

zenon 11 Highlights

What's new for the Automotive Industry in 2022?



zenon 11

ERGONOMIC OPERATION

▶ Alarm Management

Alarm Shelving

In case of a disaster, a flood of alarms is generated. To systematically analyze and fix the situation, the operator must be given the chance to temporarily „mute/suppress“ certain alarms. So, for an instance high priority alarms are taken care of immediately whereas lower priority alarms are shelved.

zenon alarm shelving:

- New shelving command in the zenon alarm list
- Selected alarms can be shelved for a specific period, a shelving reason must be stated. Shelved alarms disappear from the alarm list. All associated audio-visual indications are muted
- After expiration of the shelving period, alarms are reactivated

▶ Web Visualization Service

Comfortable configuration of HTML5 user interfaces
Easy to use solution for development of web and mobile interfaces.

CONNECTIVITY

▶ OPC UA Server

With the zenon 11 comes an optimized reload behavior for a more efficient operation.

▶ OPC UA Driver

An enhanced import increases usability.

The OPC UA driver now supports alarms and conditions, which allows other possibilities besides a pure data/value transmission.

The support of methods can be used to start special actions (calculation, acknowledgement, etc.) via the driver at the OPC UA server.

▶ TIA Driver

The TIA driver allows the support of units and offers an enhanced import function.

▶ VASS

zenon 11 comes with a new driver for communication to VASS PLCs

EFFICIENT ENGINEERING

▶ Efficient Engineering (Connectivity)

Integrated Process Gateway Engineering

▶ Efficient Engineering

- **Smart Object Engineering: Mapping rules, API (RelProps und mapping), up to 70% faster updates**
Improvements for template based engineering with Smart Object, including:
 - Support of mapping rules
 - Automatic Engineering for SOs, including specialization of released properties and mapping rules
 - Up to 70% faster processing of SO updates

BROWNFIELD GATEWAY

▶ Edge IoT Gateway on Linux

Compact solution for data transfers, from various data sources to OPC UA.

A key modular component of digitalization projects, this enables reliable and easy to manage information flows from the plant floor to further OT / IT solutions.