



November 2019

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**WATS Server 2019.2 Release Note**



## Major Feature Areas

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## Manage WATS Rest API tokens

This will let you manage access for headless user accounts to the WATS Rest API. “Tokens” is located under “Configure/Settings” in WATS Control panel.

- New token – Create new headless user account and associated token
- New ‘register client’ – Create headless user account and associated token, used for registering WATS Clients
- Regenerate – Regenerate an already existing token. This will regenerate the access token key, which will make their related logins require re-login. If a token has expired, expiration date will be set to one year from the given date.

Name	Description	Web client	Restrict to level	Restrict to product group	Last activity	Status
My.DotNet.Application	Token for my application	Web Client	WATS default serv...		2019-Nov-04 07:3...	Unlimited
WWFDesigner#637081124907382156	GetToken() by admin	Web Client			2019-Oct-31 09:5...	Expired
WWFDesigner#637081124781145742	GetToken() by admin	Web Client			2019-Oct-31 09:5...	Expired
RegisterClientToken2019-10-31T10:20:47	GetToken() by Administrator	Web Client			2019-Oct-31 09:2...	Unlimited
WWFDesigner#637073511613379987	GetToken() by sn@virinco.com	Web Client			2019-Oct-31 09:1...	362 days left

## New Tag Manager

Implement new Tag Manager (Create, Edit, Delete), available wherever tags are used throughout WATS.

Name	Description	
CertificateUUT_BodyFooter	Used for Certificate (UUT) body footer text	🔒
CertificateUUT_DocumentFooter	Used for Certificate (UUT) document footer text	🔒
Misc	Misc info	🔒
PartNumber	PartNumber	🔒
PhaseFinalized	Phase when finalized	🔒
Process	Process Name	🔒
Revision	Revision	🔒
StationName	Name of Station	🔒
StationType	Type of Station	🔒



## Workflow Execution to HTML5

With the conversion of the “Execute workflow” and “Workflow progress” features to HTML5, Operator interface is now completely based on HTML5.

The user interface has been modernized, and activities such as Box Build (Unit content) has been improved for simpler usage and visibility of sub units.

The screenshot shows the WATS Operator interface for a 'BOX BUILD' workflow. The header displays the following information:

Serial number	Part number	Revision	Batch number	Phase	Process
182650055579	241119.105	3.4	19518186705	Under Production	Box build

Buttons for 'Apply', 'Clear', and 'History' are visible. The workflow is identified as 'WORKFLOW: ASS + HIPOT + PRE BI + BI + FFT V3'. The main area displays the message 'BOX BUILD COMPLETED' with a 5s duration. Below this, a table lists the subunits:

PART NUMBER	REVISION	PRODUCT NAME	SERIAL NUMBER
241119.105	3.4	...	182650055579
255303	10.1 OR 11.1%	...	182650008847

### General improvements

- ‘Delay’ activity has been re-worked to ensure force skip functionality
- Redundant confirmation messages have been removed
- Test count and max test count is now displayed in test activities
- Improved error-message response quality
- Workflow-buttons has been statically fixed to allow for faster and more precise workflow execution
- Workflow execution can now be used with tablet and similar devices.



## Software Distribution – Synchronization changes

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In the past, the SW distribution module needed to use both MSSQL Merge Replication and MSSQL FILESTREAM in order to synchronize from server to server, or from server to client. Now these dependencies have been completely removed and replaced with new technologies that enables more efficient distribution of SW packages to sites or clients.

The methodology of the synchronization has also been changed to a fire-and-forget approach, which reduces overhead and improves overall WATS server performance.

## End of support for WATS Client 4.2.x/ATML

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WATS Clients with version 4.2.x will no longer be able send or receive data because of the discontinuation of the WCF service (/wats-dc/reportcenter.svc) which has been permanently removed in WATS Server 2019.2.

The ATML service (server) has also been discontinued. Customers using this service should use the ATML converter or migrating to WSXF (WATS Standard XML Format) and upload reports through WATS Client 5.1.x, before upgrading to WATS Server 2019.2.



## Misc features

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- 4450 – Added new feature ‘Tokens’, available in Control panel
- 4547 - TSY&A - Step details: Add all step statuses to measure headers in list measurement view (numeric and non-numeric)
- 5519 - UUT report now displays StepStartTime/Date
- 5762 - Improved trigger email table on mobile
- 6291 - Added User List excel export to Account page (previously only in Users)
- 6547 - Step details: improved zoom level for measure list when using synced charts
- 6677 - Step details: Re-introduced edit y-axis
- 6696 – ‘Account expired’ email will now be sent to all registered WATS users if account expires.
- 6778 - Reduced logging to system log (notification records)
- 6814 – Added Last pass yield (LPY) to yield report
- 6874 - TSA details: Added measurement range to freq. chart tooltip
- 6940 - Request access button at login page
- 6970 – Added workflow ‘start’ and ‘end test’ to public Rest API
- 7080 - Reset of Assets counters now appear in LOG (Beta)
- 7105 – Manual inspection: Implemented barcode/scanner logic for SVT and NLT step types
- 7134 – Made step-details remember View settings in Analyse chart data view
- 7146 - Export wizard: Implemented close option
- 7157 – Optimized Export wizard and made it handle bigger sets of data
- 7172 - Added tooltip to UUT report header text
- 7227 – Made UUT and UUR hard-load each report (cache busting)
- 7264 – Manual inspection now supports process-specified misc. info values
- 7316 – Added create "open repair" dialog in UUR report when ‘open repair’ button is clicked
- 7522 – Client controller performance improvements
- 7740 - Added link to RCA in UUR grid



## Bug fixes

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- 6935 - Report filter options (wild chars) does not work as expected
- 7031 - Barcode data interferes with scanner prefix
- 7049 - Issues linking UUT reports to UUR subpart failures
- 7130 - Asset Put (CreateAsset) fails
- 7136 - UUT Report is missing Error Message as selectable column
- 7138 - Broken HELP links in CP Account
- 7139 - Sequence designer: NLT limits not reflecting correctly against chosen CompOperator
- 7140 - Bug(s) in add UUT and UUR pop up in MI
- 7145 - GR&R - close button not working
- 7147 - Cannot mark/delete asset item
- 7148 - Product Manager: Import products by CSV file does not update names on existing products
- 7149 - MI: When locked to a Process, select proper MI sequence
- 7151 - UUR report view error
- 7152 - UUR report - Stops loading
- 7153 - UUR: Error submitting an updated UUR
- 7154 - Cannot update password in My Settings
- 7160 - Fixed a bug that made client log insert fail.
- 7163 - GetClientLogs defaults to 1 hour ago in local time
- 7170 - Asset Manager receives DivideByZeroException
- 7184 - MI: UUT header comment not appearing in UUT
- 7218 - MI: Repair operation dialog popup does not allow user to set repair operation
- 7220 - Preloader does not show errors
- 7230 - Repair grid in MI does not allow arrow navigation or space insert (if comment should be edited)
- 7232 - Repair enables "Submit report" button too early
- 7234 - MI: If last step in sequence is upload attachment, submit button will not activate on sequence finish
- 7250 - My Settings: "Next" button is clicked if enter is pressed when setting new password (dialog)
- 7261 - MI: Operator is not logged on UUT steps
- 7262 - MI: jumps to next step if step fails and sequence repair option is set to anything other than "never"
- 7263 - MI: Sequence name is not fully displayed if it contains numbers
- 7265 - MI: UUR misc info validation is still present after failed has been redo'ed
- 7276 - Report quarantined when a step is looped and producing different type of measurement data
- 7283 - OI: Cannot set category/code in Repair GUI
- 7315 - Restrict to "top level" / self does not grant access to certain API requests
- 7329 - Repair: "Submit repair" does not navigate to SerialNumberHistory or UUR report



- 7334 - Reporting: Drilldown to SerialNumberHistory does not encode queryparam string
- 7338 - Trigger: Misc info filters doesn't work in check triggers
- 7358 - TSY&A: When analysing multiple steps, the Run option "jumps" to All
- 7367 - WATS TSA Step details graph fails in Firefox
- 7371 - Additional results with CDATA missing
- 7390 - Unit/Serial Number history not displaying subunit level data
- 7410 - Remove Share filter from My Settings
- 7412 - MES Manager receives 429 Too Many Requests
- 7561 - Step details: no data in analyze mode
- 7562 - Future reports are not visible in quarantine
- 7595 - Update ClientInfo Error from local to parent server

**Virinco AS, Gråterudveien 20, 3036 Drammen, Norway.**

**virinco@virinco.com | www.virinco.com**

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