zenon Food & Beverage

zenon® from COPA–DATA is an industrial control software platform that combines HMI, SCADA, dynamic production reporting, and soft PLC systems. zenon gives customers in the Food & Beverage industry the ability to analyze, monitor, and control all processes, improving quality management, line management, and energy management. Access to real–time data allows users to measure overall equipment effectiveness to ensure their facility is optimizing production and quality.

Features

- Overall equipment effectiveness
- Line management
- ISA 88 compliant Batch Control
- Energy management
- Message control
- Packaging and Machine integration
- Web and HTML5 support
- Reporting and Trending
- Historian
- Process recorder
- MES features
- Integration to ERP -SAP

Overall equipment effectiveness (OEE)
Real-time data access allows for easy calculation of overall equipment effectiveness

Line management
Gives an overview of the entire machine line allowing users to quickly respond to changes or obstacles

ISA-88 compliant Batch Control
Batches and recipes can be created and executed straight from the zenon runtime

Energy management
Built in monitoring to track and optimize plant energy usage

Hardware Compatibility
zenon supports over 300 drivers, allowing for communication with all hardware running industry standard protocols

Web and HTML5 support
Users can easily and securely access the zenon interface from mobile devices

Reporting and Trending
Integrated trending and reporting screens are easily customizable using pre-made templates

Historian
Integrated historian is easily configurable, merged with real-time data and easily exportable

Process recorder – with live replay
Runtime activity can be played back for detailed analysis

MES features
Line management, OEE, Batch, and Energy Management

Integration to ERP
Connects with enterprise resource planning systems such as SAP

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

Utilized by machine builders in industry
ICS used by Global Industry machine builders leading the Food & Beverage industry

Learn More

www.copadata.com