



September 2022

WATS Client 5.1 Release Note



Requirements list

- Windows
 - XP Service Pack 3 - 32 bit *
 - Vista - 32 bit
 - 7 - 32 and 64 bit
 - 8/8.1 - 32 and 64 bit
 - 10 – 32 and 64 bit
 - Microsoft .NET framework 3.5 SP1 (Client Profile)
 - Pentium 4/M or equivalent processor (Pentium III, Celeron 866 MHz, or equivalent minimum)
 - 1 GB of memory (256 MB minimum)
 - 200 MB minimum of free hard disk space
 - Connection to WATS Server, minimum version: 18.3
- * not supported with WATS standard cloud services

Optional

- **TestStand Add-on:** TestStand version 3.1, 3.5, 4.0, 4.1, 4.1.1, 4.2, 4.2.1, 2010/SP1 (4.5, 4.5.1), 2012, 2013, 2014, 2016, 2017, 2019.
(WATS add-on for TestStand 3.X and 4.X supports LabVIEW 7.1.1 or above. TestStand 2010 supports LabVIEW 8.0.1 or above. TestStand 2012 supports LabVIEW 8.2.1 or above. TestStand 2013 supports LabVIEW 8.6.1 or above. TestStand 2014 supports LabVIEW 2009 or above. TestStand 2016 and 2017 supports LabVIEW 2013 or above. TestStand 2019 supports LabVIEW 2016 or above)
- **LabVIEW toolkit:** LabVIEW 2009 - 2019
- **WATS API:** Microsoft Visual Studio 2010, 2012, 2015, 2017, 2019 (or any other language that support .net assemblies)
- **WATS MES:** TestStand version 4.x to 2019

Change history

5.1.172

Release date: 2022-09-22

Bugfixes:

- When registering the WATS client directly in the API fails, the actual error was sometimes hidden and a null reference exception was thrown instead.
- The WATS Client did not periodically download changes to processes (test or repair operations).
- If SW Debug test operation is disabled, Test Connection did not work.

5.1.171

Release date: 2021-11-17

Bugfixes:

- Reports were marked as .InvalidReport because of temporary file access issues.
- WSTF Importer did not use the fileEncoding parameter.
- WSTF Importer did not allow thousand separator.



5.1.166

Release date: 2021-09-14

- Added error logging to catch Configurator startup problems.

Bugfixes:

- WSXF Importer did not handle time zone offset in Start.
- TestStand Identify Product included inactive processes.
- CreateUUTReport in TDM failed silently when passing null as serial number, part number, or revision (continued with a report that is missing header data).
- MES API did not log errors caused by network errors.
- WATS Client NuGet package crashed on machines that have never had the WATS Client installed.

5.1.163

Release date: 2021-06-02

Bugfixes:

- Renewed code-signing certificate.
- ATML Importer uses Import mode (uses Status in report instead of calculating it).
- LoadReport properly loads MiscInfo and Failures for UUR reports.

5.1.161

Release date: 2021-04-19

- In Test Connection window, Submit Advanced UUT uses client's Location and Purpose.

Bugfixes:

- Yield Monitor did not work with blank part number.
- TestStand XYGraph step used previous chart values if an error occurred.
- ATML Importer ignored tests with Comparison type Log.
- WATS.log showed wrong Windows version number.
- Having many Error reports in Reports folder caused new reports to never be sent.

5.1.160

Release date: 2021-02-23

- Added YieldMonitor API to TDM.

Bugfixes:

- Pending reports were counted twice.
- Fixed 'Send advanced UUT' in 'Test Connection'.
- Fixed issue where client thinks it is registered, but it isn't.

5.1.159

Release date: 2020-11-19

- Removed support for using PDF in converters. This will affect some custom converters; they will need to be updated.
- Added About text to Client Monitor.

Bugfixes:

- Some text with non-ASCII characters fetched from server became corrupted.
- Converters would fail on start-up if they had zero parameters.



5.1.153

Release date: 2020-11-02

- Deprecated `Production.UpdateAttributes` and replaced with `UnitInfo.SetTag`.

Bugfixes:

- Loading an existing report in LabView when `StartUTC` was not set caused a crash.
- ATML Importer did not support EQT comparison or Infinity values.
- TestStand add-ons for TestStand 2014 or older were not uninstalled properly in some cases.
- Using `ConversionSource.ConversionSourceRoot` caused a crash.

5.1.152

Release date: 2020-09-03

- Get and set asset tag values through the Asset API.
- Support for `FixtureId` in WATS Standard Text format (WSTF).

Bugfixes:

- ATML Importer does not crash when encountering additional data.
- Configurator will not let you configure an address that isn't HTTP or HTTPS.
- TestStand add-on is uninstalled when the client is uninstalled. Loading an existing report and changing the status of a test will not cause a crash.

5.1.144

Release date: 2020-05-19

- Support for multiple reports within one WSXF file (converter).
- Renames invalid pending reports to `.InvalidReport`.
- Upgrading the WATS Client will no longer undo custom TestStand configuration.

5.1.140

Release date: 2020-03-25

- Fix to stop converters from failing before client has been registered and new Processes downloaded.

5.1.139

Release date: 2020-03-24

- When upgrading from a 4.X client, reports in the submit queue will be submitted.
- WATS Standard Text Format converter supports setting API validation mode to `AutoTruncate` or `ThrowExceptions`.

Bugfixes:

- License type is set correctly.
- Case where report was submitted to server, but client misinterpreted response and set the report to error, is fixed.
- Sub-sequences in reports from TestStand have their version set correctly in WATS.
- Fix an issue with TestStand 3.5 and `WATS_Support.dll`

5.1.130

Release date: 2020-02-01

- Bug prevented converter installation. Fixed in this version.



5.1.126

Release date: 2020-01-30

- Additional fix to retry TestStand reports that failed during conversion.

5.1.124

Release date: 2020-01-29

- Hotfix to prevent error on Teststand report submission.

5.1.117

Release date: 2020-01-16

Bug fixes:

- Reports with invalid xml are renamed to .error preventing re-send
- Duplicate client logging to server is delayed to 1 minute
- Check server time against local clock
- Several minor bug fixes

5.1.92

Release date: 2019-10-23

Bug fixes:

- WSXF Start_UTC is now optional
- WSXF reported multistep even when name was given
- API GetProcess returns processes sorted by name
- API NumericLimitsteps with Attachments set to wrong step type
- Custom converters based on TextConverterbase could not be upgraded from 5.0 to 5.1 due to parameter errors

5.1.84

Release date: 2019-09-24

Bug fixes:

- ATML – Accept reports without UUT.Definition
- Asset – CreateAsset fixed, possible to set ClientName
- Converters based on TextConverterbase works with parameters.
- Timeout for SubmitReport increased to 100 seconds.

5.1.76

Release date: 2019-08-26

Initial major release of the WATS Client, based on 5.0.X. The 5.1.X version(s) will be the last version built on the .NET 3.5 version. This is to still support for the legacy XP operating system – which are still used by many customers.

NB: A change from 5.1 is that configuration of the client requires local administrator privileges.

New features from version 5.1:

- Improved support for custom Converter installation and configuration.
- ATML Converter installed (Teststand ATML version 2.02,5.0 and 6.01)



- NI LabView toolkit is automatically upgraded, no need to re-install.

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