

RELEASE NOTES ELAM ENTERPRISE VERSION 1.17.0-R

BREMEN, 11 SEPTEMBER 2026

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Features

Global

1. The REST client in the function library has been adapted to allow changing the base URL even after initialization. [ID 15174]
2. Several missing translations have been added throughout the application. [ID 14370]
3. Added product traceability via workpiece carrier scan as a customer feature. [ID 15068]

Administration

1. Uploaded files in document management can now be downloaded. [ID 3156]
2. Process displays (PZA) can now be copied, exported, and imported — individually or several at once as a ZIP. [ID 14009]
3. In the process display, markers can now be individually colored and set to blink; text and warning fields can be edited via double-click and now show a scrollbar for longer content. [ID 11858]
4. Any number of locations can now be assigned to a subject display, each location only once; previously a maximum of two was possible, and only with different lamp orientation. [ID 15247]
5. When printing flowcharts, the selected station(s) are now taken into account in addition to the variant. [ID 15144]

Assistant

Analysis

Controller

1. Photos can now be taken with Datalogic PM9600 series handheld scanners; the images are stored as a measuring point in the PLA. [ID 15113]
2. In the sensor box's teach display, values are now shown converted if a formula is configured for the sensor. [ID 14619]
3. The ELAM Printer now supports Dymo label printers. [ID 15310]
4. The Bitcube controller no longer resets the presets after an OK result; they are retained for the next process. [ID 15265]
5. PSets can now be specified in the configuration for WebIOs and selected in the TAF signal. This allows central entry of the bitmasks independent of the TAF, and improves the setup of flowcharts for parallel stations. In addition, when quantity > 1, the TriggerResetBitmaskOnEachFlank field in the signal can be used to specify the time in ms that the OK or NOK bitmask should remain active after each OK/NOK. Corresponding signals are initially customer-specific. [ID 13461]
6. Enabled control of multiple components via P2L with a single TAF signal using splitters in the Picking Controller. The corresponding signal template is initially customer-specific. [ID 15188]
7. For type IV cameras, the Keyence controller now automatically generates measuring point programs from the transmitted tool data. [ID 15279]
8. A new BitcubeController via MQTT was introduced, capable of monitoring multiple bits simultaneously. [ID 14110]

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Installer

Bugfixes

Global

1. Database commands that write data and return the written values now also work for tables with a trigger; previously, this caused issues such as failures when creating products. [ID 15150]
2. Fixed the determination of the belt number via database query when it is not stored in the PLA. [ID 15373]
3. Logging of network communication has been extended. [ID 15259]
4. When the same process display (PZA) is used simultaneously at multiple stations, each station now receives its own automatically generated measuring points; previously, measuring point names could overwrite each other. [ID 15257]
5. The input port now remains reachable even after port scans or unexpected data packets; new connections can be re-established afterwards. [ID 15308]

Administration

1. Releasing many flowcharts at once now works reliably again. [ID 14663]
2. The locations overview now displays all components assigned to a location and they can be clicked directly; previously only the first component was visible. [ID 4110]
3. When printing flowcharts, the variant selection can now be searched and is displayed sorted; this keeps it usable even with very many variants. [ID 15143]
4. The subject display details now have only one save button, which also saves the location assignment; previously, a newly selected assignment was not saved. [ID 8195]
5. When selecting a measuring point in manual entry, the list now shows the matching entries again after clearing or changing the search term; previously it remained restricted after the first search. [ID 14104]
6. Multiple new additions can now be saved at once for a variant; previously saving failed, and entries on non-visible pages of the table were lost. [ID 13151]
7. In flowchart and visualization shapes, the selection list can now be searched and is displayed sorted; previously it was unsorted, not filterable, and reloaded completely on every input. [ID 15135]
8. Uploading an image in question lists works again; if the upload fails, an error message is now displayed. [ID 15294]
9. Entries can be inserted into nested lists in device management again, e.g. a report within a PSet; if a problem occurs, a clear error message is now displayed. [ID 15081]
10. In device management, the selection in the PIC field now remains visible after saving; previously the field was cleared even though the value had been saved. [ID 15305]
11. A process display (PZA) is no longer automatically released the first time it is saved; release must now be done deliberately. [ID 2672]
12. In user management, the personnel number is now displayed again in the overview and on the detail page, and can be saved. [ID 15423]
13. In product management (locations), component IDs are now displayed correctly again in the filter list and can be filtered again. [ID 15425]
14. For workflows (flowcharts), the release status is now displayed again in the list and can be filtered and sorted again. [ID 15426]

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15. In the control panel, the version filter's selection list for signal templates now shows the version values that actually exist. [ID 15433]
16. The non-functional "Reorient path" menu item was removed from the image editor in the TAF details. [ID 15427]
17. When releasing multiple visualizations, an error message is now displayed if one of them has no TAF assigned. [ID 15428]
18. Fixed an issue where no assembly information was displayed on the "Assembly" tab of the component details. The associated parent components are now displayed correctly again. [ID 15446]
19. The layout of the flowchart printout has been improved. [ID 15454]
20. When deleting a main order, the batch size is reduced by the quantity of sub-orders not yet started. If no sub-orders have been started yet, the main order is also marked as deleted. [ID 15320]

Assistant

1. The password check in the new user management now also works with passwords from the previous encryption method; previously, login was not possible in this case. [ID 15148]
2. After a tablet wakes from sleep mode, the web client automatically re-establishes the connection to the ZebraAgent, so scans continue to work without reloading the page. [ID 14793]
3. If the database connection is interrupted, the assistant continues working normally after the connection is re-established; previously it remained stuck in this case. [ID 14188]
4. In the assistant, display texts with translation placeholders are now displayed correctly instead of remaining blank. [ID 15391]
5. When 2 web clients in the same area display a different layout that also contains different displays, an error occurred if a display was not present for one client. This issue has been fixed. [ID 15417]
6. Fixed an error in the MicroAgent that occurred when 2 web clients were displayed on the same device (dual client). When reconfiguring one of the two web clients, the selected serial connections (scanner, key reader) of the other web client are no longer incorrectly terminated. [ID 14968]

Analysis

1. The PLA printout now lists all valid screw values, including those from NOK screw connections; previously these were missing from the list. [ID 4652]

Controller

1. The Digiforce controller now returns the measurement results of a Digiforce 9306 to ELAM again; previously, the program preset arrived for this device type but no result. [ID 14122]
2. PICs with umlauts now arrive correctly at the Manager; previously the umlauts were replaced with question marks. [ID 14655]
3. Spaces in label print files no longer cause an infinite loop when printing. [ID 15419]

Installer

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