ADMO with InSight

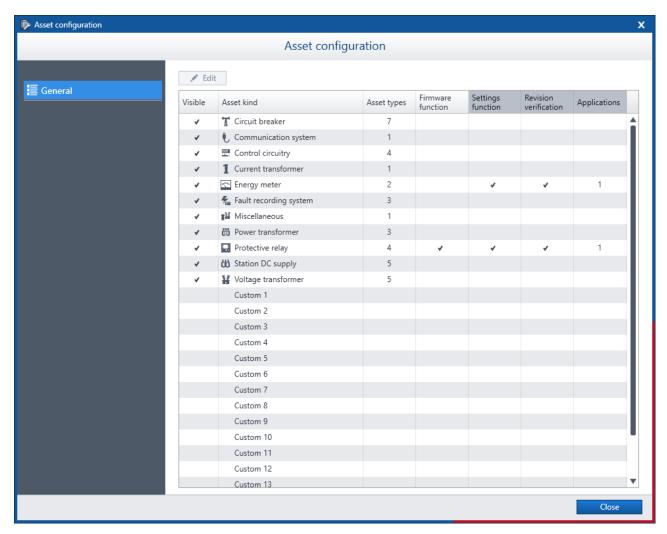# What's New in Version 6.10/3.10

Compared to Version 6.00/3.00

1   ADMO 6.10

ADMO 6.10 introduces a variety of quality-of-life improvements as well as customization options to focus on our user's needs in more ways than ever. It is now possible to enable the *ADMO* firmware functionality for any asset kind in the redesigned **Asset configuration** section. It is also possible to create fully customizable event types including options for firmware, settings, the target timeline and the ability to define if events affect the maintenance cycle of an asset or not.
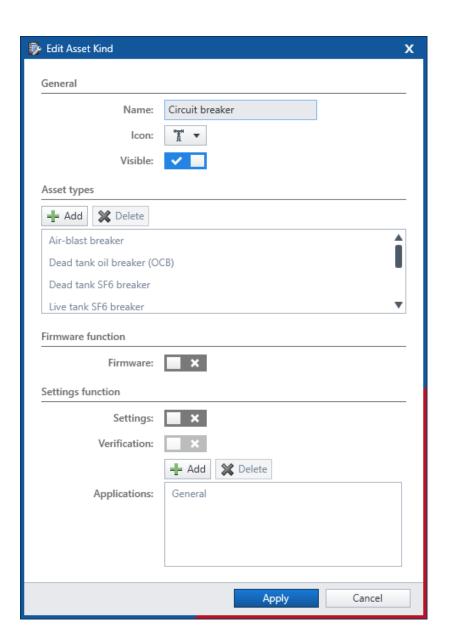
ADMO 6.10 also strongly improves cyber security and performance. Database administrators can now encrypt all security-relevant database connection information and make use of SQL Server Application Roles to ensure that the database can only be accessed via *ADMO*.

1.1   Asset configuration

The **Asset Configuration** section provides an improved UI leading to a better user experience as well as significant workflow improvements. It is now possible to assign the firmware management function to all standard and custom asset kinds. The **Edit Asset Kind** dialog combines the previous **Edit asset types** and **Edit applications** dialogs. In addition, you can set all asset-kind-related configurations and define individual icons for every standard and custom asset kinds.

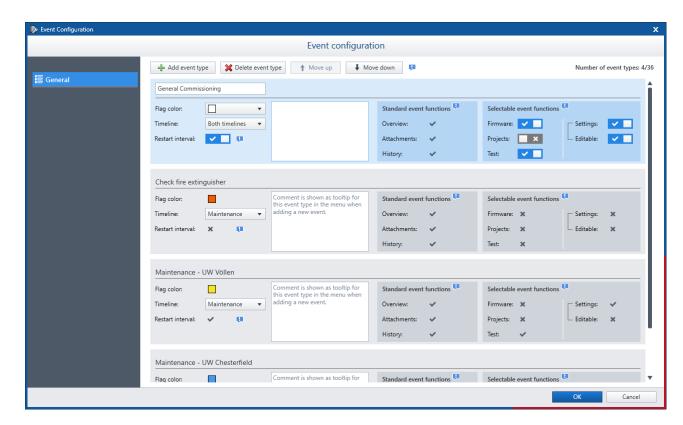| Visible	Asset kind	Asset types	Firmware function	Settings function	Revision verification	Applications
✔	Circuit breaker	7				
✔	Communication system	1				
✔	Control circuitry	4				
✔	Current transformer	1				
✔	Energy meter	2		✔	✔	1
✔	Fault recording system	3				
✔	Miscellaneous	1				
✔	Power transformer	3				
✔	Protective relay	4	✔	✔	✔	1
✔	Station DC supply	5				
✔	Voltage transformer	5				
	Custom 1					
	Custom 2					
	Custom 3					
	Custom 4					
	Custom 5					
	Custom 6					
	Custom 7					
	Custom 8					
	Custom 9					
	Custom 10					
	Custom 11					
	Custom 12					
	Custom 13					

1.2 Event Configuration

The **Custom Events** section is renamed to **Event Configuration** to reflect the improved UI and the new feature set of this section. From now on, the predefined basic **Maintenance**, **Commissioning**, and **Miscellaneous** event types can be deleted and the order of event types can be reorganized. This contributes to an improved overview not only in the **Event Configuration** dialog but also in the menu when adding a new event. It is also possible to create up to 36 event types (instead of only 12 that were previously possible) based on individual requirements and user's needs. In addition to the already existing options, you can now define a variety of individual functions for each event type:

- Assign events based on this event type to both timelines or a specific one.
- Select if events based on this event type restart the interval.
- Select if the following functions will be available for events based on this event type:
  - Firmware
  - Projects
  - Test
  - Settings (read-only or editable)

Event Configuration ×

Event configuration

| General |

Add event type | Delete event type | Move up | Move down | Number of event types: 4/36

General Commissioning

Flag color: [ ]
Timeline: Both timelines
Restart interval: ✓

Standard event functions
Overview: ✓
Attachments: ✓
History: ✓

Selectable event functions
Firmware: ✓ | Settings: ✓
Projects: ✗ | Editable: ✓
Test: ✓

Check fire extinguisher

Flag color: [orange]
Timeline: Maintenance
Restart interval: ✗

Comment is shown as tooltip for this event type in the menu when adding a new event.

Standard event functions
Overview: ✓
Attachments: ✓
History: ✓

Selectable event functions
Firmware: ✗ | Settings: ✗
Projects: ✗ | Editable: ✗
Test: ✗

Maintenance - UW Völlen

Flag color: [yellow]
Timeline: Maintenance
Restart interval: ✓

Comment is shown as tooltip for this event type in the menu when adding a new event.

Standard event functions
Overview: ✓
Attachments: ✓
History: ✓

Selectable event functions
Firmware: ✗ | Settings: ✓
Projects: ✗ | Editable: ✗
Test: ✓

Maintenance - UW Chesterfield

Flag color: [blue]
Comment is shown as tooltip for
Standard event functions
Selectable event functions

OK | Cancel

ADMO | Projects | Time Grading | Test Sets | ⚙ Administration ? ⓘ _ □ ×

Locations

Add | Open | Delete
Group

▲ 🌐 All locations
  ▷ 🏠 Arlington
  ▷ 🏠 Greenville
    🏠 Houston
  ▷ 🏠 Jackson
  ▷ 🏠 Newport
  ▷ 🏠 Riverside
    🏠 Store
    🏠 Substation South
    🏠 Waltham

Assets

Add | Duplicate | Open | Multi-edit | Delete | Relocate | Copy to clipboard

All asset categories | ✓ Normal operation | Text filter | Filter active | 1 of 1 assets displayed

Status	2nd status	Asset	Asset type	Manufacturer	Manufacturer type	Serial number	Man... year	Location	Ass
✓		Power transformer	Three-winding	Kolektor Etra	RT 31500 - 115	80092	2013	Riverside || Riverside West	

General Commissioning
Check fire extinguisher
Maintenance - UW Völlen
Maintenance - UW Chesterfield

Maintenance

Add | Open | Delete | All events

Power transformer \ Three-winding \ 80092

✓ 2022-05-10

2021-07-01 | 2022-01-01 | 2022-07-01 | 2023-01-01 | 2023-07-01 | 2024-01-01

Normal operation | Maintenance due | Maintenance overdue | Out of compliance

Server database
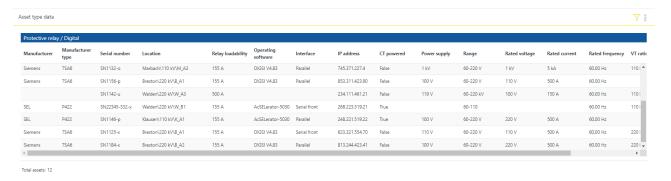
2 InSight 3.10

2.1 Widget expansion

A total of 16 widgets offer more opportunities than ever to gain valuable information from the data that is maintained in *ADMO*. The new **Asset Type Data** widget replaces and expands the **Custom Asset Data** widget and provides the ability to visualize a number of additional data fields that are currently not part of the data grid in *ADMO*. Specifically, the widget provides access to custom data fields and asset type specific metadata. In addition, the widget now features a configuration dialog that allows users to select which data should be displayed in the widget.

Asset type data

Protective relay / Digital

Manufacturer	Manufacturer type	Serial number	Location	Relay loadability	Operating software	Interface	IP address	CT powered	Power supply	Range	Rated voltage	Rated current	Rated frequency	VT ratio
Siemens	7SA6	SN1132-o	Marbach\110 kV\M_A3	155 A	DIGSI V4.83	Parallel	745.371.227.4	False	1 kV	60-220 V	1 kV	5 kA	60.00 Hz	110
Siemens	7SA6	SN1156-p	Breston\220 kV\B_A1	155 A	DIGSI V4.83	Parallel	853.311.423.90	False	100 V	60-220 V	110 V	500 A	60.00 Hz	
		SN1142-u	Walden\220 kV\W_A3	500 A			234.111.461.21	False	119 V	60-220 kV	100 V	150 A	60.00 Hz	110
SEL	P422	SN22345-332-x	Walden\220 kV\W_B1	155 A	AcSELerator-5030	Serial front	268.223.519.21	True		60-110			60.00 Hz	110
SEL	P422	SN1146-p	Klausen\110 kV\K_A1	155 A	AcSELerator-5030	Parallel	248.221.519.22	True	100 V	60-220 V	220 V	500 A	60.00 Hz	
Siemens	7SA6	SN1125-x	Breston\220 kV\B_A1	155 A	DIGSI V4.83	Serial front	623.321.554.70	False	110 V	60-220 V	110 V	500 A	60.00 Hz	220
Siemens	7SA6	SN1184-x	Breston\220 kV\B_A2	155 A	DIGSI V4.83	Parallel	813.244.423.41	False	100 V	60-220 V	220 V	500 A	60.00 Hz	220

Total assets: 12

2.2 Cyber security improvements

InSight 3.10 contains cyber security improvements, such as the option to encrypt the mail server communication. This ensures that the transmitted data is safeguarded.

OMICRON

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and detailed contact information of our
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Subject to change without notice.

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