

LOGiCAL 2.6.0 release

2023-12-08 by LOGiCAL team

New features

1. **Introducing Role-based access control (RBAC) to LOGiCAL:**

Role-based access control implements a security model where user access is determined by their specific job role and location within the company structure. This provides a precise and secure method to manage system permissions, enhancing operational efficiency and data protection.

Benefits for the Customer:

- **Tailored user interface:** Users benefit from a customized interface that only displays relevant data and viable actions, creating a user experience free from unnecessary or inaccessible options.
- **Enhanced organizational security** by ensuring that users can access only those resources necessary for their roles. This targeted access helps to protect the integrity of the calibration data, by preventing unauthorized viewing, modification, or deletion.

How It Works:

You can define and assign user roles in LOGiCAL. Each role is a collection of permissions that represent a particular set of abilities within LOGiCAL. Permissions are actions (create, view, edit and delete), that can be performed on a resource (e.g. instrument or reference). Roles are customizable and can be tailored to the specific needs and structure of your organization.

User access can be further restricted by assigning individual users to specific sites (=first level in the plant structure hierarchy). Combining the correct permissions and access to a single site only, service companies can leverage the RBAC feature to provide their customers with limited access to their LOGiCAL system. This means that the service company's customer can only view and generate certificates for the calibrations performed for them.

Example roles:

- **Calibration Technician Role:** Technicians could be given permissions to carry out calibrations and view results while restricting their ability to alter organizational settings or delete instrument data.
- **Calibration Supervisor Role:** Supervisors might be granted more extensive permissions, including the ability to edit and manage calibration data, and oversee user roles.
- **Stakeholder Role:** External auditors or stakeholders may be assigned a read-only role, allowing them to view all relevant data without the risk of accidental changes.

Updates related to calibration certificates

2. We've simplified how input and output ranges are displayed on calibration certificates. Now, all ranges are consolidated into a single row, adopting a clear and concise format such as "4 ... 20 mA" or "0 ... 10 bar Gauge," enhancing readability and comprehension.
3. Calibration certificates now offer the option to display calibration point-specific notes. This feature can be configured in the calibration certificate templates to tailor the level of detail provided on certificates, ensuring important annotations are not missed.

4. We've made general layout improvements to calibration certificates, such as centered headers.
5. We've fixed an issue where the file names were not following the configuration when generating multiple calibration certificates at the same time. File naming will now consistently follow the predefined settings, ensuring a smoother documentation process.

Updates related to LOGiCAL import tool

6. It is now possible to add up to 21 custom test points with data import. In addition, each test point can be accompanied by specific instruction messages. These instructions will conveniently pop up for the technicians when they are executing the corresponding calibration point.
7. We've fixed an issue where the calibration points could not be calculated from the output when importing data.
8. We've refined the import validation process, eliminating the need for output pressure type definition for non-pressure measurements. Now, defining the output pressure type is only necessary when the quantity is Pressure, and the output category is an Analog variable.
9. The validation of custom fields has been improved for instances when a user attempts to import data into custom fields that are either not configured or disabled in LOGiCAL.
10. Data import validation has been enhanced. The error reference field needs to be populated to ensure that created instruments are compatible with calibrator synchronization.

Updates related to Instrument management

11. LOGiCAL now supports the creation of identical Position and Device IDs within an organization's instrument data, on the condition that the first plant structure level for each ID is different. This helps, for example, service companies who work with many customers, to identify their customer's instruments correctly.
12. The view/edit sidebar within the instrument management interface now displays calibration points and their repeat formats (for example, "3 Up" or "5 Up-Down").
13. We've corrected a navigation issue in the 'My Subscription' view. Now, selecting a transaction within the transactions tab will open the result related to the credit transaction, rather than the instrument, for more intuitive user experience.
14. We've corrected an issue with pressure units. mmH2O and mH2O units are now shown correctly.
15. We've resolved a problem where temperature element instruments set with 'Controlled' input and 'Measured' output methods could not be sent to calibrators.
16. We've addressed a user interface issue where instruments with multiple tolerances displayed incorrect information. The certificate and quick view (accessible by double-clicking an instrument) now show correct information, accounting for the conversion from relative to actual values.

Updates related to LOGiCAL Sync application

17. A link to Beamex support portal has been added to the LOGiCAL sync application.
18. The syncing process has been optimized for better performance.

19. Fixed an issue with the LOGICAL sync application's scalability across various display resolutions and scaling settings.

Other updates

20. Language selection has been moved from organization settings to the header row, next to the logged in user.
21. We've fixed a few issues with translations.
22. The minimum number of characters for the Custom Field List option is now one instead of the previous two.
23. We've fixed an issue where overdue references list was incorrectly showing references, whose due date was on the same date.
24. Performance improvements.

Known issues

N/A

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