

The zenon platform from COPA-DATA is an industrial control software that combines HMI, SCADA, reporting, alarming, and more. For the pharmaceutical industry, zenon allows users to control, monitor and analyze all aspects of their processes including batch control, energy management, building management, data management, and packaging. Additionally, zenon can simplify the validation process as it is FDA 21 CFR part 11 compliant, ISA 88 compliant, and ALCOA+ compliant as standard.

## Features

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- 21 CFR part 11 compliant
  - ALCOA+ (data integrity)
  - ISA-88 compliant Batch Control
  - E-signature
  - Paper on glass
  - Audit trail
  - Cloud capable
  - Data Storage
  - Energy management
  - Building management
  - Message control
  - Integration to ERP
  - Message control
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### Compliant with:

- 21 CFR part 11 compliant
- ALCOA+ (data integrity)

### ISA-88 compliant Batch Control

Batches and recipes can be created and executed straight from the zenon runtime

### Smart objects - object oriented engineering

Fully functional reusable projects created in zenon that can be remapped and imported into other projects

### E-signature (2-3 step authorization)

E-signature provides users the ability to record user authorizations, user personal, and changes of process steps in a secure manner

### Paper on glass

Removes the manual aspect of batch analysis by allowing reports, compliance documentation and other evaluations to be electronically created upon completing a batch

### Audit trail

A secure, time-stamped electronic record of all process operations

### Data Storage

Data can be stored locally, exported to a SQL database, or stored in the cloud

### Energy management

Built in monitoring to track and optimize plant energy usage

### Building management

Able to manage environment, clean rooms, lighting, facility access and energy

### Message control - Phone, Email, SMS (2 way)

Messages and alarms can be sent out-bound via email, phone or SMS. Users can acknowledge and respond, triggering the next action

### Integration to ERP

Connects with enterprise resource planning systems such as SAP

### Utilized by machine builders in industry

ICS used by Global Industry machine builders leading the Pharmaceutical industry

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