity by default.

Re-rate

The re-rate option now re-calculates the transit time as well.

Carrier Specific Enhancements

This release offers support for a number of additional carrier-specific features.

Australia Post

Service

Signature Required and Authority to Leave selection now available.

EOD File

- SFTP communication can now be processed.
- Issue with datetime mapping value is resolved.
- Captures errors at shipping and EOD using the same validation.

Label

- Issue with printing Dangerous Goods description information is resolved.

ASM

New carrier integration. See the Carrier Functionality Guide for more details of this carrier.

ATS

New carrier integration. See the Carrier Functionality Guide for more details of this carrier.

Azkar

Document

- This release adds Dangerous Goods to the manifest requirements for this carrier.

Bartolini

EOD File

- EOD filename convention is changed.
- Semaphore file is now used for EOD communication.

Consolidation

- Consolidation functionality is removed because it is no longer available from the carrier.

Routing

- Routing and delivery branch determination algorithm is updated to reflect clarification of the specification requirements.
- Destination hub can be overridden by a Hold At Location hub.
- Additional validation of shipment characteristic limitations; weight and volume, based on carrier routing data.

Rating

- Configurable charge table can now be selected.

Transit Time

- Allows for base transit time engine to be leveraged.

Label

- Tracking number on multi-package is corrected.
- Some label structures are revised.

Manifest

- A formatting issue for the printing of long city names is resolved.

Blue Dart

XML Integration

- Update for use of carrier schema version v1.8.
- Some mapping changes based on Outbound vs Inbound shipment.

Services

- Signature Required can now be selected.

Integration

- Introduces unique error coding for any generic codes in use.
- Prints the PDF document returned by Blue Dart, where applicable.

Label

- Revisions to structure and content of labels.

Bpost

No changes in this service pack.

Bring

No changes in this service pack.

Calberson

No changes in this service pack.

Canada Post

Integration

- Apply the May 2018 requirements changes requested by Canada Post, and go through the Canada Post certification for May 2018, to ensure that the QAD GTTE product is up to date with the latest requirements for this carrier

Validation

- Does not allow maximum dimensions to be exceeded.

Canpar

No changes in this service pack.

Cardinal

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

CAT Groupe

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

CBL

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Chronopost

EOD File

- SFTP communication is now supported.
- Issue with implied decimals for numeric values is resolved.
- Notification name and email address can now be mapped.

Label

- Shipment reference can now be printed

Chrono Express

Rebranded as **Correos Express**. See below for more details of this carrier.

Ciblex

No changes in this service pack.

City Sprint

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Correos Express

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Correos (Postal)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Couriers Please

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Dachser

Label

- France and GB routing data is now output, where applicable.
- Does not print over the city text with the underline.

Services

- Dangerous Goods service is now supported.
- Booked-In service is now supported.

Consolidation

- Consolidation is now supported for this carrier.

EOD

- Allow mapping of the dimensions entered against the shipment
- Value of goods only mandatory for non-EU destination

- SFTP communication is now supported.
- Dachser pickup numbers are extended from 3 to 5 digits.

Rating

- Configurable charge-table can now be defined.

Danish Post (Post Danmark)

No changes in this service pack.

Danske Fragtmaend

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DB Schenker (US Origin) (formerly BAX Global)

No changes in this service pack.

DB Schenker (France origin)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DB Schenker (Germany origin)

No changes in this service pack.

DHL – Express (SAS Version,US Origin)

Validation

- Limits on the weight and size of the package/shipment are revised.
- Dimension limits can now be set as warnings instead of fatal errors.

EOD File

- The size of the Country Name field is extended.

Paperless Clearance

- This release adds User and Password details to the connection URL.
- Country specific documents can be uploaded

Rating

- The correct dimensional rule is found based on the rating record found.

Rating

- New VAS fee codes are supported.
- The correct rating record is always found based on the shipper account number.

Routing

- The performance of the routing determination for countries with large numbers of postcodes is improved.

DHL – Day Definite (Non-US)

No changes in this service pack.

DHL – Paket Services

Services

- Sperrgut service is now supported.
- DHL Retoure service is now supported.
- Identity Check, GoGreen, and Preferred Date/Time services are now supported.

DHL – Express (Non-US, Legacy integration)

No changes in this service pack.

DHL – eCommerce (US origin) [formerly DHL Global Mail]

Services

- Metro services are now supported.
- Lithium Batteries handling is now supported.

Label

- DHL eCommerce is now printed at the bottom of labels.

EOD

- Filenames are not be duplicated when both Domestic and International is used for the one packing location.
- SFTP communication is now supported.

Validation

- The maximum and minimum values allowed for international shipping is updated.

Rating

- Converts dim weight to ounces, where applicable, for billable weight.
- This release allows changes to the zoning determination based on carrier rate structure change.

DHL – Time Definite (non-US)

Services

- DHL For You service is now supported.

Label

- This release corrects Dangerous Goods and Lithium Battery descriptions.

Validation

- The weight limits for shipments and packages is changed for 2018.

EOD File

- SFTP communication is supported.
- This release maps DG and Lithium Battery information.
- This release corrects some Delivery Terms mappings, and the validation of DHL expectations for those mappings.

GLS (Global Label Solution) integration

- This release corrects some mapping issues related to normalized data in city names.
- This release corrects the length of postcodes for the routing determination.

Breakbulk

- New master shipment is created if threshold weight is reached.

Integration

- The License Plate can be stored in the SXTRKNO - package tracking number - field instead of the Waybill number.

DHL – Domestic Freight (GB)

No changes in this service pack.

DHL – XML PI Integration

Label

- BB is no longer printed in the handling block for breakbulk packages.
- Allows split of the printing of Package label and Archive label.

Manifest

- This release allows a paper manifest to be printed as part of EOD process.

XML integration

- Support for Global schema has replaced Regional schemas.
- This release corrects the code for the mapping of Saturday Delivery.
- Residential Delivery mapping is supported.
- Duty Payment method and Delivery Terms can be configured for BBX Master.
- This release does not map duty account for domestic shipments.
- The Quantity field mapping is extended to 6 digits.
- The SiteID field size for longer values assigned by DHL is extended.

Rating

- This release does not return rates if Collect or Third Party is selected.
- Unknown values for rating is no longer stored where no values are present.
- *All* errors returned by the quote/rate process are shown.

Transit Time

- This release improves the auditing messages for investigating issues.
- Non-transit days are considered when calculating the Ship Date.

AES File

- An AES advice file can be communicated to DHL at EOD, if configured.

DHL – ELP Integration

No changes in this service pack.

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Direct Freight

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DPD EMEA

Transit Time

- This release allows generic transit time engine to be leveraged.

DPD Ireland

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DPD Russia

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DPD UK (formerly Parceline)

Services

- Ship To Shop services are supported.

Consolidation:

- Consolidation is supported for this carrier.

Validation

- This release aligns Monaco validation with France validation.

EOD

- SFTP communication is supported in this release.

DTDC Express

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

eCourier

No changes in this service pack.

Endicia

XML Mapping

- Changes to the structure of the SCAN and RefundRequest messages
- Reduce the number of decimals for dimension fields
- Do not map dimensions for Letter services
- Remove “#” symbol from any mapping to prevent issues on Endicia back-end

Integration

- This release allows call to Dial-A-Zip to enhance validation of shipment destination.

Englmayer

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

FedEx

FSMS: Label

- This release allows Ship Date for Returns to be printed.
- Weight value is rounded to two decimals.
- An issue with India origin labels is corrected.
- The human-readable Ground account number
- Bill Sender text is removed from Return labels.
- The payment method text is corrected for Returns.
- Lithium Battery scenarios are no longer treated as Dangerous Goods, where this is not applicable.
- Pouch labels can be suppressed

FSMS: Close

- The EOD batch can be set to successfully closed, even when Fedex server has no records for closing. This can happen if the meter automatically closes for the day.

FSMS: Mapping

- EIN field is extended from 15 to 18 characters.
- Limited Quantity and Excepted Quantities are allowed in this release.
- Lithium Batteries can now be supported.
- Dimension values are rounded before mapping.
- Issues related to the mapping of values for ETD processing are resolved. These include no longer waiting for confirmation for ETD document, and sending email alerts for ETD warnings.
- Shipping to Residential destinations is now supported for Ground US services.
- Rating can be added at any time for Smartpost services, not just at the time of shipping.
- Domestic services supported for origins: Belgium (BE), Mexico (MX), and the Netherlands (NL) are extended.
- This release considers extended packing when determining invoice details for packages.

FSMS: Configuration

- Use of different host and port for rating requests is allowed.

FSMS: Transit Times

- An issue with the determination of US domestic transit times is resolved.

Web Service: EOD

- All documents returned from carrier back-end are printed.

Web Services: Services

- Standard Overnight service is now supported for Canada origin Domestic shipping.
- Netherlands (NL) origin domestic shipping is supported.
- Smartpost services to US Territories are now supported.

Web Services: Mapping

- PNG label format is supported.

- The dimension field values to be mapped are rounded.
- An issue with the Smartpost service code for Parcel Select is resolved.
- The mapping of Dry Ice shipments is corrected.
- Account is not a mandatory field for Collect (Consignee Bill).

FedEx DTW (China Domestic)

XML Mapping

- Postcode entry is no longer a mandatory field.
- References can be mapped to the Remarks field.
- An issue which reversed the mapping of Company Name and Contact Name is resolved.
- Volume field is mapped with Volumetric Weight.
- This release corrects the number of decimals mapped for dimensions, weight, and volumetric weight.

Integration

- This release improves error capture and resolves OpenEdge crashes.
- The handling of multiple tracking numbers in responses is improved.

Geodis

No changes in this service pack.

Geis

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

GLS

Services

- This release supports additional services and accessories. See Carrier Functionality Guide for more details of this carrier.

Technical

- HTTP is now supported. It can be used to post messages to carrier back-end, and to counter issues with proxies. Issues related to behavior of special characters, such as umlauts, are resolved.

GO! (General Overnight)

No changes in this service pack.

Golden State Overnight (GSO)

Label

- A configurable barcode prefix value is now supported.

Hellmann Nightstar

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Hermes (Germany origin)

No changes in this service pack.

Hermes - HES division (Germany origin)

No changes in this service pack.

Hermes (UK origin)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Integra2

No changes in this service pack.

Itella / Posti

No changes in this service pack.

Jetpak

No changes in this service pack.

Lagermax

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

LSi

Communication

- SFTP transmission can be used to pass the hostkey.

Kiala

No changes in this service pack.

Kintetsu Worldwide Express

No changes in this service pack.

Loomis Express

Updated integration based on carriers latest specifications. See Carrier Functionality Guide for more details of this carrier.

LSi Logistik

No changes in this service pack.

Maxi Group

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Midland Couriers

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Mory Group

No changes in this service pack.

Movianto (formerly Healthcare Logistics)

Updated integration based on carriers latest specifications. See Carrier Functionality Guide for more details of this carrier.

New Zealand Couriers

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Nightline Ireland

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Nippon Express (Japan)

No changes in this service pack.

No Limit

No changes in this service pack.

Nox Nachtexpress

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

OnTrac

Label

- Label layout is revised to support PDF-417 barcode.

Parcelforce

No changes in this service pack.

Paquet Express

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

PostNL

Revised carrier integration to use API. See Carrier Functionality Guide for more details of this carrier.

PostNL (Mijnpost)

No changes in this service pack.

PostNord

Label

- The Postnord logo printed is corrected.

EOD File

- The version of the EDI file for Denmark (DK) origin is updated to v5.04.
- SFTP communication method is supported.
- Sweden (SE) origin is revised based on carrier feedback.
- An issue with Returns processing is resolved.

Service

- Innight service and associated routing determination is now supported.
- MyPack Home service is now supported.

Tracking Number

- Issuer code in tracking number is configurable.

Purolator (Legacy – US origin)

This integration is retired.

Purolator (New World - V9)

Purolator integration is upgraded to v9.3 in this release. See Carrier Functionality Guide for more details of this carrier.

Puropost

XML Mapping

- The maximum field size is increased from 50 to 500.

Royal Mail

No changes in this service pack.

Sagawa

No changes in this service pack.

Seibu

No changes in this service pack.

Seur

Services

- The supported services set is extended. See Carrier Functionality Guide for more details of this carrier.

Mapping

- End-of-day file structure is updated, based on carrier feedback.

Routing

- An issue with the routing algorithm for domestic and international destinations is resolved. The routing data for domestic and international separately is held separately.

EOD

- SFTP transmission for communication of file is supported.

SF Express

Integration

- The checkword argument passed in the integration call to carrier back-end is changed.

Speedlink

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Susa

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Swedish Post (Posten)

No changes in this service pack.

TDN

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

TNT – Express Label and Unicom

Label

- The Shipper and/or Recipient contact names are printed, when space is available

- Account number can be hidden.

EOD File

- Hostkeys are configurable for the SFTP transmission.
- Special service code mapping for Biological Substances are supported.
- This release includes minor modifications to text for some Lithium Battery types.

Service

- Domestic services are now supported for Switzerland, and Russia origin.
- Night Express service is now supported for Poland origin.

Consolidation

- This release sets 99 packages as the maximum that can be consolidated on a single shipment.

TNT – Express Manager version

This carrier is no longer supported for new implementation of accounts.

TNT – iConnections version

This carrier is no longer supported.

TNT – Australia

Label

- Label structure is updated to reflect carrier feedback.

Mapping

- EOD file structure is changed to reflect carrier feedback.

TNT Express – France Domestic (formerly called Jet Services)

Label

- This release includes additional recipient address lines.

TNT Innight

Integration

- This release enables the use of a *meaningful* barcode. The meaningful barcode is defined by the unique Ship To location code.

TNT Italy

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Toll Priority

Label

- Label structure is updated to reflect carrier feedback.

Toll XML - Priority / IPEC / NQX

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Trans-o-flex

Label

- Label structure is updated to reflect carrier feedback.

Mapping

- Germany now uses an XML file structure for EOD file instead of a fixed-length text file.

EOD

- SFTP communication is supported.

Rating

- A customised charge table can be configured for this carrier.

Transmission

No changes in this service pack.

UK Mail

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

UPS

Certification for compatibility with 2018 requirements. See Carrier Functionality Guide for this carrier for full details

Label:

- Lithium Battery text for label printing is corrected.
- This release does not map state/province code to maxicode barcode for countries this is not applicable to.
- This release will still map ISO country correctly when a customer selects US as the country code for Puerto Rico.
- Label: Ensure that the number of postal code characters in postal barcode matches that of the number of characters for the postal code in the maxicode
- Label: Round weight for Letters to nearest 0.1 instead of whole number

Rating

- Dimensional weight divisor for United States (US) origin is revised.
- For EU origin countries, this release allows different fuel percentages to be used within the EU and externally.
- Zone support is added for Alaska origin shipping.
- Calculates appropriate dangerous goods charge, relative to Dangerous Goods type.
- This release allows Peak Surcharge calculation for United States (US) origin.
- Zone determination is based on postal code for Australia (AU) origin.
- Consolidation for intra-EU shipments is supported.

Transit Times

- If UPS back-end does not return transit times for a service, this release allows transit times from other services to be used.

Service

The integration now supports:

- Tunisia
- Vietnam

Validation

- This release corrects issues related to handling of Validation Object validation data.
- List of Access Point countries supported is extended.
- Lithium Battery type usage is validated.

World Ease

- Consolidated invoice layout is changed in this release.

EOD

- This release allows HTTPS communication to leverage proxy settings.
- FTP and SFTP communication is supported, on carrier request.

Integration

- Allows integration with DG Pre-Notification, and Pre-Validation APIs.

UPS-SCS (formerly Menlo Forwarding and Emery Forwarding)

Mapping

- The handling of DDU delivery term is changed.

USPS

MAC Certification is no longer supported. Endicia integration to be used in its place.

Wim Bosman

No changes in this service pack.

XPO (Belgium and Netherlands)

Routing

- INSEE and Depot routing determination is improved.

Mapping

- This release allows Dangerous Goods information to be output to the EOD file

XPO Spain

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

XPO UK

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Yamato Express

Label

- This release extends the Time Zone 20:00 - 21:00 to 19:00 - 21:00.

Yamato Global Express

No changes in this service pack.

Yodel

No changes in this service pack.

QAD GTTE Transportation Execution S41

Introduction

These release notes include information about the S41 QAD GTTE Transport Execution fixes and changes. The current version of GTTE Transportation Execution is S48.

Application Enhancements

Black Box—Message Change

- ShipShipment/CreateShipment
 - UPSProactiveResponse is now permitted as a possible accessorial.
 - The city field for the Party can now be interpreted as a city code instead of a city name. This functionality is controlled by the BLACK BOX: USE CITY AS CODE system value.
 - Master data can be retrieved from the Partner records and stamped onto the partner address override records where the Party's ID field only is referenced in the Party records.
 - A specific source value (field XMSHDR0.SHSSRC) can be controlled through a system value BLACK BOX: SHIPEXTERNAL SHSSRC. If the system value does not exist, then the source value is set to R.
 - The OtherReference field is now 30 characters in length. Previously, the field was 18 characters in length.
- ReprintShipment
- ProcessSPSResponse
- ProcessShipment
- CarrierPickupRequest/CarrierPickupCancelRequest/CarrierPickupAvailabilityRequest

These messages are new messages for the generic integration management of Carrier Pickup functionality. While these messages provide a general means of integrating with the QAD GTTE application for different carriers, separate underlying integrations are required with the individual carriers to allow communication to the carrier back-end.

These messages provide support for Carrier Pickup integration for the FedEx carrier.

Black Box—General Changes

- The application now ensures that the locale is set correctly if it is provided through a black-box message.
- An additional plug-in point called BEFORE-RESPONSE-SECTION allows customized logic to be deployed for customer implementations.
- A quote (rate-shop) shipment transaction can be deleted even if there is an error during the rate- shopping process.
- If the login client value is corrupted within the black-box listener programs, the system indicates a catastrophic failure error to prevent any data being written incorrectly to the database.
- The application now supports a MIME type called CSV for the attachment responses.

End of Day Process

There are no changes in this service pack.

Hazardous Materials

There are no changes in this service pack.

LTL—Check Digits Added

There are no changes in this service pack.

For a full list of supported LTL check digits, see *Topic 045 - Supported TL-LTL Carriers.xls*. This file is available in the *Appendices* zip file on the QAD Document Library.

LTL—Generic Label and Manifest

Routing

Routing data can be uploaded for generic carriers, based on option LTLROU. This routing data can be output to the generic LTL carrier label.

Macro

A customized macro can be defined in a system value, which leverages the generic base document program. This may be used for carriers with a specific label layout that is not included in the base application. The system value is [carrier]: LTL MACRO NUMBER.

LTL—Processing

EOD

- Supports the EDI 204 file for sending EOD data to carrier
- Includes corrections and extended mappings for EDI 211 format file
- Supports the XML format file for sending EOD data to carrier

Rating

This release includes logic to determine the appropriate charge table to select for the shipment, based on the [Carrier]: [Internal ID] CHARGE TABLE CRIT system value.

Rate and Transit Time Maintenance

LTLRTS

- Provides performance improvements for the LTLRTS upload option
- Traps errors more successfully to pinpoint areas where the data is incorrect or inconsistent based on the file being uploaded
- Captures validation errors and outputs these to a log file
- Corrects the validation process for the Append function for an uploaded file
- Expands Canadian zones for postal code ranges in a more uniform manner, to ensure that the engine can make best use of the expanded ranges for rating performance improvements

Rating—Legacy Engine (TH structure)

Excel Upload (Tiered)

- Prevents an issue with hyphens causing postal code ranges to be generated incorrectly
- Allows a calculation per-package to be set; this is controlled by a RATING-LEVEL set to PACKAGE
- Clears the cache and re-sets variables correctly before loading a new file
- Sets the Y-axis breaks correctly for axes that are using Freight Classes

Excel Upload (Flat File)

- Allows a minimum weight/rate column
- Allows VOLUMETRIC and VOLUMETRICDIVIDE fields

- An exception cost type can only be generated if other cost types are not successfully generated; a dependency will exist between one cost type and the other cost types

Engine

- Allows the overall billable weight to be determined from the packages, comparing actual weight and dimensional weight at a package level
- Sets the currency field correctly for a charge-per-pack calculation

For more information on some of these features, see the Transportation Management Administration Guide.

Routing Guide

- The application blocks the usage of services that are not compatible with accessorials selected for the shipment.

Example If a shipment is to use Delivery Confirmation Signature Required, then the system only shops for services that offer that accessorial type.

- If the application is determining the Pickup Date using the Routing Guide, then a Saturday Date may be determined as a Pickup Date. This behavior applies when Saturday Pickup is selected.
- The transit time cache is now cleared after each service to ensure that a service does not incorrectly inherit the transit times of another service.
- An issue with the handling of integer fields that are being used as Dynamic Criteria is resolved.
- The system now saves all routing guide criteria to the database correctly for shipments that have not yet been flagged as Shipped (Rated).
- The system ensures that routing guide results are saved consistently for numeric-format and date- format values. This behavior means that different users using different numeric-format or date-format values can successfully view the same information consistently.
- When saving routing guide results data, if a Date field is unknown, then the application saves this field as “blank” instead of “?” to ensure that the data is retrieved correctly later for viewing.
- It is now possible to prevent Service Assignment for a service if there are errors for that service. This behavior is controlled by the NO ROUTEASSIGN WITH ERRORS system value.

NO ROUTE ASSIGN WITH ERRORS System Value

Category	Key	Description
SPSROUTE	NO ROUTE ASSIGN WITH ERRORS	Possible values: • Yes • No

For more information on the Routing Guide, see *Transportation Management Administration Guide*.

Technical Enhancements

The application handles (replaces) double-width characters and unknown characters in EOD files, where applicable. Similarly, it handles Nordic characters.

EOD

For those carriers where the EOD batch is split based on some required criteria (for example, Purolator batches are split into separate batches based on the ship date), ensure that the batches are split correctly. If the original batch has no remaining shipments associated with it, then assign one of the newly created batches as the key/source batch.

FTP Logging

This release provides additional logging for the FTP processes run as part of the end-of-day process. This additional logging is controlled by the FTP - EXTRA LOGGING system value in the SPS category.

General Enhancements

- Permits the specification of an alternative return address when a Return (Inbound) shipment is created from an Outbound shipment. By default, the Shipper and Ship To addresses are reversed on the Return (Inbound) shipment. However, an implementation may require that the Ship To address on the Return (Inbound) shipment is a different address. For example, if the Shipper address of the Outbound shipment is a Zone Skip address, we may not want the Return (Inbound) shipments to be returned to that address. The configuration for the alternative Ship To address for the Return (Inbound) shipments is handled through the INBOUND ADDRESS system value.

NO ROUTE ASSIGN WITH ERRORS System Value

Category	Key	Description
SPS	[Carrier]: [Internal ID] INBOUND ADDRESS	Configured in a similar way to the [Carrier]: [Internal ID] SHIPPER ADDRESS system

		value
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- Adds CAO text to the end of Lithium Battery descriptions printed, where applicable.

Carrier-Specific Enhancements

This release offers support for a number of additional carrier-specific features.

Australia Post

Service

Satchel service can be processed to generate a simplified label, but Satchel shipments are not included within the end-of-day file.

EOD File

This release includes corrections for some field length mappings (Merchant Location ID and Weight fields).

Rating

Rates can be generated for this integration.

Azkar

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Bartolini

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Blue Dart

XML Integration

- Removes special characters from fields before communicating data to the carrier
- Includes mapping of the PickupTime field
- Includes a fix for the mapping of the declared value for Documents vs Non-Documents.
- Truncates field data where the content exceeds the maximum length allowed for the field as prescribed by the carrier specifications

Rating

Rates can be generated for this integration.

Bring

XML Integration

This release truncates description field data where the content exceeds the maximum length allowed for the field as prescribed by the carrier specifications.

Canada Post

Integration

Updated for 2017 requirements. See Carrier Functionality Guide for full details of the services for this carrier.

Canpar

Performance

This release offers improved performance of routing data searching with better indexing.

Ciblex

Services

This release allows additional services for the Belgium origin. See Carrier Functionality Guide for full details of the services for this carrier

Validation

This release allows shipping to Monaco (MC), but treats this in the same way as France (FR).

EOD File

This release allows for the mapping of the Consignee Phone Number field

Dachser

EOD

- Allows a poll directory to be specified to hold the filename as it appears on the carrier's FTP target directory

- Allows additional FTP characteristics to be specified in the configuration of end-of-day content set-up
- Maps a KREF section for the required shipment references
- Maps the appropriate country codes, based in the values expected on the carrier back-end (because ISO country codes are not all recognized)

Label

This release allows correct printing of reference fields, when the DAC: SHIP REFERENCES - [location] system value is configured for each packing location.

Tracking Numbers

This release allows for a minimum tracking number value to be specified in the configuration, to ensure that an appropriate starting point can be set when the tracking number range is recycled.

Rating

This release supports configuration on an accessorial charge table. This configuration includes the generation of charges for Liftgate Delivery, Customs Clearance, and Dangerous Goods.

Service

- Dangerous Goods shipments can be processed and mapped appropriately through the end-of-day file. This functionality includes the processing of Lithium Batteries.
- It's possible to select the Liftgate Delivery accessorial.

Validation

This release extends the list of supported Delivery Terms codes allowed.

DHL - Express (SAS Version,US Origin)

Label

This release supports the Sealed Lead Acid Battery UN code (UN2800), which requires specific text output on the label.

Paperless Clearance

This release provides corrections to allow a reference to a new URL on the DHL back-end. This URL is configurable. Connection errors are captured appropriately.

EOD File

- Corrects the length of numeric formats (with decimals) to have the appropriate decimal lengths.
- It is possible to omit or truncate the VAT number if it is too long.

Rating

Supports the generation of a zero-value charge to be generated for Paperless Clearance.

Routing

- Corrects the routing determination for scenarios where a country supports multiple postcode field lengths
- Corrects the routing determination for scenarios where a city name has trailing spaces in the city name stored for the routing record

Service

The “domestic” service to be used if the customer is enabled for this service.

DHL - Day Definite (Non-US)

Consolidation

The consolidation functionality has been corrected to reference the appropriate shipment number in the license plate field.

Service

This release allows DHL Portugal to support similar functionality to that of DHL Spain for shipping to Iberian destinations—Portugal or Spain.

DHL - Paket Services

Service

The Sperrgut service for Paket International is now supported.

DHL - eCommerce (US origin) [formerly DHL Global Mail]

Integration Version

Provided the first draft of revised integration for both Domestic and International services. The fully certified version of this integration will be available as part of TE Service Pack S42.

DHL - Time Definite (non-US)

BBX

Master shipments can now be segregated by Packing Location instead of Internal ID, as there may be multiple packing locations pointing to the same Internal ID.

EOD File

- Maps appropriate codes when Dry Ice or Lithium Batteries are selected
- Corrects issue in the mapping of the NAD (address) segments, where all NAD segments were not mapped for a shipment

Label

- Customs Value no longer includes the charge cost values (unless the costs are billable)
- Rounds the printed weights up to the nearest 0.1 Kg
- Outputs specific text on the label for the Sealed Lead Acid Battery UN code (UN2800)
- Allows the Archive label to be suppressed from printing, if required; this behavior is controlled by the DHLTD: [internal ID] POUCH LABELS OFF system value
- Prints the value of ICE on the label for Dry Ice packages
- Includes corrections for barcode printing issues

Manifest

Issues that could cause an error to appear when there are a large number of shipments on the same page are now corrected.

Routing

- Allows access to the online version of the GLS (Global Label Solution) for routing determination. This enables the implementation of the GLS routing without having to install additional software and data within the customer's QAD GTTE environment.
- This release corrects the routing determination for scenarios where a country supports multiple postcode field lengths.
- Where multiple possible routing IATA codes are returned for a destination, the application selects the first one, and gives a warning when running within Windows UI screens; otherwise, the processing proceeds without any warning.

Transit Time and Rating

This release allows a call to DHL XML PI to leverage the DHL back-end for rating and transit time determination. This requires credentials to be obtained from DHL to use this functionality. This functionality is controlled by the DHLTD: [internal ID] XML PI IN USE system value.

Validation

- Corrects the significant characters of the GB postal code to use when validating early-morning services to GB destination
- Treats the Canary Islands as a non-EU destination
- Allows setting of a maximum customs value for the DOX service through the DHLTD: [internal ID] DOX MAX VALUE system value

DHL - XML PI Integration

Label

- Customs Value no longer includes the charge cost values.
- Masks the shipper account number. Prints the Third Party account number correctly, when applicable.
- Prints the Archive label for WMX service.
- Rounds the printed weights up to nearest 0.1 Kg.
- Allows the Archive label to be suppressed from printing, if required. This is controlled by the DHX: [internal ID] POUCH LABELS OFF system value.
- Does not output the Ship Date on Return shipment labels.

Processing

Multiple BBX master shipments, for different regions, can be created for the same packing locations.

Transit Time

- Allows the appropriate (configurable) Pickup Time to be specified, because it impacts the list of available services returned
- Maps the correct Payment Country, based on the Inbound or Outbound direction of shipment
- Normalizes the characters for the city name, to ensure the DHL back-end interprets the city name correctly
- Allows for the mapping of an Insured Value to generate appropriate estimates

- Maps the Package Type if the pack is greater than 70 Kg
- Ensures that the full response message is parsed so that all services are interpreted
- Maps the Customs Value correctly if no explicit customs value is specified

XML Integration

- Suppresses the ExportDeclaration segment for WPX for BBX shipping
- Allows for different Staging Periods for Returns processing
- Does not map charge cost values in the Declared Value
- Allows the Logo (for DHL-generated label) to be suppressed
- Allows DHL-generated label type to be selected based on locale
- Allows suppression of the DHL-generated Archive label
- Treats the Canary Islands as a non-EU destination
- Allows mappings for Lithium Batteries and Dangerous Goods and Dry Ice

DHL - ELP Integration

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

DPD

EOD File

Extended to include a HAZDATA file, when applicable, for Dangerous Goods.

Label

When applicable, it is possible to print a Dangerous Goods label.

Manifest

Extends the information printed to have an additional section for Dangerous Goods (including Lithium Batteries), when applicable.

Routing

The correct routing code is now determined where the DPD routing algorithm finds a record that references non-blank data for what DPD call a “shipping path” value.

Service

- Allows for Parcelshop service and Standard Return service
- Allows for Saturday Delivery accessorial for multiple services

Tracking Number

The check-digit is excluded from the tracking number field value (XMSXPK0.SXTRKNO) as this is not used on the DPD tracking website or for tracking status feeds. The tracking number is still output on the label, however.

DPD UK (formerly Parceline)

EOD File

Some fields are now only mapped for International services.

Manifest

The weight field is output to the document.

Routing

This release includes corrections for the determination of routing when the recipient postal code contains hyphens.

eCourier

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Endicia

Services

This release supports the FirstClassPackageInternational service.

Transit Time

This release does not set a default transit time for those services where Endicia returns a transit time.

XML Mapping

This release allows a label rotation to be indicated to the Endicia back-end. This functionality is handled by a third parameter in the ENDC: LABEL PRINTER system value.

FedEx

FSMS

There is a new certified integration for FSMS v16.0. See Carrier Functionality Guide for full information on supported services and origin countries.

FSMS: IPD

The Ship Date is considered as a constraint for the generation of unique IPD Master shipments.

FSMS: Label

- Removes hyphens from the GHAZ section of the PDF-417 barcode
- Prints the total shipment weight always on the Pouch label
- Outputs Dry Ice information appropriately, when required, on the Pouch label
- The additional “delivery” label is not required to be printed for US Ground service
- ETA day/date are not printed on Returns shipments

FSMS: Mapping

- Manages ETD filename lengths appropriately to ensure that they do not go beyond the maximum length.
- Corrects ETD mapping issues for multi-occurrence fields.
- ETD mapping is no longer called for “rate-shop” requests.
- Allows pre-rating of the shipment prior to ETD processing, to ensure that the full invoice value is available for the ETD invoice generated and sent to the FSMS server.
- ADG (Dangerous Goods) is considered at a “shipment” level for international shipping. If one package within the international shipment is ADG, then the whole shipment is considered ADG.
- For multi-piece shipments, the Dangerous Goods packages for US Ground are be processed on a package-by-package basis, to ensure that only the correct packages are mapped as Dangerous Goods.
- Checks that the shipment is not a mixture of DG and non-DG packages, as this is considered to be not a valid selection, according to feedback from FedEx.
- Correctly maps UN codes of Class 2 as ADG (Accessible) instead of IDG (Inaccessible).
- Corrects the number of decimals mapped for FedEx server for the weight field.

- Stores the billable weight returned from the FedEx server, when available.

FSMS: Rating

- Allows IPD child shipments to be rated as IP (International Priority) service
- Does not pick up the List surcharge value as a default value for an accessorial if the Customer- negotiated accessorial is missing, as the customer may have negotiated 100% discount on that accessorial

Web Services

This release allows for customer-specific data to be output to FedEx label “Doc-Tabs” (an extended area on the label for printing additional information). This “Doc-Tab” area is controlled by a customer-specific plug-in program. (This program is set according to the FDW: LABEL DOC-TAB PROGRAM system value.)

Web Services: XML Mapping

- Ensures that the CustomsClearanceDetail.DutiesPayment.Payor.ResponsibleParty.Contact element is mapped as a mandatory field.
- If the weight is less than 0.01 then the value is mapped as 3 decimals.
- Does not map the “commodities” section when “rating” the international services, as this is not required/expected for this scenario.
- Truncates the mapping of the Special Instructions field, when applicable, to avoid going beyond the field limit.
- Allows the use of the FDW: SHIP REFERENCES system value, for consistency with other carriers. Retains the FDW: PACK REFERENCES system value usage also for backward-compatibility.

Web Service: Services

Adds support for GB domestic services.

FedEx DTW (China Domestic)

Error Codes

This release stores unique error codes for this integration to provide better support when an issue is raised by the integration program set.

Label

- Includes small changes requested by the carrier to ensure compliance with their layout requirements.
- Allows for both the PDF and Zebra version of the label to be printed.

Geodis

Tracking Number

Now stores only eight digits in the tracking number field value (XMSXPK0.SXTRKNO), instead of the full barcode value. The full barcode value is still stored in the database, however.

GLS

Mapping

- Instead of mapping all fields as uppercase to the GLS back-end, some fields are now mapped as case-sensitive values.
- The recipient e-mail address is mapped to the GLS back-end.

Services

Extends integration support for DK origin.

GO! (General Overnight)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Golden State Overnight (GSO)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

Movianto (formerly Healthcare Logistics)

Revised carrier integration. See Carrier Functionality Guide for more details of this carrier.

PostNL

Removes hyphens and spaces, and then additional characters, from the postal code field if they exceed the prescribed length for the postal code field.

PostNL (Mijnpost)

Services

Provides support for additional International Mail services. See the Carrier Functionality Guide for more details of this carrier.

PostNord

Consolidation

Supports on-the-fly and end-of-day consolidation logic.

Label

- Prevents overlap between COD amount and the Reference fields
- Supports ADR (Dangerous Goods) requirements
- Changes the terminology used for MyPack service (MyPack Collect and MyPack Dropoff)

Mapping

- Adds a TSR segment for Erhvervspakke service if there are any accessories

Service

- Allows for the processing of Flexible Delivery and 10 A.M. Delivery accessories
- Adds support for Next Day validation, where a destination is validated against the Postnord prescribed back-end
- Supports integration for non-Nordics origins (e.g., Netherlands)
- Adds support for Express service for Norway origin
- Adds support for services for Denmark origin

Purolator (Legacy - US origin)

Note This integration is now retired.

Purolator (New World - V9)

The first draft of Purolator v9.1.2 functionality is available. This draft includes corrections found during certification.

Note This certification is still on-going at the time of this Service Pack release. It is recommended that you request the latest set of Purolator programs when implementing Service Pack S41, if this is one of your implemented carriers.

Puropost

Integration

If an empty response received from the Purolator back-end, the error is trapped more appropriately.

XML Mapping

- When mapping item line information to the carrier, this does not need to be mapped within the context of individual packages. Instead, the item lines can be mapped directly, so there should be no replication of the same item line mapped across multiple records to the carrier. For example, if a quantity of 10 is packed across 4 packages, then only one item line, with a quantity of 10, needs to be mapped—the mapping does not need to be 4 individual records that have the quantity of 10 split across these 4 lines.
- This release corrects the mapping for the SKU field.

Royal Mail

Revised carrier integration. See Carrier Functionality Guide for more details of this carrier.

SF Express

Integration

This release allows for the Collect as a Freight Payment Method.

Label

This release includes a revised label layout for some origins within China.

Mapping

Corrects the mapping of the insured value to the SF Express back-end.

Service

Provides support for Log Cargo and Next Morning services

TNT - Express Label and Unicom

Consignment Note

This release takes into account the fact that Return address can differ from Shipper address.

EOD File

- Allows for a temporary work directory to be configured for upload per the TNT FTP site, such that the file can be sent successfully first to the FTP site, and then moved to the appropriate target directory.
- Allows for the file to be e-mailed also, as part of the EOD process, to prescribed e-mail addresses
- Includes mapping corrections for shipments using extended-pack structure
- Includes mapping corrections for shipments using allocations (lots) structure
- Corrects the rounding of cubic volume to be 3 decimal places

Integration

- Drops or keeps hyphens, when applicable, for shipper postcode or recipient postcode—depending on the country.
- Corrects the barcode package count for GB origin for multi-piece shipments.
- Extends the logic for the support of new requirements around Lithium Batteries, Limited Quantities, Excepted Quantities and Dangerous Goods. Takes account of the different combinations of these within a multi-piece shipment.
- Does not store rates for Freight Payment Method of Collect.
- Includes corrections for the barcode tracking number generation, for the package count section, when consolidation is applied.

Label

The number of recipient address lines has been extended to 7.

Lithium Document

This release corrects the outputting of information based on the Packaging Instructions. Also, it takes UN codes 969II and 970II into consideration.

Rating

- Includes a correction for the fuel surcharge calculation conditions
- Includes a correction of rating for the last applicable weight break in a rate structure

- Allows for the interpretation of rates for weight breaks as being applied to the whole weight of the shipment, not partial weights

Example Shipment weight = 100Kg. Weight break: 10Kg Weight Break 20Kg Weight Break 100Kg. The rate per each weight break will be multiplied by 100 Kg.

- Includes a correction for zone determination when postal codes contain hyphens

Service

- Allows for integration support for Czech and Lithuania origins. Allow support also for Denmark domestic shipping.

TNT - Express Manager version

No longer supported for new implementation of accounts.

TNT - iConnections version

No longer supported.

TNT - Australia

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

TNT Express - France Domestic (formerly called Jet Services)

EOD

Stores the local filename differently to that of the destination FTP name, to ensure that the local filename can retain a unique naming convention. This approach avoids any conflict with files with the same name that were generated in the past.

Mapping

Tracking number data is output correctly for multi-piece shipments.

Toll Priority

Integration

Includes corrections for domestic shipping, based on carrier feedback for a new implementation. Some small amendments around the mapping of fields in the EOD file.

Rating

The standard charge table (TH) rate structure and rating engine can now be leveraged.

Trans-o-flex

Label

This release includes a revised label layout according to the 2017 requirements for Germany origin account numbers.

Services

This release allows for temperature-based services to be handled through the appropriate accessorials.

Transmission

Mapping

- Includes a correction for the mapping of the dimension (length, width, height) fields
- Allows the pack type values mapped to Transmission back-end to be transformed through the system value TRANS: PACK TYPE CONVERSIONS

UPS

Certification for compatibility with 2017 requirements. See Carrier Functionality Guide for this carrier for full details

Label

- Corrects the conditions for when a PDF-417 label should be printed for EU origin countries.
- Limits the number of invoice lines output to PDF-417 barcode to ensure it does not go over the maximum size of the barcode contents.
- Dry Ice text is only output for those packages which contain Dry Ice within the shipment.
- The Summary Label for end-of-day correctly formats Julian Day in the barcode for days less than 100.

Rating

- Allows distinction between the zones applicable for China South versus China non-South.
- Allows the rate calculation for Published rates and Customised rates to be called separately—the shipper may possibly have a Customised rate structure with different weight breaks to that of the Published rate structure.

Service

This release provides support for origins of Lithuania, United Arab Emirates, Saudi Arabia, and Taiwan.

Transit Times

- Determination of Transit Times for the Surepost services.
- Takes account of Residential Delivery and Saturday Delivery flags, when leveraging the UPS Transit Time API, as this can impact the transit time returned, in a rate-shop scenario.

Validation

- Includes corrections around the handling of Validation Object validation data
- Extends the list of allowed destination countries for UPS Access Point selection
- Includes changes around the handling of validation and mapping of Lithium Batteries
- Allows for min/max values to be set for Surepost tracking number range

UPS-SCS (formerly Menlo Forwarding and Emery Forwarding)

Mapping

The customs value should be mapped for all international shipments.

USPS

MAC Certification retired; no longer supported. Use the Endicia integration instead.

XPO (Belgium and Netherlands)

New carrier integration. See Carrier Functionality Guide for more details of this carrier.

QAD GTTE Transportation Execution S40

Introduction

These release notes include information about the S40 QAD GTTE Transport Execution fixes and changes. The current version of GTTE Transportation Execution is S48.

Application Enhancements

Black Box—Message Changes

- ShipShipment/CreateShipment
- ReprintShipment
- ProcessSPSResponse
- ProcessShipment

End of Day Process

No changes in this service pack.

Hazardous Materials

No changes in this service pack.

LTL—Check Digits Added

The check digit algorithm for the CBNK carrier (Cabano Kingsway) has been revised.

For a full list of supported LTL check digits, see *Topic 045—Supported TL-LTL Carriers.xls*.

LTL—Generic Label and Manifest

The system now spreads special instructions across two lines on a label if the text is longer than 120 characters.

LTL: Processing

The system now generates the Allow for EDI 211 file as part of EOD process, if configured. The first LTL carrier to leverage this functionality is ABF Freight.

All error messages now include unique error codes.

Rate and Transit Time Maintenance

No changes in this service pack.

Rating—Legacy Engine (TH Structure)

No changes in this service pack.

Routing Guide

The Routing Guide:

- No longer writes to a close stream
- Includes non-transit days when calculating the ship date, if the ship date is the current (today's) date
- Saves the routing criteria used at the time of shopping

For more information on the Routing Guide, see *QAD TMS/Precision Administration Guide*.

Technical Enhancements

None.

General Enhancements

- You can now print a lithium battery label.
- The application now includes an SPSHLP option to help you to find programs, service pack versions, and so on.
- The system no longer defaults the shipper contact as the shipping officer for return shipments.

Carrier-Specific Enhancements

This release supports a number of additional carrier-specific features.

Australia Post

Australia Post is a new carrier. For details, see the Functionality Guide for the carrier.

Blue Dart

Blue Dart is a new carrier. For details, see the Functionality Guide for the carrier.

Bring

Bring is a new carrier. For details, see the Functionality Guide for the carrier.

Canpar

After a successful FTP transmission, the application now FTPs the file to the carrier back-end first, and then renames it to the appropriate file name and moves it to the appropriate directory. This enhancement prevents files from being partially processed during transmission.

Chronopost

The system now treats Monaco (MC) as a France Domestic destination.

Ciblex

The system now corrects the shipper address printed on the label, when a return-to address is specified.

DHL–Express (SAS Version, US Origin)

- The label layouts were changed slightly to accommodate additional space for larger fonts for some fields, and to output multiple lithium battery type descriptions, when applicable.
- Corrections were made to:
 - The communication of data using Web services and to the processing and reprocessing of paperless-applicable shipments.
 - The process that determines British (GB) routings using significant characters of the postcode to look up DHL routing data.
 - The process that determines the DHL Payment Terms value in the EOD file, depending on the freight payment method and duty payment method combinations selected.
- The system now determines the port of entry using a Web service call to the DHL back-end.
- Dimensional weight factor changes driven by DHL data were added.
- You can now:
 - Recycle tracking numbers from prescribed minimum and maximum values.
 - Specify email addresses of up to 80 characters.

DHL–Day Definite (Non-US)

The integration now supports:

- The Spain (ES) origin
- The DHL For You (DFY) service

DHL–Packet Services

The integration now supports the:

- COD freight payment method
- Sperrgut service

Error handling is now more thorough for the Bucho routing integration.

DHL–Global Mail (US Origin)

- The integration no longer splits the item line across multiple packages in the EOD file.
- Post codes are now optional for some countries (for example, Zimbabwe).

DHL–Time Definite (Non-US)

- Routing:
 - The application now integrates with the DHL GLS application to retrieve routing information using a Web service.
 - Corrections were made to the process that determines the GB routing using significant characters of the post code in lookups to DHL routing data.
- The integration now supports the DOK and DOT (domestic early morning) services, and the WMX and CMX (Medical) services.

DHLQ–XML PI Integration

- Corrections were made to the text values output for labels for lithium battery applicable packages.
- The application now accepts longer names for the shipper and recipient.

XML Mapping

- You now have the option to deactivate the Allow ExportDeclaration section in the XML.
- You can now map a dummy contact name, if required.

- The Quantity field is now mapped as numeric instead of alphanumeric.
- You can now configure the printer resolution when the DHL back-end generates a label. In addition, you can now generate a configurable number of archive labels.
- You can now process:
 - Returns with a configurable staging time period
 - The Neutral Delivery Service (NDS)
- Corrections were made to:
 - The process that determines the Dutiable flag and the conditions that cause it to be True or False when shipping into, out of, or within the EU
 - The mapping of package dimensions
- The mapping no longer:
 - Treats the Canary Islands as part of the EU
 - Maps the Duty and Account fields for non-dutiable shipments
- Monaco (MC) is now handled as part of France (FR).
- The mapping now uses ISO country code plus the city name to determine DHL country codes, for exception country codes that are specific to DHL.

Integration

- A redundant call to the time-in-transit message was removed, and performance was improved.
- The process for handling errors parsed in responses from the DHL XML PI back-end was corrected.
- The integration now separates costs and taxes from the values returned from DHL, when available.
- You can now set the default ReadyTime to earlier in the day to allow all possible services to be returned from the DHL back-end during a rate or transit-time request.

DPD

- Labels:
 - The post code value output for Ireland destinations was corrected.
 - The determination criteria for the shipping path and grouping priority values (routing information) printed on labels were corrected.

- The formatting of weight values in the EOD file, where DPD's interpretation of the number was in units of 10g, was corrected.
- All error messages now include unique error codes.

DPD UK (Formerly Parceline)

This integration now supports Interlink services. For details, see the Functionality Guide for the carrier.

Endicia

- The DeliveryTimeDays parameter was added to the XML mapping to retrieve more accurate transit times, when available.
- A new Flat Rate service was added. For details, see the Functionality Guide for the carrier.

Integration

You can now use:

- Different accounts and passphrases to access the Sandbox.
- A Dial-a-zip integration call, to check for residential or commercial settings.

From this release, any accessorials that do not return a charge are no longer stored as a question mark ("?").

FedEx

FSMS

- On labels, the system now outputs:
 - The dry ice weight for packages that are dry-ice applicable
 - The appropriate dry ice weight unit of measure
 - The shipper emergency number, when applicable, if no more than five lines of the shipper address are used
- Corrections have been made to the mapping of ETD information, which allow you to defer sending files to FSMS until after shipping.
- The system no longer passes a ship date to the FedEx server for returns.
- You cannot map lithium battery information for certain lithium battery types.

- The number of rating currencies supported for different origin countries has been extended.
- The system now:
 - Correctly maps dry ice weights using the appropriate UOM conversion
 - Maps Priority Alert Plus as an accessorial
 - Includes IPD services in a rate shop process. An IPD service is treated as an IP service during the rating process
 - Supports India origin requirements for mappings and label printing
 - Allows the mapping of the COD remit address to be different to that of the shipper address
 - Processes ground shipments on a package-by-package basis for multi-piece hazardous materials shipments, to avoid errors on the FedEx server
 - Defers the printing of COD labels until the rating process is complete, to ensure that all applicable charges are included on the labels
 - Ensures that QAD GTTE-generated ground transit times take precedence over those calculated by the FedEx server, when required

Web Services

- This integration now maps the Residential flag for the Home Delivery service.
- Corrections were made to the process by which the system handles the rate currency and to allow multiple rate types to be specified. Additional corrections were made to the processing of rates and to the storage of rates on return from the FedEx back-end.

FedEx DTW (China Domestic)

FedEx DTW (China domestic) is a new carrier. For details, see the Functionality Guide for the carrier.

GLS

All error messages now include unique error codes.

Hermes–HES Division (Germany Origin)

Hermes–HES Division (Germany origin) is a new carrier. For details, see the Functionality Guide for the carrier.

Itella/Posti

- Labels for this carrier have been rebranded to the new carrier name, Posti.
- The system now supports the Delivery to Special Location service.

Kiala

All error messages now include unique error codes.

Kintetsu Worldwide Express

All error messages now include unique error codes.

Loomis (Formerly DHL Canada Integration)

All error messages now include unique error codes.

Nippon Express (Japan)

The system now correctly determines routings for post codes that contain spaces or invalid characters.

OnTrac

All error messages now include unique error codes.

PostNL (Mijnpost)

The POST NL integration now supports additional International Mail services. For details, see the Functionality Guide for the carrier.

PostNord

PostNord is a new carrier. For details, see the Functionality Guide for the carrier.

Purolator (Legacy—US Origin)

This integration is retired.

Purolator (New World—V9)

- You can now use induction addresses for Canada origin shippers on labels.
- The application now prints the correct Service Live Date value for labels.

- The system now defaults the residential delivery address, when required, for a shipping location.

Puropost

All error messages now include unique error codes.

Royal Mail

All error messages now include unique error codes.

Seur

Seur is a new carrier. For details, see the Functionality Guide for the carrier.

SF Express

- The label layout has been revised for some origins within China.
- The integration now handles different back-end locations, in response to changes made by SF Express.

TNT–Express Label and Unicom

- Previously, the sort depot information for labels was not picked up correctly from the ExpressLabel response. This issue has been rectified.
- The application now removes the account ID from the delivery address in the EOD file.
- The integration now supports:
 - Same Day service processing for the GB origin
 - S87 and S88 services for Asia origins
- All error messages now include unique error codes.

TNT–Express Manager Version

The TNT–Express Manager Version is no longer supported for new account implementations.

TNT–iConnections Version

This carrier is no longer supported.

TNT Express–France Domestic (Formerly Called Jet Services)

- The system now:

- Uses a different macro when LMF (routing request) returns no information
 - Only outputs the first two digits of the destination post code on the label
- The barcode size for Connote has been extended.
- For the detailed manifest, the weight values output and the barcode size have been corrected.
- For the summary manifest, the system outputs a more consistent service description value.
- The system now treats Monaco (MC) as a valid France Domestic destination.
- All error messages now include unique error codes.

Toll Priority

All error messages now include unique error codes.

Trans-o-flex

All error messages now include unique error codes.

Transmission

Transmission is a new carrier. For details, see the Functionality Guide for the carrier.

UPS

- The UPS integration is certified for compatibility with 2016 requirements. For details, see the Carrier Functionality Guide.
- Changed the formatting of weight and package count values on labels for consolidation purposes. The system now ensures that tracking numbers print correctly on PDF-417 barcodes on labels for multi-piece shipments.
- The system now supports the:
 - UPS Mail Innovations Returns service
 - Argentina origin
- You can now use:
 - Collect as a freight payment method for returns
 - Consolidation within a Worldease child shipment

UPS-SCS (Formerly Menlo Forwarding and Emery Forwarding)

The system has been revised for compatibility with the current Gemini Web Services, instead of the Gemini Server integration.

USPS

MAC Certification is retired and no longer supported. Use the Endicia integration instead.

QAD GTTE Transportation Execution S39

Introduction

These release notes include information about the S39 QAD GTTE Transport Execution fixes and changes. The current version of GTTE Transportation Execution is S48.

Application Enhancements

Black Box—Message Changes

- ShipShipment/CreateShipment
 - You cannot use the BILLTO and IMPORTER parties in the same message because they both map to the same party type in QAD GTTE.
 - The pack must contain one of the following: Pack Type, Weight, Volume, or Dimensions.
 - If the weight of the item record constitutes the total weight, then the application does not multiply it by the weight of the number of items in the pack.
 - The COD currency value is now stored in a virtual field because it may be different than the shipment currency.
 - The messages now recognize new accessorial types: CarrierAccessPoint, ChainOfSignature, DirectDelivery, and LatePickup.
 - Now allows a timeout if the Partner record creation process locks.
- ProcessSPSResponse
 - The message returns the packing location and service because these may have been updated by the Routing Guide service assignment.
 - The message returns the lot allocations, if available.

End of Day Process

- Corrections were made to the processing for LOCKED and UNLOCKED batches when running EOD for a carrier/location. The application now ensures that the carrier/location is correctly UNLOCKED.
- The application now updates the batch date (GRDATE) field to record the date on which the batch was created.

LTL—Check Digits Added

Added support for check digits for the following:

- ARFW (Canada FedEx Freight Air)
- CGVO (CCT Canada)
- DARO (Canada Day and Ross)
- OVLD (Overland Express)
- TGBT (Canada Guilbault Group)

For a full list of supported LTL check digits, see *Topic 045—Supported TL-LTL Carriers.xls*.

LTL—Generic Label and Manifest

- Ensures that all address lines for the shipper are printed on the label.
- Ensures that all address lines for the recipient are printed on the label.
- Removes any hyphens from the postcode, before adding hyphens for US zip codes.

Rate and Transit Time Maintenance

You can now upload Excel files if only Open Office is available on the application server.

Tiered Structure Excel Upload

- You can now use a reserved To Zone called RESTOFTHEWORLD.
- You can now create a comma-separated list of cities in the zones definition.

Flat Structure Excel Upload

- Corrected an issue that occurred when an existing axis structure was re-used.
- The upload now creates charge detail records in the same sequence as that of the Excel file.

Routing Guide

- The Routing Guide does not apply the Max Preference comparison, unless the routing results contain one of a specific set of services.
- Performance has been improved for the caching of Routing Guide rules.

For more information on the Routing Guide, see *Topic040 - Routing Guide and Rate Shopping.doc*.

General Enhancements

If the country code passed to QAD GTTE is FR (France), the appropriate ISO country code for a French Territory is determined based on the postal code.

Now correctly assigns the BKTSID record to the XMBKTS0 records generated at manifest time.

Carrier-Specific Enhancements

This release supports a number of additional carrier-specific features.

Bpost

Bpost is a new carrier. For more details, see the Functionality Guide for the carrier.

Canada Post

- Met the Canada Post compliance requirements for 2014 and 2015 changes, including labeling and end- of-day file requirements.
- All error messages now include unique error codes.

Canpar

- Validates that the Canadian post code is correct for the selected province.
- The rating now includes Extended Area Surcharge determination.

Ciblex

C-DISPO has been added to the list of supported products and services for this carrier.

DB Schenker (German Origin)

- The label formats were adjusted based on carrier feedback.
- The manifest file now allows SFTP transmission.
- As a result of carrier feedback, field mapping changes were made to the manifest file.
- The international routing determination is now based on the origin branch number.
- Updates were made to the domestic routing determination algorithm.
- You can now use the freight payment methods Collect and Third Party.

- All error messages now include unique error codes.

DHL—Express (SAS Version, US Origin)

- You can now change the FTP directory when uploading an EOD file to the DHL FTP site.
- The Paperless Clearance functionality is now configurable and can be run as part of the EOD process instead of at shipping time.
- The Paperless Clearance functionality was updated to comply with WSDL changes on the DHL back- end.
- The performance of the routing determination query for postal codes for Mexican destinations was improved.
- The routing determination now uses the DHL country code instead of the ISO country code when looking up DHL data. The DHL country code may differ from the ISO country code.

DHL—Day Definite (Non-US)

- Now includes support for Spain origin for domestic shipping.
- For the manifest file, the application now determines if a batch needs to be split into multiple batches due to constraints on the number of shipments accepted by DHL in a single file.

DHL—Packet Services

- Weltpaket services have been added to the list of supported products and services for this carrier. For more details, see the Functionality Guide for the carrier.
- The sequential section of the tracking number can now be longer than five digits if the prefix is shorter than 16 characters.

DHL—Global Mail (US Origin)

- International services have been added to the list of supported products and services for this carrier. For more details, see the Functionality Guide for the carrier.
- Now includes support for dangerous goods labeling and end-of-day file requirements.
- All error messages now include unique error codes.

DHL—Time Definite (Non-US)

Labels

- The application now prevents errors when calculating the currency exchange.

- Now outputs information regarding limited quantities.
- The format of dangerous goods information was updated.
- The application now splits the description of the lithium battery text across two lines if the text is too long.

Manifest File

- Now recalculates the BBX master totals based on the child shipments associated with the master.
- Third Party billing for SG and FR origins is now mapped in a similar way to the Collect freight payment method.

Validation

- You can now use WPX for intra-EU shipments, if approved by the carrier.
- Corrected the validation rules for allowed delivery terms, based on the origin or destination.
- Post codes are no longer required for Lebanon destinations.
- You must now enter a customs value for the WPX service.

Rating

The default dimensional weight factor has changed from 6000 to 5000.

Tracking Numbers

You can now configure the tracking number threshold value per internal ID, instead of globally across the whole carrier.

DHL—XML PI Integration

Services

- BBX (Breakbulk) has been added to the list of supported products and services.
- Now supports the Domestic Express 09:00 (DOK), Domestic Express 10:30 (DOL), and Domestic Express 12:00 (DOT) services.

Labels

- The archive label does not print for any service, except WPX.

- The application now prints the codes of any special services applicable to the shipment on the archive label.
- The output of the billing account, duty account, declared value, and terms of trade to the archive label was corrected.
- The application now allows you to print DHL-generated labels instead of QAD GTTE-generated labels.

XML Mapping

- The application does not map the ExportDeclaration node, unless the shipment is dutiable. The criteria that determine whether a shipment is considered dutiable were also corrected.
- The mapping sequence for package dimensions for the Europe/Asia schema was corrected.
- The application no longer maps references at package level because this leads to errors on the DHL back-end.
- The characters sent in the message were normalized because the DHL back-end cannot process certain characters.

Rating

The application now allows you to plug in a customized charge table to take precedence over rates returned from the DHL back-end.

Transit Time

- By default, the application calls the DHL back-end to validate the service and to return transit times, unless you configure a system value to override this default.
- Corrected the handling of transit times of less than 10:00. A shorter string is now returned from the DHL back-end.

Error Codes

All error messages now include unique error codes.

DPD

- B2C services were added to the list of supported products and services for this carrier.
- The printed depot code can now differ from the routing depot code on labels.

Manifest File

- You can now specify an FTP destination directory for a location.

- For some origin countries, the characters sent in the EOD file were normalized because some DPD back-end FTP sites do not accept accented characters.
- The PickupTime field has been extended to six characters.
- Now maps the second recipient address line to the EOD file, if present.

DPD UK (Formerly Parceline)

You can now use the DPD Classic service for exports outside of Europe.

Manifest File

- You can now create a “poll” directory, where the file uses the same naming convention as at the carrier’s FTP site. This means that, when the manifest file is created, you can move a separate copy of the file to an alternative directory structure (“poll” directory), and the file name of the copied file will then share the same naming convention as the file on the carrier’s FTP site.
- Ensures that the “68” section is always at the end of the manifest file.
- Now maps the SMS Phone and Email and the Shipper Address fields.

Routing

- The search criteria now correctly determine the appropriate routing code.
- The application now blocks errors created during the determination of routing data if the carrier data does not contain all routing content fields.

Endicia

XML Mapping

- The application changes the value Zip4 to ZIP4 for any field to address issues due to case sensitivity.
- XML Mapping: Based on the type of International form (2976 or 2976a), you can print to either a thermal printer or a laser printer. When the form is short enough, you print it on a thermal label printer. Longer versions of the forms must always be printed on a laser printer.
- Does not map the ampersand (&) value in the shipper name due to an error in the back-end.
- Rate requests now only accept the first five digits of the zip code (nine digits are not allowed)
- The AccountID field has been extended to accept seven characters.

- The conversion for mapping item weights from pounds (lbs) to ounces (ozs) has been corrected.
- You can now specify a different/configurable test URL for requests to the Endicia back-end.
- All error messages now include unique error codes.

FedEx

FSMS

- Certified for compatibility with FSMS V14.0x. For more details, see the Functionality Guide for the carrier.
- Now includes carrier-requested changes for handling the IPD multi-port service.
- When shipping from the US, the currency code must always be USD for AES purposes. The application converts the currency to USD, where applicable.
- Units of measure are now mapped correctly for commodity line information.
- The Electronic Trade Document (ETD) functionality now allows FedEx to generate the commercial invoice instead of using the document passed from the QAD GTTE application.
- You can now set field 2600 to indicate MPS (Multi-Piece Shipping) for US Domestic Express or Ground shipments.
- You can now use the Priority Overnight service domestically for NL and FR origins.
- The application now retrieves the transit time result from FSMS, even if the shipment fails to rate.

Web Services

- Now handles EOD documents with multiple pages.
- Correctly maps the unit of measure for commodity line information.
- You can now specify separate configuration system values for Test and Production.
- The request and reply root nodes in XML messages for Return services have been corrected.
- You can now print international documents from the FedEx back-end, if required.

Paper Manifest

If the shipper needs to generate a QAD GTTE document for a FedEx batch, you can now configure a generic paper manifest.

Error Codes

All error messages now include unique error codes.

GLS

For the manifest file, you can associate the GLS account with a specific country other than the shipper country. This change may affect how fields are mapped to the GLS-BOX or the GLS back-end.

Hermes (Germany Origin)

- Some small label changes were made to comply with current carrier requirements.
- The application now outputs the COD amount to the label when the amount value is needed for a COD shipment.

Itella

Itella is a new carrier. For more details, see the Functionality Guide for the carrier.

Kintetsu Worldwide Express

Kintetsu Worldwide Express is a new carrier. For more details, see the Functionality Guide for the carrier.

Loomis (Formerly DHL Canada)

- For the manifest file, the weight conversion is used for all shipments in a batch, if required.
- Removed the reference to the invalid paper manifest document for Loomis as part of the EOD options for this carrier.
- The rating process now uses the new accessorial codes: IR (Remote Area Surcharge) and MW (Manual Waybill Fee).

LSi Logistik

All error messages now include unique error codes.

Nippon Express (Japan)

- For the manifest file, the PLD directory locations must be the same for all packing locations. The system values were made more generic.

- All error messages now include unique error codes.

OnTrac

For the manifest file, only the first five digits of zip code are passed to the OnTrac back-end.

PostNL

- The manifest file now allows field values to be longer than the carrier maximum lengths (and truncates longer field values).
- It is now mandatory to specify an e-mail address when using the COD freight payment method.

PostNL (Mijnpost)

PostNL is a new carrier. For more details, see the Functionality Guide for the carrier.

Purolator (Legacy—US Origin)

- Now correctly outputs the dangerous goods icon to labels for multi-piece shipments. The icon is only output for packages that contain dangerous goods instead of for all packages.
- The rating now calculates an additional handling charge, when applicable.

Note This integration is scheduled for retirement at the end of 2015.

Purolator (New World—CA Origin)

Certified for compatibility with V9 specifications. For more details, see the Functionality Guide for the carrier.

Puropost

Puropost is a new carrier. For more details, see the Functionality Guide for the carrier.

Royal Mail

Paper Manifest

Two additional columns are output to the paper manifest—Package Type and Average Weight.

Labels

- The output now returns the shipper name.
- The output weight is stated to the nearest 0.1 Kg instead of to the nearest 0.5 Kg.

- The text now prints “Parcel” instead of “Package” as the default package type.

Rating

You can now use Business rate structures.

Sagawa

- You can now print a PDF version of the label for testing purposes.
- For the manifest file, the PLD directory locations must be the same for all packing locations. The system values were made more generic.

Seibu

The PLD directory locations in the manifest file must be the same for all packing locations. The system values were made more generic.

SF Express

SF Express is a new carrier. For more details, see the Functionality Guide for the carrier.

TNT—Express Label and Unicom

Labels

- You can now configure shipment references per packing location.
- The application now correctly sequences depot codes, and outputs the number of days for transit depots.
- Standardized the program for the Lithium Battery document to comply with current lithium battery requirements.
- In the Summary Manifest document, if the delivery address is available, the application uses this address instead of the receiver (customer) address.
- Calls to the TNT transit time were corrected due to changes on the TNT back-end.

IDE Processing

- You can now create a secondary shipment using the Seibu carrier service when shipping to Japan (if required by the TNT implementation).
- The application now supports the DNI (Direct Infeed) service.

Manifest File

- Changes were added for the latest lithium battery requirements.
- Hazardous shipments now take priority over dry ice shipments.
- The application now converts special characters not accepted by the ExpressLabel or NFF file.

Validation

- The validation now recognizes that not all countries require the postal code to be mapped to an ExpressLabel.
- The application now returns an error if the countries of the delivery address and the receiver address are different.

Performance

The caching performance was improved for multi-package shipments.

Services

- A Late Pickup flag can now be set in the system values. Contact the QAD GTTE Content team to request this setting.
- A Packing List flag can now be set in the system values. Contact the QAD GTTE Content team to request this setting.
- Now supports ES domestic services.
- Connote Document: Additional conditions were added to determine when to print Connote documents. The conditions for printing are:
 - If one of the following dangerous goods options is associated with the shipment: LQ, EQ, HZ, or LB.
 - If TNT have identified an additional service option for Connote documents, and this option is configured using the UTNT: PRINT CONNOTE OPTIONS system value.
- Error Handling: The application can now handle large ExpressLabel XML requests and responses generated to process large shipments.

TNT—Express Manager Version

This carrier is no longer supported for the new implementation of accounts.

TNT—iConnections Version

This carrier is no longer supported.

TNT Express—France Domestic (Formerly Jet Services)

- Met TNT France domestic compliance requirements for 2015 changes (labeling and end-of-day file requirements).
- A Domicile service has been added to the list of supported products and services for this carrier. A COD freight payment method was also added. For more details, see the Functionality Guide for the carrier.
- The labels and manifests now print the appropriate information for dangerous goods, lithium batteries, and limited quantities.
- Now allows you to print an alternative return address on a label.
- Corrects the name of the paper manifest document referenced for printing in the EOD process.
- The application now validates that the destination country is FR (France).

Trans-o-flex

Label

- Ensures that the recipient address uses the maximum number of available lines (five).
- Outputs the relative package count on the label (for example, 1/3, 2/3, 3/3).

Manifest File

- You can now map dangerous goods information in the file.
- You can now deactivate the normalization of characters for the EOD file, if requested by the carrier.
- The system no longer outputs blank address lines to the file.

Validation

- German-based accounts can now ship internationally to the Netherlands.
- The receiver name can now be longer than 30 characters.
- The application now gives warnings for zero-value package weights.
- Multiple accounts can now share the same tracking number range.

UPS

Certified for compatibility with 2015 requirements. For more details, see the Functionality Guide for the carrier.

Label

- The COD amount for EU origin is only output for the first package.
- Uses the COD text when Check is selected as the COD payment method.
- Always prints SHP DWT for Canada origins.
- Ensures that the tracking number is present in the PDF-417 bar code, when printed.
- You can now suppress the PDF-417 bar code label for Paperless Invoices, if this is allowed by UPS.

Manifest File

The application now replaces special characters with blanks when outputting data to file.

Services

- Now supports Qatar, Switzerland, and Romania origins.
- Now includes support for South Africa domestic shipping.

Validation

- You cannot use Paperless Invoice for Surepost or Mail Innovations.
- Returns are now allowed for the Free Domicile freight payment method.

Rating

- You cannot use dimensional weights for Surepost.
- You can now use customer-specific rates for Surepost.
- The application now applies the appropriate Delivery Area Surcharge for Surepost.
- The application now determines the correct zone for Canada Economy service, when used.
- For non-US48 destinations using Surepost, the application determines the zone explicitly within the integration program.
- The extended area surcharge determination for Alaska and Hawaii was corrected.

Routing

The routing now uses France routing data for Monaco destination addresses.

Transit Time

- The Transit Time API can now be called for US domestic shipping.
- The transit time can now be returned for rate shop, even if the rating fails.
- The HTTP method for accessing the API was corrected.
- If no currency or value is present, the application now uses default values to bypass UPS validation.

USPS

MAC Certification has been retired; and is no longer supported. Use Endicia integration instead.

Wim Bosman

The dimensions are now output in the manifest file, if available.

Yamato Express

In the manifest file, the PLD directory locations must be the same for all packing locations. The system values have been made more generic.

Yamato Global Express

In the manifest file, the PLD directory locations should be the same for all packing locations. The system values have been made more generic.