zenon 11 Highlights

What´s new for the Life Sciences & Process Industry in 2022?

zenon 11

PROCESS AUTOMATION

▶ **Batch Redundancy**

More robust process automation leading to less production downtimes and reduced material loss

▶ **Alarm Shelving**

The operator can disable specific alarms temporarily.
Extended capabilities to manage process alarms, allowing for more comfort in dealing with complexity.

▶ **Batch Reporting**

New mechanisms for easier aggregation of batch-related process data.
Deeper and more extended insights of every single batch, ensuring a high process quality.

AUTOMATION INTEGRATION LAYER / PHARMA HMI / LES

▶ **MSI Interface**

Native connector to Werum PAS-X MES
Gives the operator a configurable interface out of the box for exchanging data between zenon and Werum PAS-X MES. It supports the batch information exchange and Exception handling.

▶ **OPC UA Client**

Configurable browsing of variables
When there is a large data model and not every part of it is required, a subset of the OPC UA server data model can be selected for background read.

LES / AIL

▶ **Report Engine: Offline reporting**

Gives operators the capability to create reports reading evacuated AML and CEL information directly from SQL DB or Data Storage.
Operators don't need a running zenon server for retrieving. Alarm & Event data.

MODULAR PROCESS AUTOMATION / MTP

▶ **MTP Suite**

From MTP editing to orchestration, the MTP Suite reduces time and costs when integrating new equipment.
Support of process innovation through modular and flexible configuration of production equipment.

PHARMA HMI / LES / AIL

▶ **eSignature: Support of biometric devices**

zenon API has been extended to support eSignature by external biometric devices like Nymi band and others.
Specific devices can be used for user authentication. System integrator has to create a project addin for the device integration.

▶ **Audit Trail: Integrate Audit Trail from external equipment**

zenon API has been extended to support the insert of CEL entries by a project AddIn.
Integrate Audit Trail reading text or CSV files by creating a dedicated project AddIn. Useful for integrating existing machines or legacy equipment.

▶ **eSignature: Comments as option**

The Electronic Signature Module allows to optionally configure comments in every step.
More flexible handling depending on use case.
There might be situations, where no comment is required.