



NWA Quality Analyst[®] 7.3 Release Update Notes

October 2024

These notes describe the update of NWA Quality Analyst 7 to the latest release, NWA Quality Analyst 7.3, and explain the process. This maintenance release is provided at no charge to customers enrolled in our Software Assurance & Support program. This release includes limited changes and minor enhancements, and you may want to review the change list below before deciding whether to update.

Note: This software is provided as a replacement of an existing, legally licensed product, and is covered by the license agreement for that product. The license does not allow for the installation or use of this product on a system or systems other than as covered by the initial license.

Note to NWA Focus EMI[®] users: As discussed in the Update Notes, do **not** update to NWA Quality Analyst 7 without contacting NWA Focus EMI Technical Support.

Note to NWA Quality Monitor, NWA Quality Information System, and NWA Quality Analyst Web Server users: As discussed in the Update Notes, do **not** update to NWA Quality Analyst 7 currently.

See the NWA Quality Analyst 7 Update Notes, available here, for more details:

https://nwadist.blob.core.windows.net/nwa/qa7_updatenotes_oct2024.pdf

How to get the upgrade to NWA Quality Analyst Version 7.3

This release is available via download from our website. This is provided as a single "zip" format file that can be downloaded using the following link:

https://nwadist.blob.core.windows.net/nwa/qa7rel7313_10212024.zip

Click on the link or enter the address into your browser to initiate the download.

Be sure to select to "Save" the file (do not try to "Open" or "Run" it directly). The zip file will be saved to the location you specify.

Unzip that file and extract the contents to your system (again, don't try to run the setup from within the zip file itself).

Follow the directions below to complete the upgrade process.

If you have problems with the download, contact NWA Technical Support.

How to upgrade NWA Quality Analyst 7 to 7.3



The update process requires installing the new release over your existing NWA Quality Analyst 7 as follows.

Installation

With administrator rights, run “**NWA QA7.msi**” to start the NWA Quality Analyst Setup Wizard.

To check if the update was successful:

Start up NWA Quality Analyst. Select "Help". Confirm that the Editor version number is 7.3.

Please contact NWA Quality Analyst Technical Support if you have any questions.

Changes from previous releases

Enhancements in NWA Quality Analyst 7.3

- There is a new "Help" available from the QA startup screen; it contains the "About" and access to the documentation PDF files (User's Manual, Installation Guide, Tutorial).
- The Quick Access Toolbar is easier to customize and reset to the default settings.
- The Graphics Viewer is available from the QA startup screen.
- There is an Exit option available from the QA startup screen.
- Added DATEONLY function in Calculations to return the date portion of a date/time variable.
- New "CP" and "CPK" functions in Calculations. (Note that subgroup size must be defined and specification limits entered for the variable, for these items to be able to be calculated.)

Problems fixed in NWA Quality Analyst 7.3

- Resolved compatibility of Exception Report output in RUN files from QA 6.x. The new "ACCA information on exception reports" is no longer included by default. Including the ACCA information can be specified when defining the Exception Report settings (QXP file definition).
- Resolved error that occurred in some circumstances when adding or removing SPC limit regions.
- Replaceable parameters used in External Specification Database lookups can now be displayed on charts.

- External Data Source Filter validation of From/To <Ask> filters improved.
- Fixed the CONNECT Run File Interpreter command to set specifications to “none” when no specs are returned from an External Specification Database lookup (instead of displaying an error).
- Resolved issue changing the Lot ID stability parameter.
- Resolved issue with “Value as list” for <Ask> External Database Data Source Filter.
- Subgroup Size can be based on variables with the A, D, T, or N data types.
- The generate random numbers data tool now allows non-integer limits for “real” numbers min, max, mean, and standard deviation.
- Resolved single precision rounding issue when the Decimal Places variable parameter was set to “Automatic” or “0”.
- Resolved arithmetic overflow error for some Assignable Cause Corrective Action Reports.

Enhancements in NWA Quality Analyst 7.2

- New "Generate Run Files" and "Generate Parent Run File" utilities; these are provided as an “early look” at the future direction for Run File creation tools (replacing the Run File Wizard from NWA Quality Analyst 6.x). It will currently automate creation of simple Run files for all the variables in a QA Data Set, but has limited capabilities and some known issues. If you are interested in looking at it, contact NWA Quality Analyst Technical Support for preliminary notes on usage.
- New Query Timeout (seconds) ODBC setting.
- New “AKS Configuration” added for NWA Analytics Knowledge Suite users to switch between NWA Analytics Knowledge Suite and stand-alone modes of NWA Quality Analyst (“multi-mode”).
- Additional operations added for calculated columns (in Column Definition and Calculations):
 - DIFFMINUTES and DIFFSECONDS - the difference between two date (type D) fields
 - INSTR - position in text
 - LEN - length of text
 - IF - using "IF/THEN/ELSE" logic, this allows you to set the value of a variable based on the value of another variable.

- Added support for Infometrix Pirouette® 5.0/IPAK2 for multivariate analysis.
- Added support for Sartorius SIMCA®-Q 16 (64-bit) for multivariate analysis.

Problems fixed in NWA Quality Analyst 7.2

- Improved Oracle performance retrieving column information.
- Adjusted chart server rounding to improve out-of-spec or out-of-control alarm handling when the charted value and specification / control limit value are identical.
- Resolved licensing issue when using QARFI to create stability charts.
- Resolved issue with NWA Quality Analyst 7 chart server creating NWGs with more than one descriptive variable that couldn't be processed by NWA Focus EMI 2.3 Dashboards.

Enhancements in NWA Quality Analyst 7.1

- Integration with the 2024Q1 release of the NWA Analytics Knowledge Suite.

Contact NWA Quality Analyst Technical Support if you have questions at gatech@nwasoft.com, or by phone at (503) 224-7727.