



April 2026

WATS Client 7.X Release Note



Requirements list

- Windows
 - 11 – 64 bit
 - 10 – 64 bit
- Microsoft .NET 8
- Connection to WATS Server, minimum server version: 2021.2

Optional

- **TestStand Add-on:** TestStand (TS) version 2021 – 2026
Note: 2024Q4 is not supported
(LabVIEW example files are built with the lowest supported LV version pr TS version)
- **LabVIEW toolkit:** LabVIEW 2021 – 2026

WATS Client and Installer Versioning Conflict

The WATS Client uses a four-segment versioning scheme (X.X.X.X), while the Windows Installer supports only a three-segment version format (X.X.X). Due to this limitation, the third segment of the WATS Client version (X.X.0.X) is not included in the installer's version control mechanism.

As a result, changes to the third segment do not trigger version updates or upgrade detection in the Windows Installer. Only the segments mapped to the installer's three-segment version format are considered for installation and upgrade logic.



Important notice!

WATS Client version 7 is built on .NET 8 (also known as .NET Core). We at WATS have worked hard to ensure that version 7 remains as backward compatible as possible. However, due to changes in the .NET 8 platform, some limitations may occur. Please read the following info carefully:

- WATS Client API DLLs are no longer automatically loaded from the GAC (Global Assembly Cache). The WATS Client API DLL is named `Virinco.WATS.ClientAPI.dll` and located at `C:\Program Files\Virinco\WATS`
- **Standalone** applications, converter tools, or other executable files (including compiled LabVIEW programs) built using the WATS Client version 6.x API may still function with version 7.x, provided that certain configuration settings are added manually. For detailed instructions, please refer to this article: <https://support.virinco.com/hc/en-us/articles/19978577108508>
- `Virinco.WATS.Interface.TDM` and `Virinco.WATS.Interface.MES` DLLs have been combined into one DLL: `Virinco.WATS.ClientAPI`. Proxy DLLs for legacy support are located at `C:\Program Files\Virinco\WATS\Legacy`. These DLLs are built with .NET framework version 4.8
- TestStand sequences that directly references the `Virinco.WATS.Interface.TDM` or `Virinco.WATS.Interface.MES` DLLs from the GAC must be changed to point at the DLLs in `C:\Users\Public\Documents\National Instruments\TestStand 20NN (XX-bit)\Components\WATS_ModelSupport\WATS_Teststand_Support`.
- Converters that specify a file encoding codepage for reading a file using `Encoding.GetEncoding(int codepage)` will fail, and needs to be recompiled with the following code line added:
`Encoding.RegisterProvider(CodePagesEncodingProvider.Instance);` Converters inheriting from the `TextConvertBase` base class are not affected.



Change history

7.1.0.14

Release date 2026-Apr-28

- WATS Software Distribution Package Manager
 - Package Manager settings are controlled from WATS Client Configure and from System Manager in WATS (2026.2 and newer).
 - Added support for prefetching packages. If enabled, available packages will be downloaded to a temporary folder as a background process. This improves the installation time of packages.
 - Added support for using the Package Install Option set in WATS Production Manager (2026.2 and newer).
 - Added setting to deactivate Package Manager.
 - Added setting to choose which action the Package Manager takes when it discovers packages:
 - None, Package Manager do not take any action.
 - Bring to front, pops up the Package Manager when packages are available.
 - At computer startup, automatically installs packages when the computer is starting up.
 - When ready, automatically installs packages as soon as they are available.
 - Added support for ComputerName tag.
 - Added Delete Revoked Packages button.
 - Added Delete All Packages button.
- When downloading Software Distribution packages, files are downloaded in parallel. This improves the download time of packages.
- The WATS Client reintroduces the four-segment versioning scheme (X.X.0.X).
- Added support for manually editing GPS coordinates in WATS Client Configure.
- Yield Monitor settings are controlled from WATS Client Configure and from System Manager in WATS (2026.2 and newer).
- Added explicit support for Register Client tokens in WATS Client Configure. Pasting token in the password field is still supported.
- Automatically removes the LabVIEW add-on when uninstalling the WATS Client.
- LabVIEW add-on
 - Improved Newtonsoft.Json.dll dependency for EXE build
 - Improved Asset tags output in “Get Asset”
- TestStand add-on
 - Fixed an issue with “MES Enabled” and Translation in the support dll

Bugfixes:

- If Test Connection in WATS Client Configure failed, a report was left as pending.
- Converter post processing action Zip did not work.
- Software API method DeleteAllPackages deleted packages, but they were still marked as installed.
- Network calls to WATS did not use the Timeout parameter.



7.0.179

Release date: 2026-Mar-24

- Added support for TestStand 2026
- Added support for LabVIEW 2026

Bugfixes:

- TestStand add-on failed to parse statuses with wrong casing, instead falling back to default status.

7.0.178

Release date: 2026-Jan-16

Bugfixes:

- API methods that open a popup did not work when called from LabVIEW or TestStand.
- ATML-Importer did not set Batch Serial Number.

7.0.156

Release date: 2025-Oct-06

- Added support for Asset Tags to the Asset API in the LabVIEW toolkit.

Bugfixes:

- TestStand add-on step Set Operation Type gave error when opening Edit Step.
- Converter state in WATS Client Configurator showed nothing when the converter had not been started yet.

7.0.145

Release date: 2025-Aug-28

- Added support for TestStand 2025Q3
- TestStand WATS add-on no longer requires LabVIEW to be installed.

Bugfixes:

- Connecting the WATS Client after disconnect sometimes gave Unauthorized error.
- Client Monitor's "Reports created" did not reset when computer restarts.
- WATS Launcher tooltip displayed wrong statistics.

7.0.140

Release date: 2025-Jul-01

Bugfixes:

- Each opened WATS Package Manager ran as a separate background process after closing the window.

Beta 7.0.138

Release date: 2025-Jun-19

Bugfixes:

- WATS Package Manager prompted that there are files to download when files with OverwriteNever or OverwriteOnNewVersion have been modified.
- WSXF-Importer allowed UUR reports with ReferenceUUT value that is not a GUID.

Beta 7.0.136

Release date: 2025-May-23

Bugfixes:



- WATSTray.exe was unable to close on uninstall/update.
- WATS Client Configurator could be opened without needing Administrator rights.

Beta 7.0.133

Release date: 2025-May-14

- Updated WATS Client applications and API DLLs to .NET 8.
- WATS Client API DLLs are no longer automatically loaded from the GAC (Global Assembly Cache). Use Virinco.WATS.ClientAPI.dll
- Virinco.WATS.Interface.TDM and Virinco.WATS.Interface.MES DLLs have been combined into one DLL: Virinco.WATS.ClientAPI.
- TestStand
 - The Sequential Identify UUT is now based on .NET, not LabVIEW.
- LabVIEW
 - The Toolkit now load the WATS Client API from a DLL file in re *(...)\WATS TDM - LabVIEW Toolkit - SourceCode\SupportFiles\WATS API*
 - Applications built on WATS Client version 6.x should be updated with the new toolkit.
- Known issues:
 - When uninstalling WATS Client 7.x or upgrading from a 7.x version, the installer is unable to close WATSTray.exe. It will uninstall or upgrade anyway.
 - WATS Client Configurator can be opened without needing Administrator rights.