MyCity 3.6

Release notes

swarco

Summary

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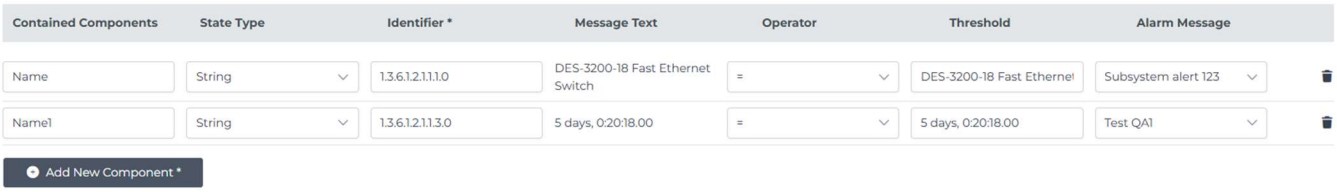
1 New features

1.1 Subsystems monitoring via Simple Network Management Protocols (SNMP) or PING

MyCity can now read and monitor parameters for subsystems that are using SNMP or PING protocols. To establish the thresholds for the components of the subsystem, select **Add New Component** in the **Contained Components** section.

- To create a condition for the component, fill in the following fields:
  - **Component** — Add the component and its state type.
  - **Identifier** — enter a unique communication identifier.
  - **Operator** — select an operator and set a threshold value.
- Create an alarm message that is displayed when integrating the sub-system as a resource in an alarm notification matrix.

Hint Use the message text field to compare the value sent by the subsystem with the threshold.



1.2 Map Visualisations Configuration

1.2.1 Multiple states visualisation

You can now configure the visualisation of different states on the Map for TLCs. The visualization can be configured from **Tenant Configuration> Monitoring> Map Visualization Settings.**
To configure the TLC visualisation, follow these steps:

1. Select **Edit**.
2. From the **Layers** drop-down, select **TLCs**.
3. From **Device Type and Protocols**, select the device protocol.
4. Configure a state source for the top left, the top right, and the bottom circle. You can also customize the following properties:
   - **Visibility** — enable or disable the circle.
   - **State colour and text source** — select the source for the background colour, and display text for the circle. The available state sources are **Operational Mode, Operational State, States**, and **Custom States**.

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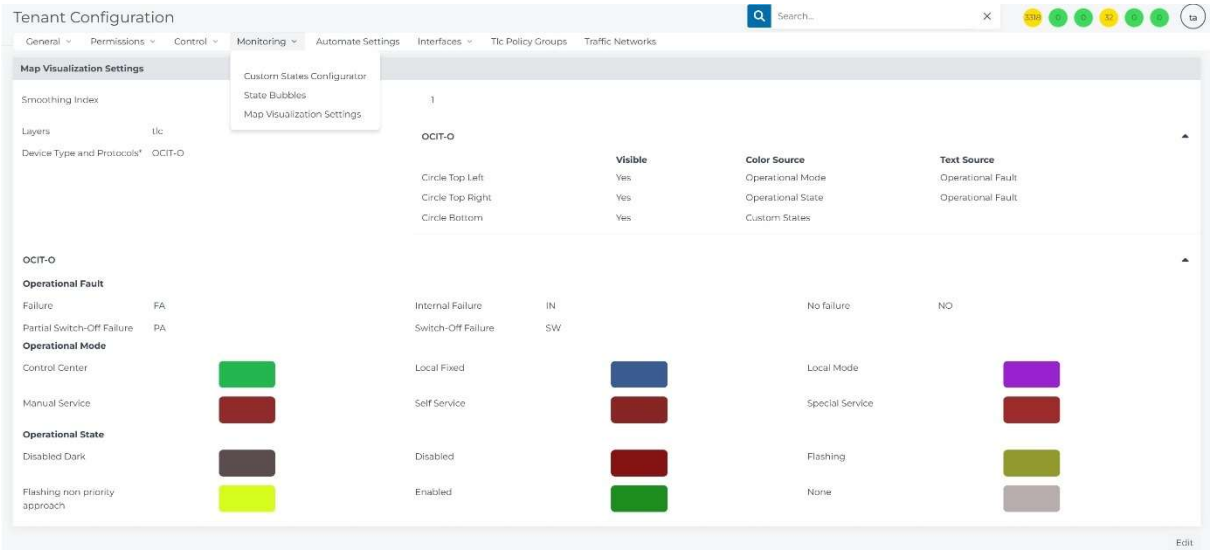

Hint Use each colour picker to select a background colour for the circles. If you want to display a circle with the black colour background, select it manually from the picker. For custom states, the colour matches the one configured under the **Custom States Configurator**.

1.2.2 Action Groups Map Representation

You can now set up an additional visualization of an action group on the map by drawing a polygon.

Follow these steps to draw a polygon:

1. When creating the action group, in the **Select Devices** section, select the map view.
2. Select **Menu**.
3. Select **Polygon** 

, and then start drawing your polygon. Use a double-click to stop drawing.
4. To edit the shape of the polygon, select **Edit**  and drag the corners to adjust shape.
5. Using the color bar, select one color to represent the polygon.

Hint As best practice, draw the polygon around the devices you want to add in the action group.

6. Select **Select devices**  to add the devices located inside the polygon to your action group.
7. Select **Save**  on the map to save the polygon.

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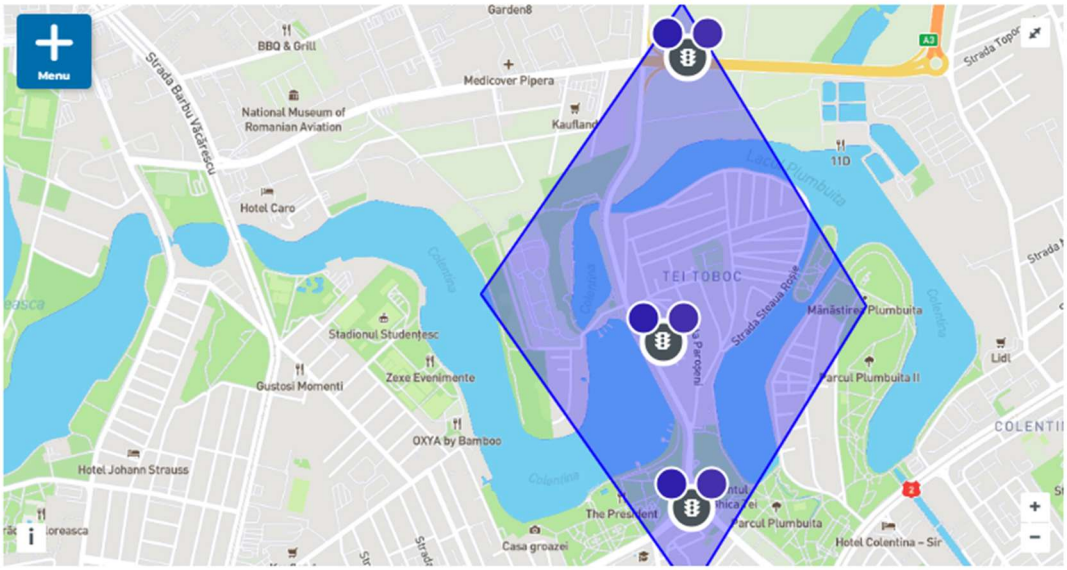

Hint To adjust the roundness of the action group polygon edges, go to **Tenant Configuration > Map Visualisation Configurator**. From the **Layer** dropdown, select **Action Groups**.

1.3 Advanced Analytics

The new **Advanced Analytics** menu entry contains now two reports:

- Coordinations diagram
- Detector Analytics

1.3.1 Detector Analytics

The Detector Analytics report enables you to request aggregated detector data across multiple devices and detectors. The report supports the following data aggregation:

- You can add data from multiple detectors from different TLCs.
- You can also create a compound detector. A compound detector combines two or more detectors using a mathematical formula.

Hint The supported mathematical operators are:

- Addition and subtraction (+/-)
- Division (/)
- Multiplication (*)
- Brackets

1.4 Extended Signal Plan

You can create a combined view of both the signal time plan diagram (SIPL) and the Site Plan configured on the TLC. The view can be created from the **Monitoring** tab of a device and then selecting **Extended Site Plan**. To populate the view, open the ⋮ menu and assign a value to each of the three slots. You can assign **Diagram**, **Table**, and **Plan** in any order, but each value can only be assigned to one slot.

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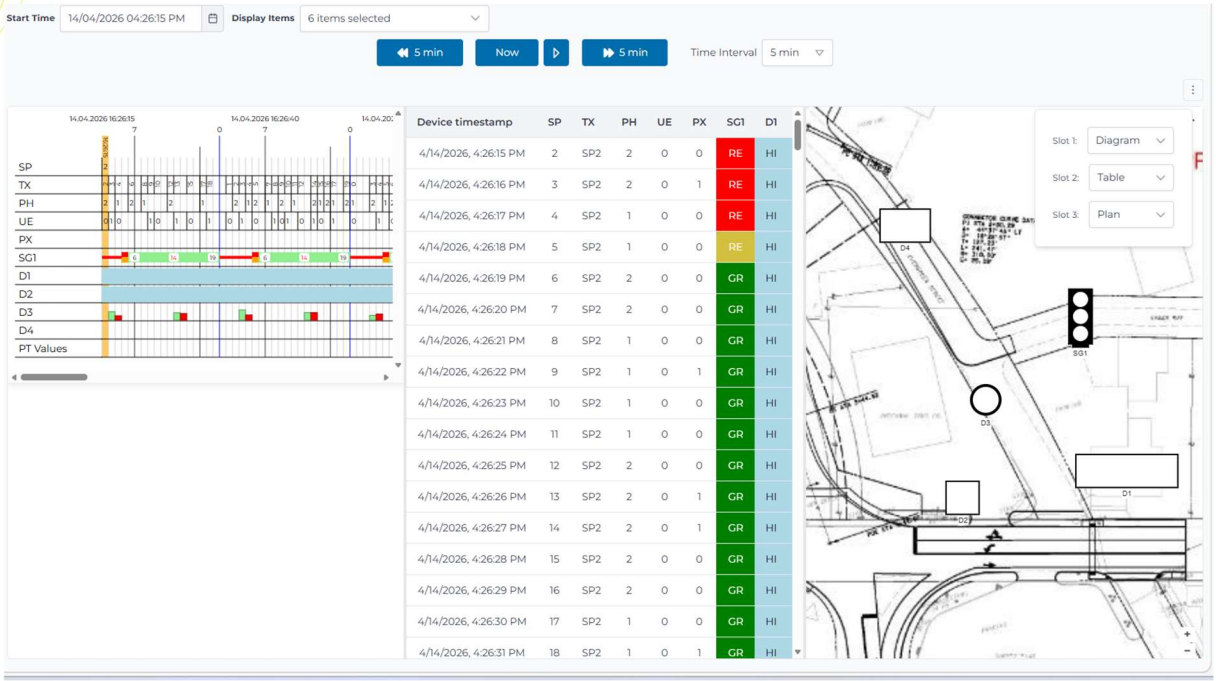
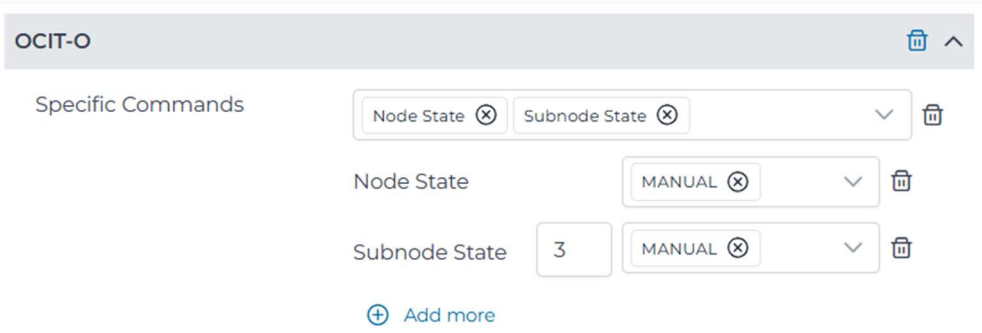


2 Improvements

2.1 Command Levels Integration with Custom State Bubbles

The following filters have been added to the Custom State Configurator:

- **Expected Level** – Filter on all devices that are expected to run a complete command executed from a specific command level.
- **Running Level** – Filter on all devices that are currently running a command executed from a particular command level. This command should also be matching the current device state.
- **Partial Running Level** – Filter on all devices that are currently running a partial command (e.g. signal program only) executed from a specific command level. This command should also be matching the device state.
- **Levels** – Filter on all devices that currently have commands scheduled from a specific command level.
- **Specific Command on Level** – Filter on a specific command that is running currently on a device. Select from the dropdown the command level that the filter should consider (e.g. A command containing a Node State parameter executed from a Manual command level).



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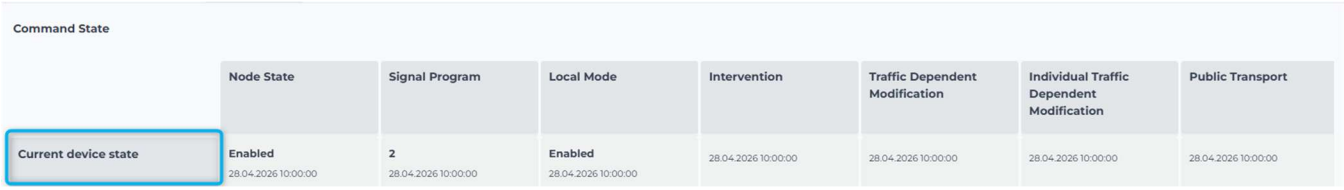
Hint Review the **Current Device state** row to check the current commands.



2.2 Alarm Matrix Redesign

The alarm matrix configuration now includes a redesign for:

- Adding user groups to the matrix.
- Adding resources (subsystems only) or device groups.
- Enable or disable the matrix.
- Allow the configuration of an on-duty schedule to add to the matrix.
- Delayed notification sending.

3 List of fixed bugs/incidents

Ticket no	Description
SWD-9244	[BE] [strategy-handler] writes detailed logs to container filesystem
SWD-9363	Site plan background image can not be uploaded
MC-4462	Table view is not loading when filtering
MC-4474	[Performance Monitoring] - Performance it's not calculated
MC-4394	Site plan data unavailable
MC-4374	Signal group missing from display items
MC-4356	Site Plan editor not working as expected
MC-4349	Live Site Plan improvements
MC-4289	SIPL should display latest entry for some time back
MC-3829	In Analytics, applying a filter only for a specific interval was not working.
MC-4470/4374/3393/4390	Site plan objects are reset to their default position.
MC-4488/4477	Translation issue with days in Scheduler
CIPPROJ-23162	Unable to edit an active schedule/weekly automatic
MCSTAG36-51	User cannot add time table template to a scheduler

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MCSTAG-354	Export of the message log of a device uses incorrect column configuration of global message log.
MC-4391	[SignTypes] - Add new signtypes
MC-4452	Improved json error logging
MC-4501	Profectus school sign showing one hour ahead.
MC-4512	Profectus school signs running on a timetable encounters issues.
MC-4101	Profector fault status not showing in signs status page
MC-4458	Vehicle count data showing incorrect information in Strategy Manager
T3SP-8043	Add data base indexing for the Type property
T3SP-8022	Add UsePrograms sign features
T3SP-8025	Cannot create VAS Sign
T3SP-8006	New kong integration support
T3SP-8004	NTIX Dates 2 integration
T3SP-7972	Core CM commands improvements
T3SP-8060	Updating Microsoft Openapi
T3SP-8082	Device state manager did not publish valid faults for Profectus

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