

November 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

- **.NET Framework 4.8:** When using Client API with legacy integrations
- **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

The WATS Client uses a four-part version number (A.B.C.D), while Windows Installer supports only three parts (A.B.C). To fit this format, the installer omits the WATS Client version's third part. For example, 7.1.0.14 is represented as 7.1.14 for installer version checks.

Because that part is omitted, changing it alone will not trigger version detection or an upgrade. Installer upgrade checks use only the version parts represented in the three-part installer version.

Why Virinco.WATS

The Virinco.WATS namespace reflects the company's former name, Virinco. Although the company is now The WATS Company, the namespace is retained for backwards compatibility. Existing applications and integrations may depend on it, so changing it could require customers to update and rebuild their code. As a result, the API continues to use Virinco.WATS.

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Important: **WATS Client 7 compatibility notes**

WATS Client 7 is built on .NET 8. We have worked to maintain compatibility with earlier versions, but some changes may require updates to existing applications and integrations:

- **API DLL loading:** WATS Client API DLLs are no longer loaded automatically from the Global Assembly Cache (GAC). The API DLL, *Virinco.WATS.ClientAPI.dll*, is located in *C:\Program Files\Virinco\WATS*.
- **Applications built with version 6.x:** Standalone applications, converter tools, and other executables—including compiled LabVIEW programs—may continue to work with version 7.x after manual configuration changes. See the migration instructions.
- **Combined API assemblies:** *Virinco.WATS.Interface.TDM.dll* and *Virinco.WATS.Interface.MES.dll* have been combined into *Virinco.WATS.ClientAPI.dll*. Legacy proxy DLLs are available in *C:\Program Files\Virinco\WATS\Legacy* and are built for .NET Framework 4.8.
- **TestStand references:** Update sequences that reference *Virinco.WATS.Interface.TDM.dll* or *Virinco.WATS.Interface.MES.dll* from the GAC to reference the DLLs *in C:\Users\Public\Documents\National Instruments\TestStand 20NN (XX-bit)\Components\WATS_ModelSupport\WATS_Teststand_Support*.
- **Code-page encodings:** Converters that use *Encoding.GetEncoding(int codepage)* to read files must be recompiled with *Encoding.RegisterProvider(CodePagesEncodingProvider.Instance);*. Converters that inherit from TextConvertBase are not affected.

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Change history

7.1.0.30

Release date 2026-Nov-18

- Improved maximize and minimize window

Bugfixes:

- In WATS Client Configuration it was possible to add two converters with the same name.
- Starting WATS Client Configuration from elsewhere than the tray icon did not run as admin.
- TestStand add-on step XYGraphNumericLimit edit dialog did not load Logarithmic Y scale and Logarithmic X scale settings correctly.
- Software Distribution Package Manager ignored Install on root setting when automatically installing packages at computer startup.
- When updating a package, the Software Distribution Package Manager would fail when the new package version has removed a folder.
- When updating a package, the Software Distribution Package Manager could delete folder shared with other packages if this package no longer uses it.
- Software Distribution Package Manager and Yield Monitor did not have friendly name in task bar context menu.

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.

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- 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.

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- 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*
  - Apllications 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.

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