



October 2025

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 – 2025Q3
Note: 2024Q4 is not supported
(LabVIEW example files are built with the lowest supported LV version pr TS version)
- **LabVIEW toolkit:** LabVIEW 2021 – 2025

Important notice!

WATS Client version 7 is built on .NET 8 (also known as .NET Core). We at Virinco 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

7.0.156

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.