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Features

Global

1. It is now possible to perform a visualization evaluation using the ID of a visualization or a flowchart. [ID 14163]
2. The ELAM Manager has been enhanced and now uses the signal parameters contained in the active TAF as system values. This simplifies their use in parsers. [ID 14154]
3. The structure of the ELAM database has been adjusted. All columns containing parameters for scan codes have been standardized and now use the data type NVARCHAR(MAX). [ID 14197]
4. The recorded times for displaying visualizations in the assistant have been extended to include information about the currently logged-in user. This information is not shown in the production time analysis. If corresponding evaluations are required, they must be created separately. [ID 14028]

Administration

1. The naming process in the test plan has been revised and aligned with the behavior in flowchart/visualization to ensure consistent operation. [ID 13437]
2. Clicking on a row in the grid now directly opens the corresponding user details. [ID 14023]
3. CustomTemplates in Administration now support additional events, allowing templates to be used more flexibly. [ID 14280]
4. The structure for TAF signal templates has been extended to allow specifying translation keys for the included signal elements. This enables translation of the TAF signal input interface in the editor. Translations of signal templates into different languages are not included in this release! [ID 2739]

Assistant

1. The keyboard control in the web client has been adapted to enable additional functions for manual inputs. It is now possible to switch the keyboard to a num-pad layout and back using a toggle button. [ID 14076]
2. A new process flow has been implemented for the ELAM WsStart order start module, which can be activated via configuration. This allows the system to be set for mandatory login. In this mode, an operator must always log in again to the assistant after a visualization was finished or aborted. [ID 14025]
3. Configuration options have been added to the ELAM MicroAgent to specify parameters for opening a specific serial port. [ID 14186]
4. The function for uploading images via QR code in the assistant has been extended and now also allows selecting and uploading PDF files. [ID 14176]

Analysis

1. The print function for PLA details in the Analysis has been extended and now supports multiple layouts via a selection on the print button. [ID 7708]

Controller

1. The ELAM Scanner Controller has been extended with a function that allows configured types for scan processing to be locked. [ID 14002]
2. The ELAM KDucer Controller has been adapted to perform program selection without activating programming mode, significantly speeding up the process. [ID 14142]
3. The ELAM Picking Controller has been extended and now supports the KBS module - Type 3N-4 with Sentinel Sensor. [ID 14172]
4. An additional event has been added for connecting controller modules to tools and devices, allowing controller modules to adopt and process received data unchanged. This extension affects the app base and processing must be implemented in the respective controllers if required. [ID 14316]

Installer

Bugfixes

Global

1. A setting for the ELAM Framework has been activated that allows the software to load plugins and program libraries even if they were copied from a network path. [ID 14203]
2. An issue when generating PLAs in the ELAM Manager has been fixed. In rare cases, two PLAs could be created for the same identifier in quick succession, causing an error. [ID 14261]

Administration

1. An issue was corrected that caused TAFs to not be displayed on the rework page. [ID 14056]
2. Validation for test plan names has been introduced to prevent incorrect or invalid names. [ID 14046]
3. When creating a test plan, the reference is now correctly retained. [ID 14162]

Assistent

1. In manual steps, the logged-in Windows user could be added as an operator to a measurement value. This issue has been fixed. [ID 14147]
2. The function for manual input has been corrected and can now be used without specifying a target value for a measurement point. [ID 14180]

Analysis

1. An issue with processing measuring points with complex data types such as image or PDF files has been corrected. [ID 14105]
2. The missing filter option via tags has been added to the evaluation page for tightening values. [ID 13009]

Controller

1. Connection monitoring in the ELAM Scanner Controller is now disabled by default, as a scanner generally does not support a heartbeat signal. [ID 14014]
2. An issue in the ELAM Scanner Controller has been fixed that prevented configuration changes when a network error occurred due to existing parameters. If the application was started with a UI, a network error no longer causes the program to terminate, and the module configuration can be changed. [ID 14012]
3. An issue in the ELAM Scanner Controller caused by a "+" character in the area name has been fixed. [ID 14221]
4. The ELAM Keyence Controller has been adapted to respond to missing replies from the camera trigger signal. The trigger is now re-sent up to three times after a timeout or then answered with a NOK result to the TAF. [ID 13888]

Installer

1. An issue in the installer has been fixed where the adjustment of a configuration file was not executed correctly. [ID 14275]

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