



Nov 2023

WATS Server 2023.2 Release Note



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Two-factor (WATS) authentication

WATS 23.2 includes Two-factor authentication through Microsoft and Google authentication when using WATS Authentication.


Each user can enable two-factor authentication in My settings, and users with access to the Account settings module can enable a setting which requires all users to enable this feature.

User setup:

WATS AUTHENTICATION

Two factor authentication is required by your administrator. Please follow the steps below to continue.

1. Download and install the Microsoft Authenticator or Google Authenticator app on your device.
2. Open the app on your device.
 - 2.1 (Microsoft Authenticator). Add an account of type 'Other'.
3. Scan the QR code or enter the private key:



Private key HRG7qWyzzuZ4NPop

Verify key



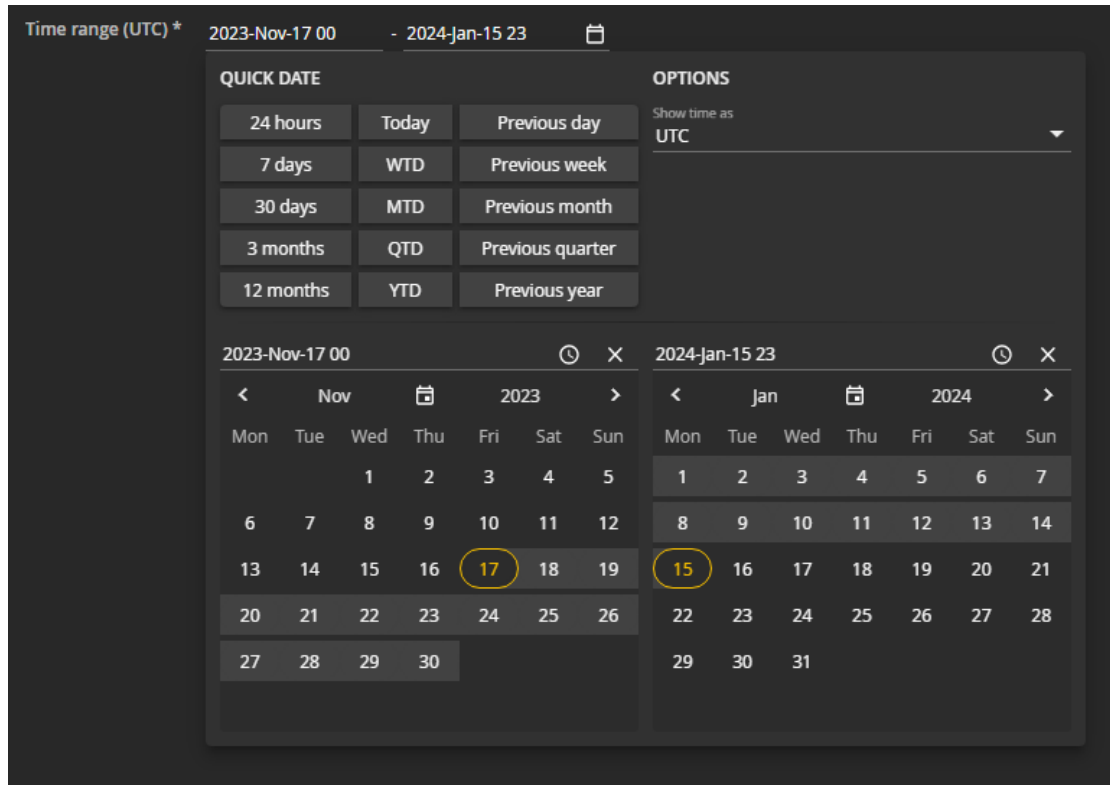
User login:

Your account is protected by two-factor authentication

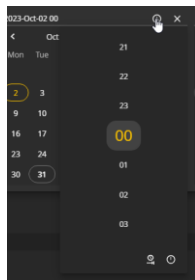


Date picker improvements

The date picker in the Reporting application has seen several new features to improve its usability.



- The Custom button to choose an exact date has been removed and replaced with two calendars to select from and to dates. This reduces the number of clicks required to set a custom date range.
- 3 months, Quarter to date and Previous quarter has been added as quick date options.
- As of 23.2, the date picker will now try to interpret incomplete dates and provide a valid date, reducing the need for typing. For instance, typing 1112 and removing focus from the input field will set the date to Nov 12th of the current year.
- A dedicated time picker has been reintroduced which especially will ease the selection of time on touch devices.





Miscellaneous features

Reporting

- Yield report: Added a pie chart to summarize the yield.
- UUT report: UUR reports linked to a UUT will now be displayed in the header of the UUT.
- Test reports: The UUT fail chart now displays used software filenames in the tooltip.
- Dashboard: Chart widgets now have an option to remove the legend.
- Dashboard: When adding new widgets, there is now a search filter making it easier to find a specific widget in the list.
- Dashboard: When creating a new dashboard, it will now start in edit mode.

Control panel

- Alarms and notifications: Add rule which triggers notifications based on Unit grade.
- Product manager: Added the ability to download the current BOM for a product.



Bug fixes

Bug fixes in this list is a summary of items since the last Server release. Most items have already been deployed to cloud accounts through periodic maintenance.

- Non-functional graphs in Periodic Yield
- Rename product repair url
- Menu select item in light theme
- Repair (preview) reports - Remove add to dashboard button
- Selects in Step details have transparent backgrounds
- Dashboard - dynamic yield grid not updating settings from report correctly
- Connection and Execution time - Add Max results input filter
- Export wizard - Add Asset, Run and Numeric format
- Processes - order arrows
- Light theme: filter auto suggests does not display focused value
- Improve yield display
- Dashboard: passed in run widget does not support blank to-date
- System Manager - Site code not set properly on top level
- Manual Inspection - Unable to select BOM items during repair
- Unit verification - Rename Not Found status to Unit Not Found
- Test report - column missing/do not display text
- Dashboard - Analyzers are unable to share others
- Reporting - Unable to update settings from Welcome screen
- Synchronize UserName fields length and type
- Application insights - Add username to Mobile App usage
- Dynamic yield - Delete dynamic yield view fails
- Reporting - Menu taking up space when collapsed
- Dashboard: unable to choose visible series for Connection & execution time chart widgets
- Process code 0 is shown as empty
- Dashboard - Existing dynamic yield grids crashes after update from older instance
- Dashboard - Remove Min Units as option in Test reports grid
- Dashboard - Max results filter options missing from Connection & execution charts and grid
- Reporting - Unable to open UUT attachment if DataType attribute is missing
- Rest API Production/SerialNumbers/ByReference is not working
- Dashboard - missing loader connection and execution time grid/charts
- Dashboard - Existing dynamic yield grids crashes after update from older instance
- Export Wizard - GetSequenceStepListV2 error
- Export wizard - step list api permissions
- System manager: inactive since field calculates wrong time range
- System manager: search field only searches on display name, not station name
- Test reports grid - report size column has no data
- Alarms and Notifications - Unable to send emails if the listed recipients contains whitespace



- WATS Client unable to reregister after delete from System Manager
- System Manager - Add descriptive message to error popup
- Export Wizard - Certificate chart does not work
- Dashboard - Dimension statistic chart - error when added from dashboard
- Blob SAS token was not used when deploying new on prem version
- Dashboard - Measurement chart from date issue
- Reporting - Levels filter disabled on legacy reports
- Reporting - Exception in GRnR if SW filename contains the & character.
- Processes are returned in wrong order
- Periodic yield showing wrong/no color/only green color in barchart.
- System manager - Invalid date in pending reports info
- Periodic yield - error when no data is retrieved in dynamic yield calling
- Dashboard - empty levels and product groups lists in dashboard filter
- Grids - error when grouping duplicate values with different casing
- Periodic yield chart - count series does not show
- Dynamic yield - Unable to retrieve results if productName and/or testOperation dimensions are omitted.
- Dashboard - Clear section in product groups and levels dropdown does not update store
- Reporting - Navigating to Export wizard through drill down menu opens the wats start page inside reporting window
- Reporting - New users are unable to accept eula if WATS authentication is disabled
- Manual Inspection - Unable to load pdf instructions in Operator Interface
- Report center - Inaccurate DB size estimate
- Dashboard - Station report grid is missing loading indicator
- UUT Plot data export - Can't edit SN column
- Unable to share filter from Test step yield and analysis
- Workflow - Unit Consist of is not working when there is a revision mask with a different part number in the sub-boards
- Get MES settings with WATS Client does not work
- Dashboard weekly subscription triggers same time next week, not Monday
- Export wizard - Exception thrown when applying run filter on the step list grid
- Dynamic yield and dashboard favorites wont show up on start page unless reporting is visited first.
- Export wizard - Unable to filter selected steps on run
- System Manager - Unable to update gps coordinates on root level
- TSA / Export wizard - Visualization of selected run disappears
- Dynamic yield - Duplicate request when applying filter
- Production manager - No site relation warning when releasing workflow with site relations
- Export wizard - Layout issue with step-list's grid buttons
- Improve 'Cant add file to root folder' software package error message
- Top bar: support ctrl-click in search menu to open in new tab
- Inconsistent report size when submitting reports with compression
- Production Manager - Relations are not updated when only site is changed
- UUT report: chart is empty when containing Infinity values



- Connection & Execution time - drilling from statistics chart does not populate new filter
- Reporting - Run and yield filters are mixed up across separate menus
- Migration script 23.1.0.4 may fail when database and server collation is different
- Certificate export via REST API is missing permission
- Datawarehouse delta processing may aggregate reportdata on wrong client
- Asset - Incorrect asset info in the UUT report
- Reporting - Selected measurement(s) popup in Test step yield and analysis is transparent
- Export Wizard - Long decimal numbers are written in exponent notation
- Dashboard - Missing max results value in Connection and execution time & Step caused UUT fail chart widget
- Export wizard - steps should not be grouped by design index by default
- Export wizard - top count included in filter when retrieving steps
- Slow insert of chart and attachment in SQL Storage
- Post wsjf with high rate could cause server/instance to stop responding
- Changes to WATS Authentication option in Users is not logged to Change Log
- Alarms & notifications - Assets alarms are causing exceptions when last maintenance or last calibration date is not set.
- Empty dimensions parameter of /api/Export/Certificate gives error
- Replaced sub unit from repair report does not show in SN history
- Export Wizard - Excel export job does not clean up temporary files
- Dashboard filter: unable to use selects in widget filter
- Ping from many clients could cause resource exhaustion
- Reporting - Unable to open UUR from the hierarchical grid in Serial Number History
- UUT Report rest API does not filter on yield (run)
- Product names not being used when updated via rest API
- Improve token regenerated change log message
- Unsupported roles listed in dropdown when creating token
- Reporting - Exception in GRnR if SW version contains the & character.
- On-prem Split DB cannot load UUT charts
- Reporting - Modifying a single limit step may result in wrong tolerance
- Product manager - Inactive products do not show revisions if the revision is active
- Dynamic yield grid does not request "Previous period test report #"
- WATS filter - Part number / Station name select - Enter key inconsistencies
- WATS filter - Part number / Station name select - GUI does not reflect filter value
- Export Wizard - Certificate body footer and document footer tags not shown
- Export Wizard - Certificate user signature not shown
- Export wizard - Wrong numeric format in exported certificates
- Reporting - Test report count column in Serial number history is blank
- Product and Component repair run dynamic repair with error at startup
- Reporting - X-bar and r-bar chart in GR&R details may have items in wrong order
- Browser Autofill feature is triggered in WATS filter
- Syncing batches is slow

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