



QAD Adaptive Applications

# **QAD Global Trade and Transportation Execution (GTTE) v20.7 Release Notes**

September 2025

These release notes include information about the changes made to the latest version of QAD GTTE. The changes consist of new functionality, enhancements to existing functionality, and fixes.

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## Overview




















Current QAD GTTE Version: 20.7

Release Date: September 2025

Table 1 lists the components that have been updated with QAD GTTE v20.7.

**Table 1**

Components Updated with QAD GTTE v20.7

	Component	Version
	Win UI <ul style="list-style-type: none"> <li>Carrier Shipping Integrations</li> <li>ATLAS</li> <li>AES</li> </ul>	R17 <ul style="list-style-type: none"> <li>S52</li> <li>R16 (Unchanged)</li> <li>R15 (Unchanged)</li> </ul>
	Web UI Highway	13.0.0 14.0.0
	DEM	14.0.6-12 (Feature Update #16 and some additional enhancements)
	Docs	14.0.0-11 (Feature Update #5)
	Analytics (Transportation Execution, DEM, Trade Compliance, Product Master)	(Linked to Web UI version)
	OTM	2.3.0
	Content Subscriber Agent	9.0.0-0
	Report Server	V24.1 Service Pack 1 (Unchanged)
	EFM	14.0.0-7
	Exports	14.0.0-6
	FBAP	14.0.0-15
	Foundation	14.0.0-31
	Config Server	14.0.0-5
	Eureka	14.0.0-6
	Gateway	14.0.0-9
	Sidecar	6.0.0-5
	Ext (Extensions)	14.0.0-18
	Shipping (Simplified)	14.0.0-28
	TE	14.0.0-21

## Related Documentation

The latest version of the QAD GTTE online help is available at:

- <https://documentlibrary.qad.com/help/SC/latest/index.html>

## Base

### QAD Champion Knowledge Assist

QAD GTTE v20.7 includes updates to support QAD Champion Knowledge Assist, a generative-AI chatbot designed to help users find information and guidance more easily. The feature is currently disabled and will be made available through configuration once the service is released.



## Docs

### Mapping Enhancements

In QAD GTTE v20.7 more data tags are available, enabling you to map more data elements from a shipment to a document.

#### New Data Tags

The new data tags that are now available in Docs are listed in the following table.

**Table 2**

New Data Tags

Data Tag	Change
item-lot-asset-id item-lot-batch-number item-lot-bom-revision-number item-lot-comment item-lot-container item-lot-content item-lot-country-of-origin item-lot-expiry-date item-lot-free-circulation item-lot-gross-weight item-lot-invoice-number item-lot-location item-lot-manufacture-date item-lot-manufacturer-id item-lot-net-net-weight item-lot-net-weight item-lot-no-of-inner item-lot-no-of-outer item-lot-originating-country item-lot-originating-country-group item-lot-originate item-lot-packed-quantity item-lot-packed-quantity-type item-lot-picking-location item-lot-picking-order item-lot-picking-zone item-lot-precision-defined-field-1 item-lot-precision-defined-field-2	New data tags have been added, allowing you to add shipment item lot allocation data on DOCS documents.

item-lot-precision-defined-field-3 item-lot-precision-defined-field-4 item-lot-precision-defined-field-5 item-lot-preferential-pricing-method item-lot-product item-lot-recipe item-lot-refund-certificate item-lot-shipped-quantity item-lot-sflg4 item-lot-sub-inventory-zone item-lot-volume item-lot-warehouse item-lot-wholly-obtained	
created-by-user-desc last-modified-user-desc last-modified-user-ex-desc	New data tags have been added, allowing you to output user description data on DOCS documents.

**Table 3**

Updated Data Tags

Data Tag	Change
item-lot-line item-lot-number item-lot-ship-quantity item-lot-unpacked-quantity item-lot-total-value	The metadata for shipment item lot allocation data tags has been updated to clarify their source.

Miscellaneous Enhancements and Fixes

- A notification message now displays on the Document Mapping screen when you click the Save button to save a mapping update.

**Foundation**

Portal Permissions

As an administrator, you can use standard permissions to control the left menu options available to users. New preconfigured option groups and user groups now provide suggested control access to the portal options.

Two new option groups—WEB-FND-ADV and WEB-FND-ADMIN—have been introduced based on the access levels of an administrator and an advanced administrator within the Foundation Portal.

The Foundation advanced user option group, WEB-FND-ADV, contains the following options for advanced users:

- Countries (FND\_CTY)

- Import File (FND\_IF)
- Locales (FNDCLO)
- System Codes (FNDC\_SC)
- System Values (FNDCY3)

The Foundation administrator option group, WEB-FND-ADMIN, contains the following options:

- Addresses (FND\_AD)
- Address Corrections (FND\_ADCO)
- Encryption (FND\_EN)
- Changelog (FND\_LB)
- Lookup (FND\_LOOKUP)
- Maintenance (FND\_MA)
- Transaction Count (FND\_TC)

Similarly, two default user groups—WEB-FND-ADMIN and WEB-FND-ADV—are preconfigured to align with these two user roles. Each option group is linked to its corresponding user group in the Permissions screen, menu option ZP, ensuring a structured and clear permission model. The WEB-FND-ADMIN user group is also linked to the WEB-FND-ADV option group.

## System Values Page

### System Value Rule Maintenance

You can now use the System Values screen, menu option FNDCY3, to create or update system value rules.

To create or update the system value rule, select the system value in the grid and click the Edit Rule button in the toolbar below the grid. When you click Edit Rule and the rule does not already exist, the Create System Value Rule pop-up dialog opens. When you click Edit Rule and the rule already exists, the Update System Value Rule pop-up dialog opens. To create or update the rule, complete and save the field values shown in the dialog.

Fig. 1

System Values Screen: Edit Rule Button

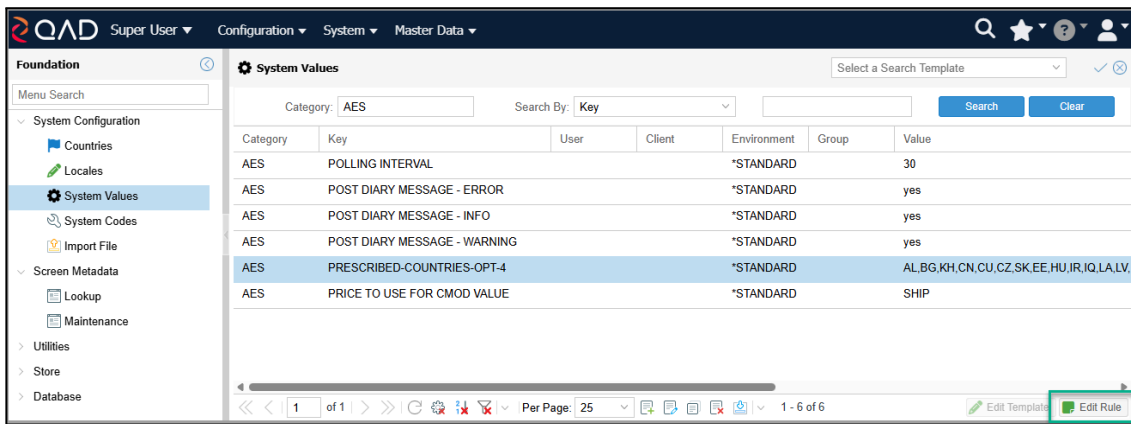
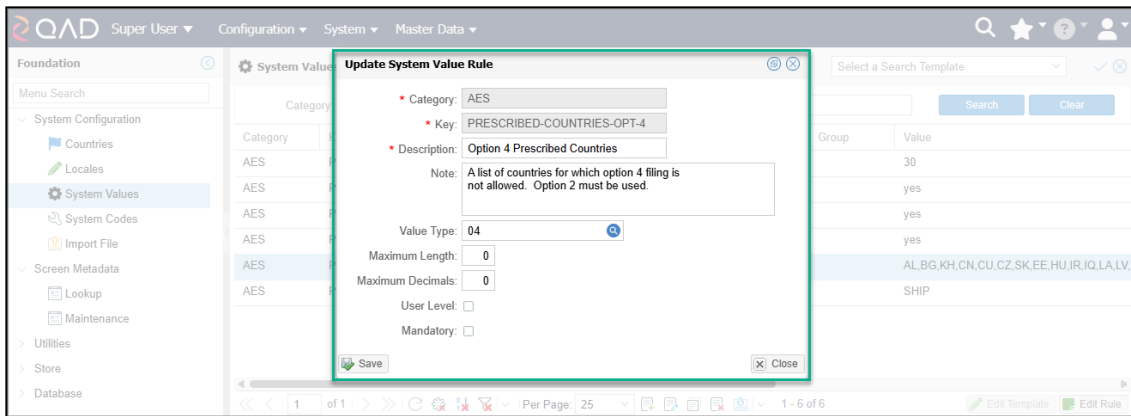


Fig. 2

Create System Value Rule Pop-Up Dialog



Note: QAD GTTE supports only one system value rule for each system value, even if that system value has multiple values at different levels of granularity. You can create or update the system value rule by selecting any of the related system values. After you create the system value rule, it is not possible to delete it.

### System Value Caching

After you update a system value, in a single-instance environment, you no longer have to clear the system value cache manually for your update to take effect.

In a multi-instance environment, you must still clear the system value cache so that your update takes effect.

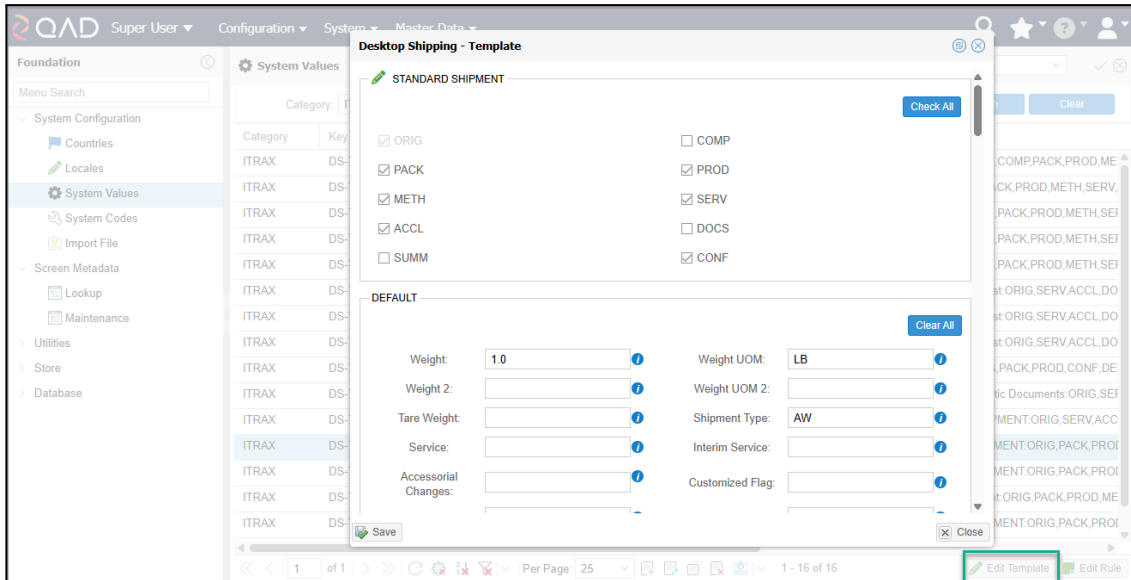
If you are unsure if your environment is a single-instance or multi-instance environment, check with your administrator.

## Desktop Shipping Templates

The System Values screen, menu option FNDCY3, allows you to configure Desktop Shipping steps by searching for and selecting the appropriate DS-TEMPLATES <NN> system value and clicking the Edit Template button at the bottom right of the screen.

Fig. 3

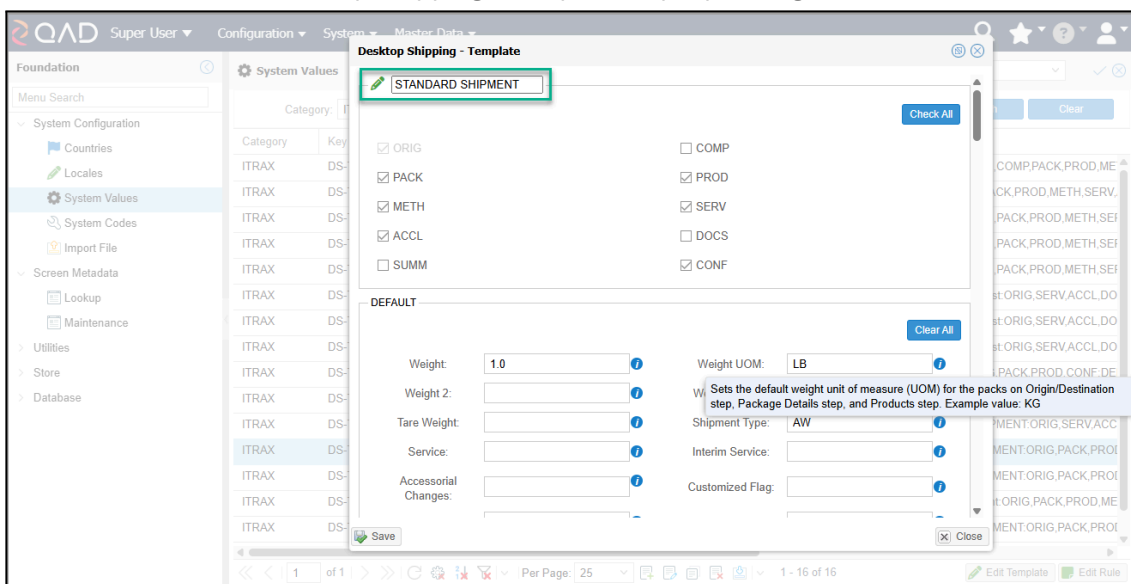
Updating a Desktop Shipping Template System Value on the System Values Screen



This release includes improvements to the Desktop Shipping - Template pop-up dialog. You can now click the pencil icon at the top right to update the name of the template that appears in the Shipment Wizard dropdown menu on the Origin/Destination step of Desktop Shipping. You can also hover over the help icon next to many fields to learn more about the field.

Fig. 4

Enhancements to the Desktop Shipping - Template Pop-Up Dialog



A number of new fields are included in the template to provide additional control over the contents of the Desktop Shipping wizard steps:

- The Customs Value field allows you to prepopulate the Customs Value field in the Package Details section of the Origin/Destination step.
- The Overwrite Ship From Address field allows you to set the default value for the Overwrite Address checkbox in the Ship From section of the Origin/Destination step.
- The Show Ship Date field allows you to show or hide the Ship Date field in the Origin/Destination step.
- The Promised Time field allows you to set the value of the Promised Time field in the Shipment Details section of the Origin/Destination step.
- The Mass Prompt Type field allows you to configure the Weight field in the Package Details section of the Origin/Destination step and the Weight field in the Package Details step
- The Disable Place Validation field allows you to disable validation of the Ship To address in the Origin and Destination step against the records in the Places table, menu option PL.
- You can use the Work Instructions field to add a link to a work instructions page on the Confirmation step.

The new fields apply at the Desktop Shipping template level. In some cases, there are global-level system values that perform the same configuration. When both of these values are set, the template-level setting takes precedence over the global setting.

Help text icons have been added to the Desktop Shipping template to explain what each field is for.

## Highway

The Highway version released with QAD GTTE v20.7 is 14.0.0, which includes the following updates:

- EhCache has been updated to version 3.
- A Type element has been added under Actions in the ProcessShipmentLines Web Service.
- An issue where event log errors containing HTML were not displayed correctly in the Highway console is fixed.
- Multiple third-party dependencies are updated to their latest versions to strengthen security.
- The ActiveMQ client is upgraded to version 6.1.7.

## Content Subscriber

The Subscriber version released with QAD GTTE v20.7 is 9.0.0. This version upgrades several third-party dependencies to their latest versions to enhance security.

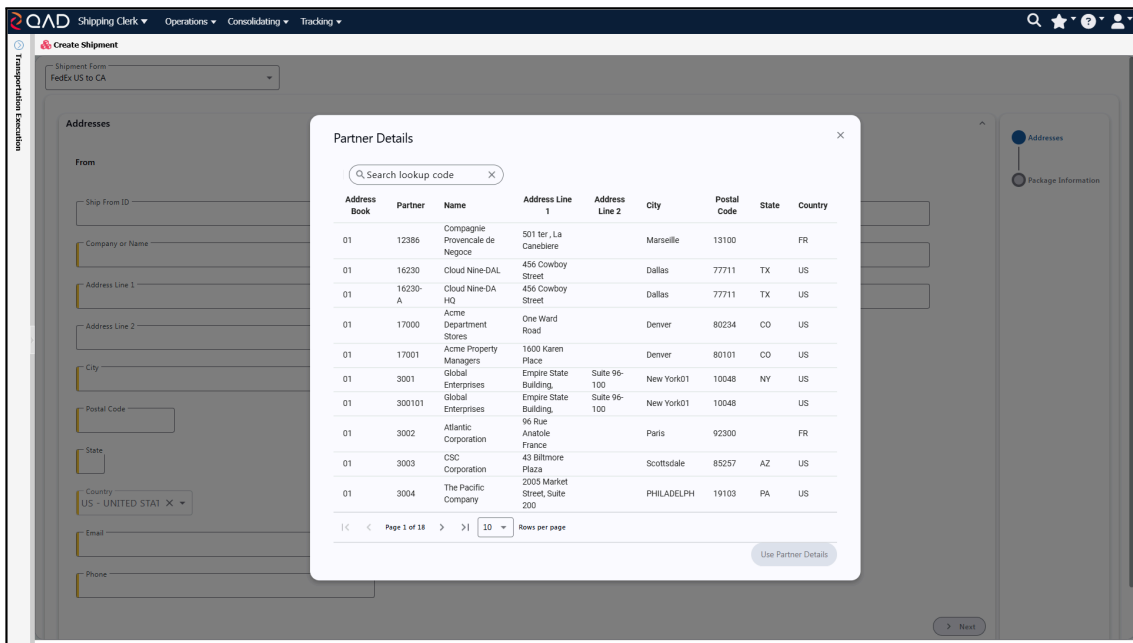
# Transportation Execution

## Transportation Execution (TE)

### Simplified Shipping

You can now configure the Create Shipment screen, menu option TE\_SS, to include the Ship From ID and Ship To ID fields using the new Configure Shipment Forms screen, menu option TE\_SC. When a partner ID is entered in these ID fields, the corresponding address fields populate with address data from the Address Book. Alternatively, the Create Shipment screen can include Address Book lookup buttons that allow you to select addresses from the address book. The addresses available for the From address have the Consignor or Ship From role. The addresses available for the To address have the Consignee or Ship To role.

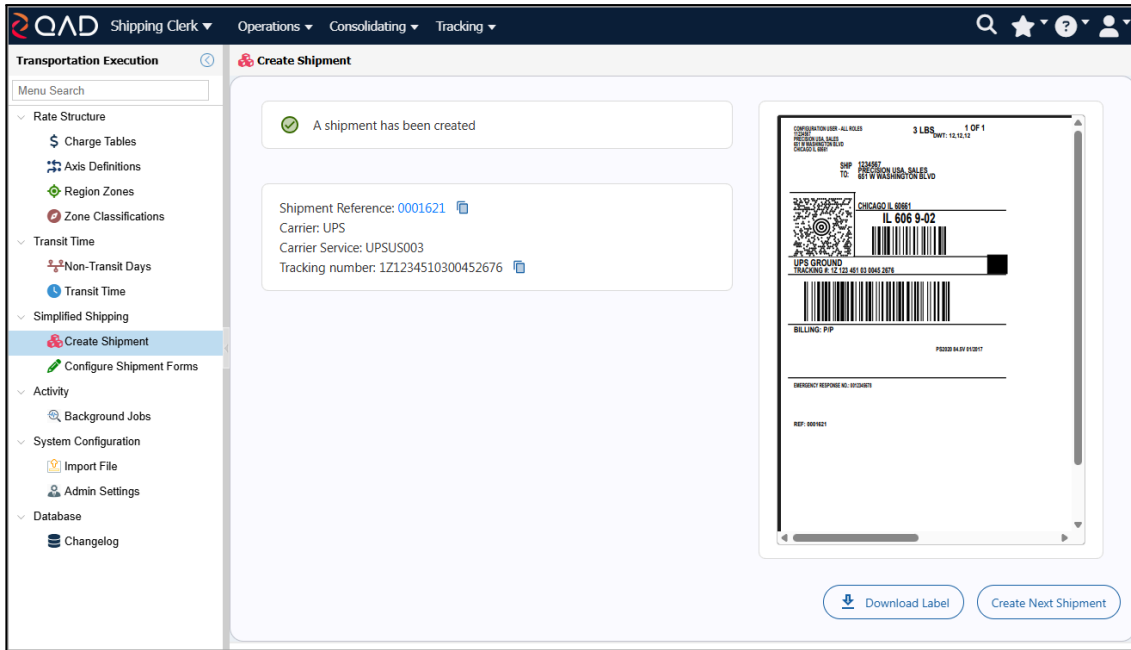
**Fig. 5**  
Address Lookup on the Create Shipment Screen



The Create Shipment Confirmation screen has been enhanced to display information about the shipment such as the carrier, service, and tracking number. A preview of the shipping label is also displayed, along with a button to download the label PDF.

Fig. 6

Label Preview on the Create Shipment Screen



In the Configure Shipment Forms screen (TE\_SC), when you are creating a shipment form, you can now copy an existing shipment form to use as a basis for the new shipment form. Information about the last modified date, time, and user is now displayed in the shipment form grid.

In the General tab of this screen, you can specify the packing location associated with the shipment form. If you do not specify a value for this field, the packing location for the shipment is determined by the packing location selected in the Packing Location field on the Login screen and is listed in the Profile option on the User menu.

### Standard Packing

The Standard Packing Workflow task (WFTSPK) now includes the following read-only columns in the grid for child packs:

- Box No.
- Related Box No.
- Inner Packs

These columns help you to carry out extended packing where you pack inner packs within outer packs. These columns are hidden by default. You can make these columns visible by setting the SHOW EXTRA PACKING INFO system value in the ITRAX category to yes.

### Scan, Pack and Ship

The Scan, Pack and Ship screen, menu option SNPKSH, and the Scan, Pack and Ship Workflow task (SNPKWF) now include a Related Box No. column. The Pack Maintenance panel now includes the following fields:

- Total Item New Weight

- Related Box No.
- Pack Notes

The Context field for interpreting barcode scanner input in the Scan, Pack and Ship screen and task now includes a Pack by Product by Qty option. This option allows you to pack an item based on the product code and to specify the quantity of items that you are packing.

You can now enable an Extended Packing mode in the Scan, Pack and Ship Workflow task. The extended packing options include an Extended Packing button that you can click to open the Standard Packing Workflow task. Then, within the Standard Packing task, you can pack inner packs within outer packs. The other extended packing option is the Serial Number and TAG links button that you can click to link a serial number to TAG or unlink a serial number from TAG.

You can also configure the Scan, Pack and Ship Workflow task to only permit packing based on scanned barcodes by disabling buttons on the Shipment and Pack Toolbars

An issue with weight recalculation if the tare weight is adjusted when adding or removing an item has been fixed.

The relevant system values are listed in the following table.

**Table 4**

New System Values to Configure the Scan, Pack and Ship Workflow Task

System Value Key	System Value Category	Description
ADVANCED_PACKING_MODE	SNPKWF	Enable extended packing options on Scan, Pack and Ship workflow task.  Possible values: yes, no  Default value: no
BARCODE_ONLY_PACKING	SNPKWF	Disable the Copy Selected Pack, Copy Selected pack - Infinite, and Copy Selected Pack Header buttons on the Packs tab and all buttons on the Items To Be Packed toolbar of the Scan, Pack and Ship workflow task.  Possible values: yes, no  Default value: no

### Charge Table

The system now runs additional validation during the uploading of charge table files.

## Delivery Exception Management (DEM)

### Supplier Integrations

- DEM supports a number of new supplier tracking updates.

**Table 5**

New Supplier Tracking Updates in the QAD GTTE v20.7 Release

Supplier	Status Message Format
DHL Parcel Spain <sup>1</sup>	API (Date Range)
GLS Czech Republic <sup>1</sup>	API (Tracking)
Maresa	API (Webhook)

<sup>1</sup>This integration captures proof of delivery.

- DEM includes enhancements for the following supplier integrations.

**Table 6**

DEM Supplier Integrations Enhanced in the QAD GTTE v20.7 Release

Supplier	Enhancement
Dachser	EDI (IFTSTA D01C): The default tracking level has changed from consignment to package. The new default level does not apply if the supplier is already active.
Steenbergen	XML (Proprietary): New code conversion mappings improve data feed translation accuracy.
Deutsche Post	API (Tracking Number): The integration now includes a direct tracking URL for deliveries, providing easier access to shipment information.
FTN	EDI (ANSI X12 214 4010): The integration now parses Signed By data from the L1101 segment

- The total number of recognized suppliers listed by the Create Supplier Wizard is now **133**.

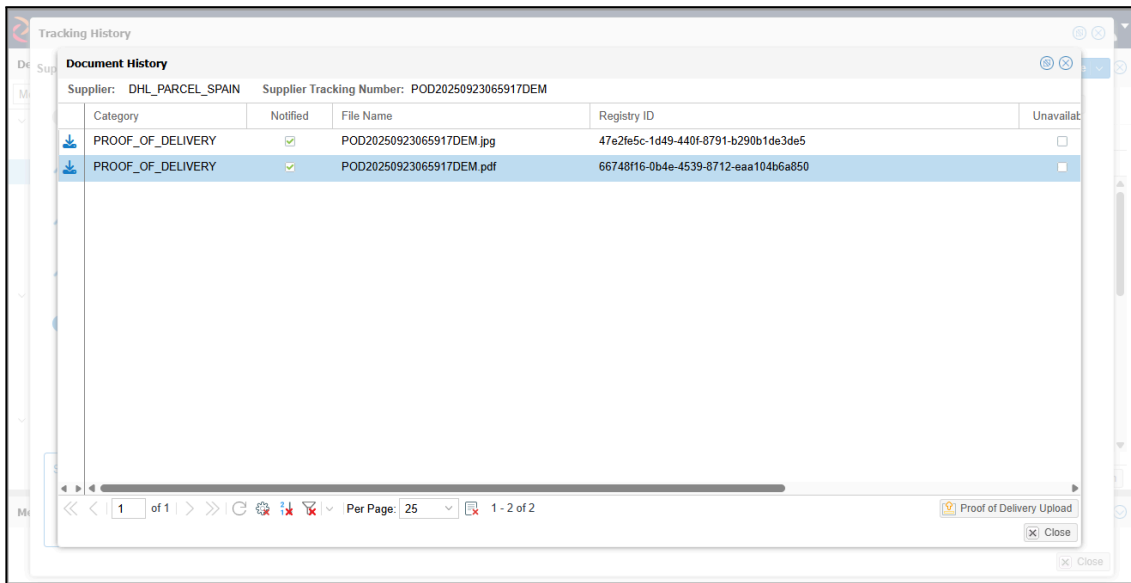
### Enhanced Proof of Delivery (POD) Functionality

This release introduces significant improvements to the handling and reliability of POD documents.

- DEM has been updated to support associating multiple POD documents with a single delivery. The system can now process various file formats, including PDF, GIF, JPEG, PNG, and TIFF. Additionally, new logic has been implemented to prevent duplicate POD files from being loaded into the system if a carrier sends the same file multiple times.
- You can now access POD documents more efficiently through a new Document History suboption available from the Deliveries screen. This feature enhances visibility by displaying the POD file's original file name in the Document History window. For streamlined navigation, a direct link to this Document History window is available on the Tracking History screen, providing quick access to the documents.

**Fig. 7**

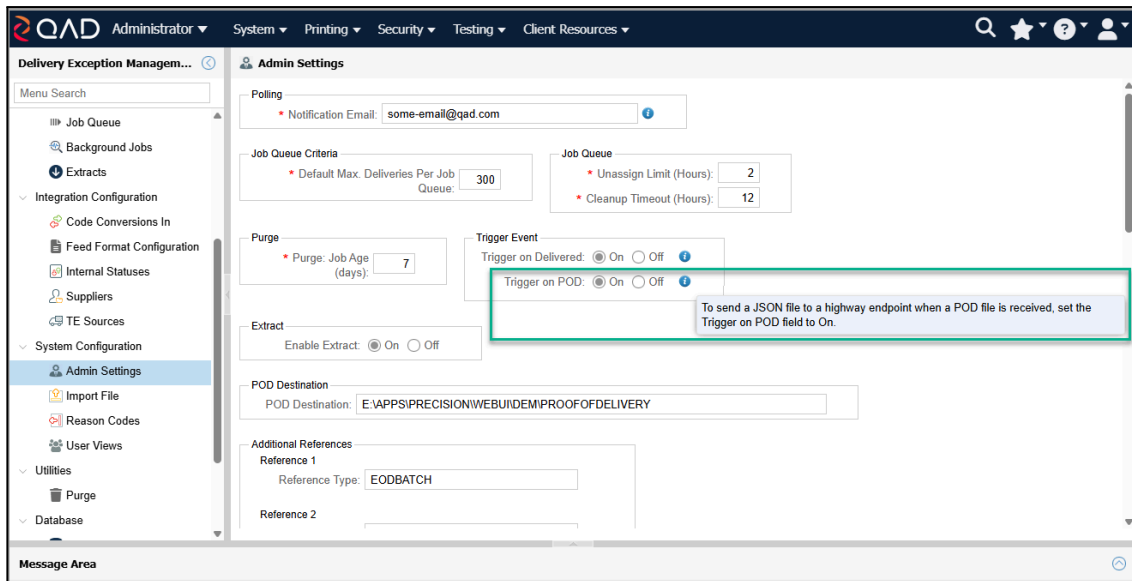
Document History Information Accessible from the Tracking History Screen



- A new background job, Delivered POD Notification Management, generates a JSON notification file with details about recent deliveries for which a POD file has been successfully received. To enable this job, set the Trigger on POD field in the Admin Settings screen to On.

Fig. 8

Admin Settings Screen



## API Credential Management

To support different carrier credential models, DEM now provides a more flexible way to manage API credentials. Some carriers issue a single set of credentials for a customer, while others provide unique credentials for each specific account a customer holds.

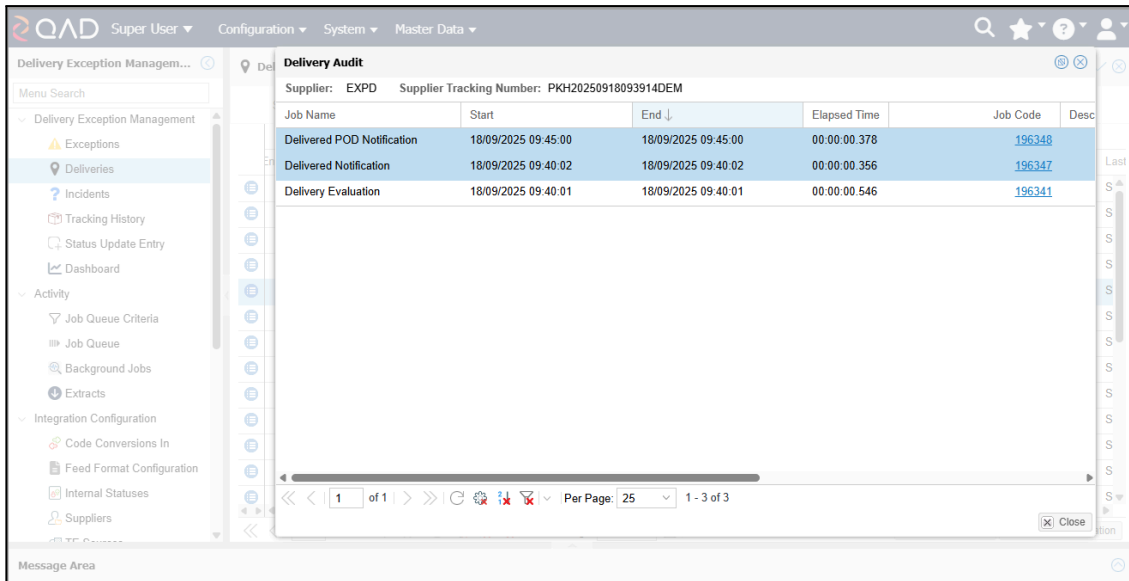
DEM now supports both scenarios by allowing API credentials to be defined at the individual account level. If credentials are not specified for a particular account, the system uses the credentials stored on the main supplier record. This enhancement provides greater flexibility for complex supplier setups.

## User Experience and Usability Improvements

- You can now manually trigger an evaluation for deliveries that are already closed. This functionality is enabled by removing the restriction that prevented evaluation of closed deliveries. The new process includes a check to ensure the action can only be performed on deliveries with a current status of Pending Evaluation.
- Information about the Delivered Notification and Delivered POD Notification jobs is now displayed in the Delivery Audit suboption menu on the Deliveries screen.

Fig. 9

### Delivery Audit Suboption on the Deliveries screen



- The supplier configuration process has been updated to provide more flexibility. It now allows proof of delivery (POD) documents to be captured through an API or SFTP, independent of the method used for shipment tracking. This update means that a single supplier integration, such as DHL Spain, can now use an API for tracking updates while retrieving POD documents through SFTP.
- You can now manually purge background jobs from the Purge screen in the DEM Portal.
- You can now configure the system to automatically delete archived deliveries after a specified number of days.

### Miscellaneous Enhancements and Fixes

- An issue, whereby deliveries could be incorrectly assigned the Pending Evaluation status after being closed, is now resolved. Also, the auto-close process now correctly excludes deliveries that are pending evaluation.
- An issue, whereby the encryption type property was missing from FTP server records, has been corrected.
- An issue with the interpretation of character encoding in API responses has been resolved, ensuring data from all suppliers is handled correctly.
- A fix has been implemented to correct the formatting of party addresses.
- An issue that prevented the successful saving of time-range data on the Admin Settings screen has been resolved.

### OTM Integration

The OTM External Rating Service now supports both Web Service (SOAP) and RESTful XML requests. Previously, only Web Service requests were supported.

**Table 7**

External Rating Endpoints Available to OTM

Endpoint	Description
/otm/api/shipments/rating	This endpoint is used for RESTful requests. It supports OAuth 2.0 authentication and expects an XML message detailing Rate Basis Items (RBIs).
/otm/externalRating	This endpoint is used for Web Service requests. It supports Basic HTTP authentication and expects a SOAP message detailing RBIs.

The OTM External Rating Service has been enhanced to better handle hazardous materials (hazmat) rating. For accurate rate calculations on hazardous materials shipments, GTTE expects OTM to provide these additional RBIs:

- SHIPMENT.SHIPUNITS.LINES.IS\_HAZARDOUS
- SHIPMENT.SHIPUNITS.LINES.HAZMAT\_ITEM\_GID

Lithium batteries are represented by multiple GTTE records under the generic UN code 3480, reflecting the variety of battery types. Hazardous item IDs are required to align with GTTE UN records. Also, any Hazmat Item Global Identifiers (GIDs) starting with UN will have the prefix removed by the OTM External Rating Service.

When products are identified as hazardous, the SHIPMENT.DEST.SHIPUNITS.\* RBIs are not used.

## Web UI Updates

The v20.7 release includes all fixes from Web UI patches 12.0.0 through 12.0.1, as well as a number of additional improvements. Details of both are listed below.

### Compliance

- The CSV error file generated when uploading PRNR, PRCT, and RPRC check details through the Compliance Checks screen, menu option CKCFG, has been improved. Errors now retain the original input data, making it easier to review and correct issues.
- Several new data integrity checks have been added:
  - Virtual Field Data Validation
  - Virtual Field Destination Country Check
  - Virtual Field End Use Industry Code Check
  - Virtual Field End Use Questions Check
  - Virtual Field Header Item End Use Code Check
  - Virtual Field Line Item End Use Code Check
  - Virtual Field Test Of Suspicion Check
- An issue in Compliance Batch DPL Data Scrub, where CSV files containing non-Latin characters were incorrectly flagged as binary files and rejected, is resolved. These files are now recognized and processed correctly.
- An issue, where the DPL CONTENT LINKS system value could not be saved if it exceeded 4000 characters, is resolved. The system now saves longer content by

splitting it across multiple system value records, allowing all compliance links to be stored.

### Content Upload History

- An issue, where selecting the HU option caused the page to appear blank, is resolved.

### Desktop Shipping

- You can now specify the Shipment Texts record where the contents of the Special Instructions field in the Origin/Destination step is stored. Previously, the contents of the field were always stored in the record with the shipment text ID 028. To change this default setting, use the TEXT ID - SPECIAL INSTRUCTIONS system value in the SPS category.
- A number of new fields are included in the Desktop Shipping template to provide additional control over the contents of the Desktop Shipping wizard steps. For more information, see [Desktop Shipping Templates](#).
- An issue where shipments could not progress when the DTS WEIGHT FORMAT system value was set to LB/OZ and the Tare Weight field was hidden is fixed.

### End of Day

- The End of Day screen is enhanced so that the BBX Master Labels window no longer appears automatically when a new batch is created. The window now only opens when a specific Batch Action is executed, with all other batch functionalities unaffected.
- An issue with End of Day (EOD) batch constraints, where multiple carriers defined in the system parameter EOD - BATCH CONSTRAINT - 1 did not display correctly in the Web UI, is fixed. Route code constraints now appear for all carriers specified, allowing batches to be filtered by service codes as intended.
- An End of Day (EOD) batch failure issue caused by a non-standard CREATEFILECARRIER action is fixed. The issue was due to a missing separator in the pipe-separated list.

### Inquiry

- Validation errors are now displayed correctly.

### Locales

- The option code for the Locales screen is now FNDCL0. Previously the option code was FNDC\_LO, which exceeded the allowed length and prevented updates of the menu description.

### Log Info

- An issue with the Log Files screen (LI) , where certain log files could not be downloaded after security updates to prevent directory traversal, is fixed. The system now automatically interprets a trailing backslash (\) in the LOG ADMIN: FILES system value as \*.\* , removing the need to manually update the configuration.

## Master Data Maintenance

- An issue where the Employee role (NRNI) was not being set or applied correctly for newly created partner records is fixed.

## Rate Shop

- The Rate Shop Address tab is enhanced to allow users to enter Ship To addresses without city or postal code validation. This enhancement enables addresses with postal codes or locations not defined in the system to be used. A new Disable validation on City and Postal Code checkbox in the Ship To section, controlled by the ITRAX system value RATESHOP DISABLE VALIDATION, determines whether validation runs.
- An issue with the Rate Shop Postal Codes tab is fixed. The Postal Code field now correctly displays in blue to indicate it is mandatory.

## Routing Guide

- A validation issue, where the Web UI allowed invalid combinations of states and countries in Endicia routing rules, is fixed.
- An issue, where using the Renumber Sequence button in the Routing Guide deleted all routing rules for a given origin, is resolved. The function now preserves the rules as intended.
- An issue in the Routing Guide where entering invalid values for the Rule Book tab did not display an error prompt, and selections on the Accessorials tab were not retained, is fixed.

## Workflow

- In the Create Shipment pop-up dialog, accessible from the Create Shipment button in the Workflow Portal toolbar, the system now validates that the shipment has at least one item line before the shipment is created.
- In the Create Shipment pop-up dialog, accessible from the Create Shipment button in the Workflow Portal toolbar, it is now possible to specify the UN class associated with an item.
- A new system parameter, CREATE SHIPMENT DEFAULT CURR, has been introduced. It allows the currency field to start blank or with a specified value when creating a shipment.
- An existing Workflow task has been enhanced to generate an Excel document. For more information, contact QAD GTTE Services.
- Copied shipments now show the correct total weight, taking into account the quantity of each item.
- An issue preventing users from deleting Workflow Search Templates is fixed.
- An issue with Excel export is fixed so that Bill of Exchange Date appears properly and no unnecessary columns are included.
- An issue, where copying a shipment did not correctly increment the NEXT SHIPMENT NUMBER - S system value when using large or 10-digit values, is fixed.

## XML Export

- An issue with XML extraction in the Web UI, where date and time were not recorded, is fixed. The extraction process now ensures that creation and modification timestamps are correctly included, maintaining data consistency across systems.

## Workflow - AES Task

- The AES commodities grid now displays a Domestic/Foreign (D/F) flag for each HTS record.

## Workflow - Manifest Task

- An “Index 3 out of bounds for length 3” problem that blocked rating for some shipments is resolved, ensuring they can now be processed without this error occurring.

## Workflow - Shipment Documents Task

- In the Documents (new) Workflow task, validation is now carried out on the Email address field to ensure that the field is not empty and does not contain invalid email addresses.
- In the Documents (new) task, you can now attach an image file to the document. The image can also be viewed using the Preview button.
- The Documents (new) Workflow task now supports XLSX files. For more information, contact QAD GTTE Services.
- Emailing of documents from the Documents (new) task has been enhanced to include image and XLSX file types.
- The Document Distribution List History grid in the Documents (old) Workflow task now shows Last Modified Time in the user’s local timezone instead of the application server timezone.

## Guide Me

- Guide Me is now enabled by default, and the Content-Security-Policy (CSP) no longer interferes with its functionality.

# Transportation Execution - Global Carrier Network

## Introduction

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

## General Enhancements

### Black Box – General Changes

Shipment actions are now allowed in the ProcessShipmentLine message.

Labels are now printed once for a ProcessShipment message with a PRINT action.

The Service is not defaulted onto the shipment for a RateShopShipment result when the rate shopping result is a failure result.

### LTL – Check Digits Added

- CTII (Central Transport)



## Carrier-Specific Enhancements


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






The number of new carrier integrations added is **10**, while **43** existing integrations have been notably enhanced in this release.



Carrier	Note
AMP Groep	<b>Mapping</b> + Correction for the mapping of the orderReference field.
Aramex	<b>Communication</b> + The system now supports the use of XTTRANSF for the label retrieval.
Canada Post	<b>Rating</b> + Support for 2025's 128-Rate-Matrix rate structure.
CBL	<b>Communication</b> + Support for SFTP of the end-of-day manifest file.

Carrier		Note
Dachser		<p><b>Label</b></p> <ul style="list-style-type: none"> <li>+ You can now specify an alternative label layout.</li> </ul>
Danx		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for REGULAR service.</li> </ul>
DHL TD		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for Paperless upload of documents for non-US origin.</li> </ul>
DHL Freight		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for EURapid service.</li> </ul>
DHL MyDHL API		<p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Postal code is not mandatory for all countries.</li> </ul>
DHL Paket (EDI)		<p><b>Communication</b></p> <ul style="list-style-type: none"> <li>+ The system now supports the use of XTTRANSF for API communication.</li> </ul> <p><b>Label</b></p> <ul style="list-style-type: none"> <li>+ Support for minor changes requested by the carrier.</li> </ul>
DHL Paket (API)		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for Kleinpaket service.</li> <li>+ Support for Premium service.</li> </ul>
DHL Parcel Poland		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support the emailing of the manifest document.</li> </ul> <p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Support the indicator of Consumer.</li> <li>+ Support mapping of the house number and letter/extension.</li> </ul>
DHL XML PI		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for Formal Clearance service.</li> <li>+ Support for storing large sets of labels returned by the API for high numbers of packages on shipment.</li> </ul>

Carrier		Note
		<p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Support for Windsor Framework requirements.</li> <li>+ Some changes for the mapping of lithium batteries.</li> </ul>
<b>Direct Freight</b>		<p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Correction for the unit of measure conversion for the package dimensions.</li> </ul>
<b>Disgon</b>		See the Carrier Functionality Guide for more details on this carrier.
<b>DPD France API</b>		<p><b>Label</b></p> <ul style="list-style-type: none"> <li>+ Support for the customized extension to the carrier-generated label.</li> </ul> <p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support a combination of multiple references sent to the carrier to print on the Ref1 field on the label.</li> </ul>
<b>DPD Meta API</b>		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for B2B Classic services.</li> </ul>
<b>DSV Europe</b>		<p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Support for the Collect freight payment method.</li> <li>+ Allow the NAD+PW (Pickup Address) to be determined through alternative criteria.</li> </ul>
<b>DSV Road UK</b>		See the Carrier Functionality Guide for more details on this carrier.
<b>DSV South Africa</b>		<p><b>Label</b></p> <ul style="list-style-type: none"> <li>+ Support for the shipment-level label, which is additional to the package-level label.</li> </ul>
<b>Endicia</b>		<p><b>Communication</b></p> <ul style="list-style-type: none"> <li>+ The system now allows the use of XTTRANSF as the default API calling method.</li> </ul>
<b>Englmayer</b>		<p><b>Communication</b></p> <ul style="list-style-type: none"> <li>+ Support for SFTP of the end-of-day manifest file.</li> </ul>

Carrier		Note
Expeditors		<p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Support for the mapping of the package dimensions.</li> <li>+ Support for the mapping of the Ship To party identifier.</li> </ul>
FedEx FSMS		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for the FedEx Surround service.</li> <li>+ Correction for how the Form Id is retrieved for multi-package shipments.</li> </ul>
FedEx Rest API		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for the FedEx Surround service.</li> </ul>
FedEx WebServices		<p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Special requirements for FedEx Freight for packages exceeding specific dimensions.</li> <li>+ Revisions to mappings for the ETD service.</li> <li>+ Specific mappings for lithium battery and non-magnetized materials.</li> </ul>
GLS Czechia		See the Carrier Functionality Guide for more details on this carrier.
GLS Denmark		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for the newer API schema version.</li> </ul>
GLS US		<p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Support for the mapping of configurable notification types.</li> </ul>
Hamann		<p><b>Label</b></p> <ul style="list-style-type: none"> <li>+ Support for the customized extension to the carrier-generated label.</li> </ul> <p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Support for the mapping of dangerous goods information.</li> </ul>

Carrier		Note
Hellmann Nightstar		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ The system now allows for a routing code specific to a recipient Id.</li> </ul> <p><b>Label</b></p> <ul style="list-style-type: none"> <li>+ Support for longer routing data on the label.</li> </ul>
ICS Courier		<p><b>Label</b></p> <ul style="list-style-type: none"> <li>+ Support for French accented characters on the label.</li> </ul>
Integra2 (Logista)		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ The system now allows reuse of package sequence numbers in on-the-fly consolidation processing.</li> </ul>
JEP		See the Carrier Functionality Guide for more details on this carrier.
K&N France		<p><b>Label</b></p> <ul style="list-style-type: none"> <li>+ The system now outputs the country name of the recipient if it is not France.</li> </ul>
Lagermax		<p><b>Communication</b></p> <ul style="list-style-type: none"> <li>+ Support for SFTP of the end-of-day manifest file.</li> </ul>
LMO		See the Carrier Functionality Guide for more details on this carrier.
Maresa		See the Carrier Functionality Guide for more details on this carrier.
Passport Global		See the Carrier Functionality Guide for more details on this carrier.
Postnord API		See the Carrier Functionality Guide for more details on this carrier.
Purolator		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Updated to integration version v9.6.0.</li> </ul>
Raben Group		<p><b>Label</b></p> <ul style="list-style-type: none"> <li>+ Corrections for the printing of the QAD-generated label.</li> </ul>

Carrier		Note
Seur		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Specific logic for the determination of routing to Andorra.</li> </ul>
SF Express (Open API)		See the Carrier Functionality Guide for more details on this carrier.
SLS Benelux		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ The system now allows tracking number ranges and pickup numbers to be shared across packing locations.</li> </ul>
SMC3 EVA API		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for eBill of Lading (eBOL).</li> </ul>
Steenbergen		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for on-the-fly consolidation.</li> </ul>
TIPSA		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ Support for a configurable consolidation reference.</li> </ul>
TNT Australia		<p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Correction for the unit of measure conversion for the volume.</li> </ul> <p><b>Label</b></p> <ul style="list-style-type: none"> <li>+ Support for the output of the service name in regular text for scenarios where it is not printed in inverse-video text.</li> </ul>
TNT France		<p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Support for the output of the Dangerous Goods descriptions in French.</li> </ul>
United Delivery Service (UDS)		See the Carrier Functionality Guide for more details on this carrier.

Carrier		Note
UPS		<p><b>Engine</b></p> <ul style="list-style-type: none"> <li>+ The system now allows Paperless to be used for Returns.</li> <li>+ Changes to dimensional rounding for US domestic services.</li> <li>+ Support for the rating API to use a different variant in the call if the number of packages exceeds 50 packages.</li> <li>+ Corrections on handling of lithium batteries to Alaska and Hawaii.</li> <li>+ The system now allows Worldease to handle a larger range of unique master shipment references.</li> </ul> <p><b>Label</b></p> <ul style="list-style-type: none"> <li>+ Support for shorter text for lithium battery descriptions.</li> <li>+ Support for right-alignment of the routing indicator and routing version.</li> <li>+ Correction to the size and position of the black box for the Standard service when using the WorldEase service.</li> </ul> <p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ The system now allows the Trade Direct product type to be configurable.</li> <li>+ Shipments from the EU to Northern Ireland are now treated as International.</li> </ul>
UPS SCS Partsflow		<p><b>Mapping</b></p> <ul style="list-style-type: none"> <li>+ Support for mapping of configurable references from the package level.</li> </ul>

## Reports

### New Report

One new report is available in the 20.7 GTTE release.

**Table 8**

New Report in QAD GTTE v20.7

<b>QAD GTTE Module</b>	<b>Report Name</b>	<b>Description</b>
Core Information  Catalog: QAD-GTTE.cat.xml	User Listing Report	<p>The User Listing section of the report provides the last login date, within a specified date range, for each user in the system. If a user has not logged in within the specified date range, the last login date for that user is shown as None. The information is listed by user ID.</p> <p>The Users by Date section of the report provides the list of users, within a specified date range, who logged into the system on a particular date. The information is listed by date.</p> <p>This report replaces the legacy User Count Assessment (UCA) report.</p>

## Technical

### APIs

#### OAuth 2.0

By default, access tokens issued by the OAuth 2.0 token server (Auth0) have a time-to-live setting (TTL) of 24 hours. In this release, the solution supports reducing the TTL to a shorter duration. To request a change, customers must raise a support ticket.

#### Database Transaction Timeout

An issue where certain long-running processes, such as compliance checks or shipment updates, failed in the past due to short database timeout values is now resolved. The system now applies a safe minimum timeout to prevent these errors.

#### Shipping APIs

Two new RESTful shipping APIs, ConsolidateShipments and ProcessShipmentLines, have been added in addition to the existing RESTful shipping APIs and standard shipping web services.

**Table 9**

New TE RESTful APIs

API	Description
/te/api/shipments/ <b>consolidate</b>	Consolidates shipments in GTTE, allowing consolidations to be created and shipments added to them. A Rule action can also be applied, enabling shipping rules to run directly against a consolidation.
/te/api/shipments/ <b>processlines</b>	Adds, updates, or removes item lines on a given shipment.

The TE Swagger page now lists 11 shipping endpoints, providing sample requests, XML schemas, and the ability to try out the API functionality.

Authentication for the RESTful APIs is done using secure OAuth 2.0 access tokens.

Admin users can now access the latest XSDs directly from the GTTE menu. These [XSDs](#) define the structure of message payloads for the TE RESTful APIs.

Fig. 10

Menu Link to the Latest XSDs

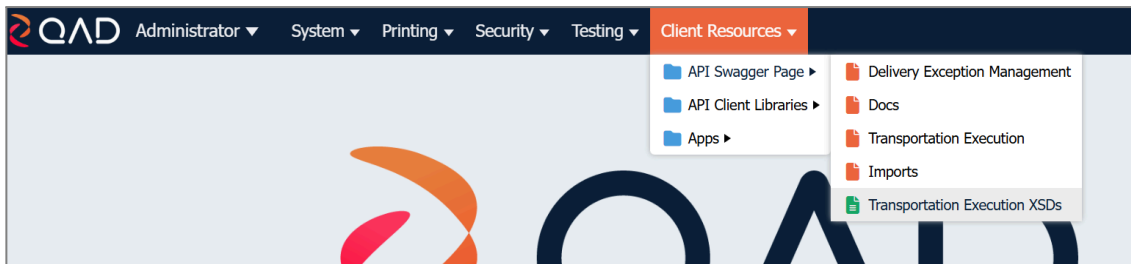


Fig. 11

RESTful Shipping APIs in Swagger

Shipments		Listed below are APIs for working with shipments.		^
POST	/api/shipments	Create a shipment in GTTE.	🔒	▼
POST	/api/shipments/void	Void a rated shipment in GTTE.	🔒	▼
POST	/api/shipments/update	Update certain information about an existing shipment.	🔒	▼
POST	/api/shipments/ship	Create and process a shipment in GTTE.	🔒	▼
POST	/api/shipments/reprint	Reprint the labels and documents for an existing shipment.	🔒	▼
POST	/api/shipments/quote	Perform a rate shop of carrier services and their costs based on shipment information.	🔒	▼
POST	/api/shipments/query	Retrieve information about an existing shipment.	🔒	▼
POST	/api/shipments/process	Perform one or more actions against a shipment.	🔒	▼
POST	/api/shipments/process-lines	Perform one or more actions against a shipment line.	🔒	▼
POST	/api/shipments/process-eod	Process an end of day request.	🔒	▼
POST	/api/shipments/consolidate	Consolidate shipments in GTTE.	🔒	▼

## Root APIs

A comprehensive set of Root APIs has been added for interacting with core data entities. These APIs provide a standardized way to perform CRUD (Create, Read, Update, and Delete) operations on both master and transactional data.

Each set of endpoints corresponds to a specific database entity; for example, country, partner, or shipment. Requests for creating or updating records use application/json, and all API responses are returned in JSON format. The fields in each JSON object map directly to the columns of the corresponding database table.

Authentication is handled using secure OAuth 2.0 access tokens.

**Table 10**

## Root API Endpoints

Operation	HTTP Method	Endpoint Example	Description
Get (by ID)	GET	/[{EntityName}]/findById.ajax	Retrieves a single entity record using its keys as query parameters.
Find (Query)	GET	/[{EntityName}]/findByCriteria.ajax	Retrieves a list of entity records based on filter criteria sent as query parameters.
Find (Paged Query)	GET	/[{EntityName}]/findByCriteriaPaging.ajax	This operation is similar to findByCriteria but adds support for pagination, allowing you to retrieve a specific subset of results from a large dataset.
Create	POST	/[{EntityName}]/create.ajax	Creates a new entity record from a JSON body.
Update	PUT	/[{EntityName}]/update.ajax	Updates an existing entity record from a JSON body.
Save or Update	POST	/[{EntityName}]/saveOrUpdate.ajax	Creates a new record or updates an existing one from a JSON body.
Delete	DELETE	/[{EntityName}]/delete.ajax	Deletes an entity record, identified either by query parameters or a JSON body.
Find Children	GET	/[{EntityName}]/findChildByCriteria.ajax	Retrieves child records related to a parent entity.

## XSDs

The following XSDs, which define the XML structure used in API requests and responses, have been updated.

**Table 11**

XSDs Updated for the GTTE 20.7 Release

<b>XSD</b>	<b>Scope</b>	<b>Description</b>
RateShopShipment	WS, SOA, RESTful	The Phone element length has been increased from 10 to 30 characters.
ProcessSPSResponse	WS, SOA	The ErrorPageURL element length has been increased from 200 to 2000 characters.
SPSResponse	SOA, RESTful	The ErrorPageURL element length has been increased from 200 to 2000 characters. Added new elements: DeliveryTerms, PaymentTerms, and OtherReference.
TEResponse	RESTful	The lang attribute has been renamed to language.
ProcessShipmentLines	WS, SOA, RESTful	A new Type element has been added under the Action element.
Library	SOA, RESTful	The duplicate Supplier element has been removed.
Library	SOA	The NumberOfErrors element was changed from a reference to a named element with an explicit type definition.

## MasterDataQuery API

The MasterDataQuery web service has been reinstated in this version of GTTE.

## Web Security

- The microservices are using Spring Boot 3.5.4.
- Web UI now uses Spring Framework 6.2.8 and Spring Security 6.4.7.
- Tomcat is updated to 10.1.40 and GTTE has been updated to use the jakarta namespace. Note that the Reports module continues to run on Tomcat 9.
- ActiveMQ is updated to version 6.1.7.
- This release addresses all high-severity SCA and SAST findings. No critical or high DAST issues remain, and all penetration test findings have been cleared, reinforcing system security.
- DWR calls have been replaced with updated AJAX calls.

- Ehcache has been updated to version 3.

## Extensions

The extensions framework has been enhanced to simplify calls to both the Root API and Highway. Client libraries are now included to support easier integration and interoperability.