TOPI® SELENE RELEASE NOTES

TOPi® Selene 2020.9.0 answers the needs of the changing energy sector by increasing integrations, expanding data sources and enhancing ease of use.

TOPi® Selene 2020.9.0 continues the path in which TOPi® continually answers to the needs of the changing energy sector. This is achieved by integrating TOPi® more strongly with maintenance management tool Maximo and by enabling customers to create more detailed hierarchies by enhancing the internal site-functionality. Continued focus on improving database operations reached a milestone as Timescale is now supported as a data source. Intuitive ease of use is strengthened by implemented multiple improvements that were received from active TOPi® users.

Supported browsers:

- Mozilla Firefox ESR 78

- Mozilla Firefox ESR 68

- Google Chrome (latest version at the time of release)

- Microsoft Edge (Chromium-based) (latest version at the time of release)

General:

- Elliot parameters updated. The latest version of Elliot must be installed together with this version of TOPi® Browser.

  o Unnecessary parameters have been removed. (LA004660-3949)

  o Small new additions and updates. (LA004660-3884, LA004660-3949)

  o Operating time calculation (Maximo integration) related parameters and applications added. (LA004660-3978)

- Support for PostgreSQL 12. (LA004660-3982)

- Lithuanian translation added for Report application. (LA004660-4029)

- When the system has sites configured in it, and when a user tries to save a record (report, display etc.) with no site, a warning is displayed that everyone will be able to see the record. This warning can be disabled with a system/user property if desired. (LA004660-3780)

- Possibility to filter variables by site in variable dialog. (LA004660-3965, LA004660-3986, LA004660-4025)

- Possibility to define a site for formulas. (LA004660-3986)

- Recent template list remained shorter than the configured length after some record was deleted even though new records were opened afterwards. This is now fixed. (LA004660-1588)

Data sources:

- Improved PostgreSQL data source time series aggregates.

  - Performance improvements in data fetching and saving. (LA004660-3907, LA004660-3915)

  - Functionality of aggregates is well-defined and documented. (LA004660-3904, LA004660-3905, LA004660-3907)

  - Implemented fetching data using Best Fit. (LA004660-3992, LA004660-3983, LA004660-3914)

- Support for Timescale as a data source. (LA004660-3916, LA004660-3958, LA004660-4022)

Dashboard:

- The uploaded background image is now displayed immediately after upload in the image list. (LA004660-3698)

- If uploading a background image ends in an error, previously this caused a broken image to appear in the image selection list. This is now fixed. (LA004660-1903)

Report:

- Support for variable specific y-axis min/max limits. (LA004660-3443)

- Graph overlay can be floating or docked by default. This can be controlled with a system/user property. (LA004660-3962)

- More space for variable name / description in graph overlay. (LA004660-3968)

- Excel file report sheet name is now always the same instead of having a number suffix that changes with every export. (LA004660-3988)

- The analysis tool can now have multiple Y axes similarly to the Graph view if multiple Y axes have been configured for variables. (LA004660-2925)

- Possibility to open a template directly into data editing mode. (LA004660-2360)

- Recent templates list is now updated immediately after a template has been deleted. (LA004660-2957)

Constant parameter entry:

- The default time for new values to be saved can be configured (with a system property) to be the exact value that was used when fetching data instead of rounding down to the nearest hour. (LA004660-3923)

- Possibility to open the variables in the current CPE template in Report application. (LA004660-3902)

OE:

- Removed unnecessary scrollbar. (LA004660-3886)

- No need to select y-axis scaling mode (auto/manual) for a reporting variable separately. If min or max setting is left empty, it is determined automatically. (LA004660-3443)

Balancer:

- Sending balancing power capacity change does not trigger recalculation anymore. (LA004660-4012)

Logbook:

- Maximum entry comment length extended to 4000 characters. (LA004660-3903)

- Entry event time and notification start and end times are now given with 1-minute precision instead of 1-second precision (which was unnecessarily precise). (LA004660-3972)

- Removed unnecessary scrollbar. (LA004660-3993)

- New entry type icons added. (LA004660-4049)

ProView:

- Editor: No need to select y-axis scaling mode (auto/manual) separately for a graph. If min or max setting is left empty, it is determined automatically. (LA004660-3443)

- Fixed a bug where wrong variables were displayed in ProTrend when double-clicking on a ProView graph. (LA004660-3930)

- If an element has a link (but not any variable) defined, clicking on the element will open the link directly. No popup is needed in such cases. For elements with a variable, clicking on the element will select the variable for including in a trend, and the link will be displayed in a popup, as before. (LA004660-3152)

- Added possibility to automatically include the unit of a variable after its numeric value in text and table elements. (LA004660-3839)

- Editor: If uploading a library component image ends in an error, previously this caused a broken image to appear in the library component selection list. This is now fixed. (LA004660-1903)

- Editor: Double-clicking on the colour "droplet" in Linear / Radial Gradient settings dialogues did not open the colour picker in Google Chrome. This is now fixed. (LA004660-4085)

ProTrend:

- No need to select y-axis scaling mode (auto/manual) separately. If min or max setting is left empty, it is determined automatically. (LA004660-3443)

- Moved "Export data for selected" link to a more visible position and renamed it to "Save to file". (LA004660-3974)

- Only the data points currently visible in the graph are shown when displaying the data table for a variable (i.e. if the user zooms in, only data points from the time span visible in the graph will be listed in the data table). (LA004660-3973)

- Data points are now displayed at round values according to the calculation step (period) selected for the variable. Previously if the start time was specified, e.g. as 10:04, values with 1-hour calculation step were displayed at 10:04, 11:04 etc. Now they are displayed at 10:00, 11:00 etc. (LA004660-3538)

RunGuide:

- Run plan menu can be hidden with a system property if run plans are not used. (LA004660-3866)

- Wake up tool displays the exact ramp start timestamp in addition to the countdown timer. (LA004660-3768)

- Possibility to configure additional values to be displayed at the top. (LA004660-3867)

- Warn user if audio autoplay is blocked by the web browser and no alarm sounds will be produced. (LA004660-3890)

- Fix run plan-approving. (LA004660-3892)

- Blocks can have their own colours to help to identify the currently displayed block. Block colour is displayed in block selection buttons, and if configured with a system property, thick, coloured horizontal borders can be displayed at the top and bottom of the screen. (LA004660-3987)

Security:

- Removed unnecessary scrollbar. (LA004660-3993)

- Clicking on checkboxes in table headers did not work well in Google Chrome. This is now fixed. (LA004660-3851)

Configurator:

- Disable the duplicate button correctly if the user doesn't have edit role.

- In Loader, display if the imported variable already exists and will be modified or if it is a new one. (LA004660-4000)

- Added possibility to mass delete variables. (LA004660-3885)

- Added arrow to the sidebar toggle button.

- Removed unnecessary scrollbar.

- Fixed a bug where changing letters in PostgreSQL variable name from uppercase to lowercase or vice versa caused an error. (LA004660-3979)

- Do not allow the repository of an Aspen variable to be changed. (LA004660-3628)

- Fixed a bug where exporting a large number of variables caused an error. (LA004660-3935)

Monitor:

- ROLE_MONITOR role is now enough to access the Monitor application, ROLE_PROVIEW is not needed. (LA004660-3622)