



PRECISION  
A DIVISION OF QAD INC.

# Highway Release Notes (3.1)

**Date:**

April, 9, 2009

# Document Control

## Issue Control

Issue	Date	Changes Made
1.0	9 Apr 10	Created

## Cross Reference

## Change Summary

Nr.	Description	Date	By whom
1.0	Created	09/04/10	Peter Evans

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## Highway

Highway version is now 3.1.9.1

### Enhancements/Fixes

Highway 3.1 SP9.1 -

\* HTTP Post

- Can now post messages to Highway using "/highway/http/SubmitPayloadMessage2". This allows you to post both synchronous and asynchronous payload message to Highway.

The SubmitPayloadMessage2 URL uses the following new Highway Settings -

HTTP\_DEFAULT\_ENDPOINT\_ID2  
HTTP\_DEFAULT\_MESSAGE\_ID2  
HTTP\_DEFAULT\_SYNCHRONOUS2

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Highway 3.1 SP9 -

\* Folder Writer

- When a message is written to disk and the message is a String then the file encoding used can now be set using the "encoding" server property. If an "Encoding" property exists on the message then that will be used if no server property is specified.

\* Folder Reader

- When a message is read from disk the bytes are now by default assumed to be UTF8 encoded. This can be overridden by assigning a message property of "Encoding".

\* JMS Reader

- Fixed possible null pointer exception which was introduced as part of 3.1.8 changes to support Tibco JMS queues.

\* Misc

- Included "AppleWrapperDecodePlugin" plugin in Highway release.

\* HttpListener

- Modified response so information returned is always UTF-8 encoded.

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Highway 3.1 SP8

\* XML Data Export/Import

- Fix issue with data import/export. Integer, double and date values were not being imported correctly.

\* JMS Reader

- Provide support for reading from Tibco JMS queues.
- Output additional log information when JMS connection fails.

\* Listener Monitoring

- Fix issue where ping messages sent from a Highway session would not return to same Highway session when JMS clustering is used.

This could lead to false positives when reporting on a listeners availability.

New Highway Setting "JMS\_IS\_CLUSTERED" is needed and should be set to "yes".

New versions of HighwayConnector.dll, HighwayListener.ocx and XTHWLISN.W are needed in order to take advantage of this fix.

"JMS\_IS\_CLUSTERED" should not be set to "yes" without these components.

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Highway 3.1 SP7 -

\* FTP

- Correct issue where certain FTP servers do not provide directory listings when queried using "../directoryName".

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Highway 3.1 SP6 -

\* FTP

- Increase user field from 30 characters to 150.
- Server property value field 15 is now masked to allow one store password information such as the proxy password.
- Remove hardcoding of FTP error code (450), now uses reply error.
- New server property "ftp.proxy.password" can now be specified when a FTP proxy needing a proxy password is being used.

\* MQ

- When reading from MQ do not close the connection after each read.

\* HTTP Message Submit

- Changed parameter based message submit so that defaults can be set using the following new Highway settings:

HTTP\_DEFAULT\_MESSAGE\_ID\_PARAM\_BASED  
HTTP\_DEFAULT\_ENDPOINT\_ID\_PARAM\_BASED  
HTTP\_DEFAULT\_SYNCHRONOUS\_PARAM\_BASED

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#### Highway 3.1 SP5 -

- \* FTP Reader
    - Changed way Highway gets a directory listing as some FTP servers did not always return the correct listing using the old method. QAD Incident CA761750.
  - \* Export/Import Data
    - It is now possible to export Highway data from one version of Highway and import it to another version using XML export/import menu options.
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#### Highway 3.1 SP4 -

- \* FTP/Folder Reader
    - Introduced a new server property that can be set against a Folder or FTP endpoint that allows one to stop Highway from reading files that are above a certain size.  
The new server property is "file.max.size" and details the max file size in kilobytes.
  - \* Highway Console
    - Allow one to identify the environment Highway is being used in, i.e. TEST, QA, PRODUCTION by displaying some environment text on the login and main Highway pages.  
The environment text is picked up from the "highway.environment" property in the highway.properties file.
  - \* Highway Skin
    - Added a "PRECISION" skin.
    - Added a Highway "favicon".
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#### Highway 3.1 SP3 -

- \* FTP Reader
  - Fix issue with changing to target directory.
- \* HTTP Writer

- Fix issue Highway trying to cache a blank endpoint. This occurs when the property "reply.endpoint" is not set.

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#### Highway 3.1 SP2 -

##### \* MQ Endpoints -

- Allow one to enable MQ tracing. A Highway setting "MQ\_ENABLE\_TRACING" can be used to activate MQ tracing.

This should be set to a value that indicates the trace level.

It can also detail a file where the trace data is outputted to. Example values are -

2

2,c:\temp\mqtrace.log

##### \* Endpoint Setup -

- Fixed issue with adding/copying Endpoint records. Invalid SQL was being used to create new Endpoint records.
- Fixed issue with writing messages to FTP/Folder endpoints when "SubTargetName" field is blank or contains spaces.

