May 2018

WATS Server 2018.1 Release Note

WATS Server 2018.1 Release

This release overview contains information about new features in WATS Server 2018.1

For more information about WATS, please visit www.virinco.com/wats

Major Feature Areas

- New HTML-based UUR wizard - Preview
- Step Caused UUT Failed/Error/Terminated
- Non-numeric steps included in the data-warehouse
- Increased field lengths
- Security/Performance enhancements and bugfixes

WATS Reporting

Step Caused UUT Failed/Error/Terminated

In WATS, a UUT report status may be Passed, Failed, Error or Terminated. When calculating Yield (First Pass Yield (FPY), Second Pass Yield, etc.), all *none Passed* (Failed, Error or Terminated) indicates poor Yield.

Example: 100 Units is tested, 90 Passed, 5 Failed and 5 Error. FPY is 90%.

Starting from WATS version 2018.1, the algorithm calculating Yield and Statistics, will include Error and Terminated **STEP STATUS** into the calculation of the "Step Caused UUT Failed/Error/Terminated" flag.

All *none Passed* UUT Reports should have one (1) Step Caused UUT Failure/Error/Terminated.

Read more: https://virinco.zendesk.com/hc/en-us/articles/360003071731

Non-numeric steps included in the data-warehouse

The WATS data warehouse contains pre-aggregated step- and report-statistics and is designed to handle a large volume of reports. Up to version 18.1, only numeric steps have been aggregated and queries that needs data from other types were therefore not able to utilize the data-warehouse.

WATS Operator Interface

New HTML-based UUR wizard – Preview

Majority of the Repair functionalities in the Silverlight version has been converted to HTML5 but is currently regarded as a preview of what will be officially released later. The user interface is based on the same layout as in Silverlight, but with more modern and responsive UI components.

One of the improvements is the ability to attach multiple files, either to the report header or to a single failure in the analysis. The maximum number of files per entity (report header or a failure) is currently set to 3 but can be increased via server settings. File compression on the client side is also added to decrease the time needed for saving the report to the server. The report is also saved automatically to the server whenever a change has been made.

Please note that not all functionalities have been converted to HTML5, and viewing multiple attachments in the Repair report is not yet supported.

Other Operator Interface functionalities have also been converted to HTML5

- Unsubmitted Reports
- Unit Verification
- Unit History / Serial Number History
- Unit Info

Miscellaneous

Increased field lengths

- General:
    - Serial Number, Part Number and Revision increased to 100 characters
- UUT Header:
    - Batch Serial Number and Fixture ID increased to 100 characters
    - Comment and Error Message set to an unlimited amount of characters (up to 2 GB of storage)

Other
- Support for custom password policy
- Security/Performance enhancements and bugfixes