EVA ICS

A new SCADA for Smart City and Enterprise Management

IIoT in Smart City

EVA ICS

How EVA ICS can make your city smarter, safer and more sustainable

- Intelligent lighting operation
- Telemetry analytics and traffic managment
- Smart utilities management

Industry 4.0 ready

Zero Vendor-lock-in

Connect any existing hardware in your IIoT solution

Easily developed drivers for any equipment

Enterprise Management (real node control)

A high-speed, reliability and secure system, allows controlling nodes in real time

Security

Private isolated clouds with no internet connection:
Flexible access control lists
Zero malware attack risk
Private secure and reliably isolated clouds for mission-critical plants

Modern user-friendly interfaces

Create HMI (user) interfaces for any devices

Use the single unified human-machine interface with desktop and smartphone support for all your tasks
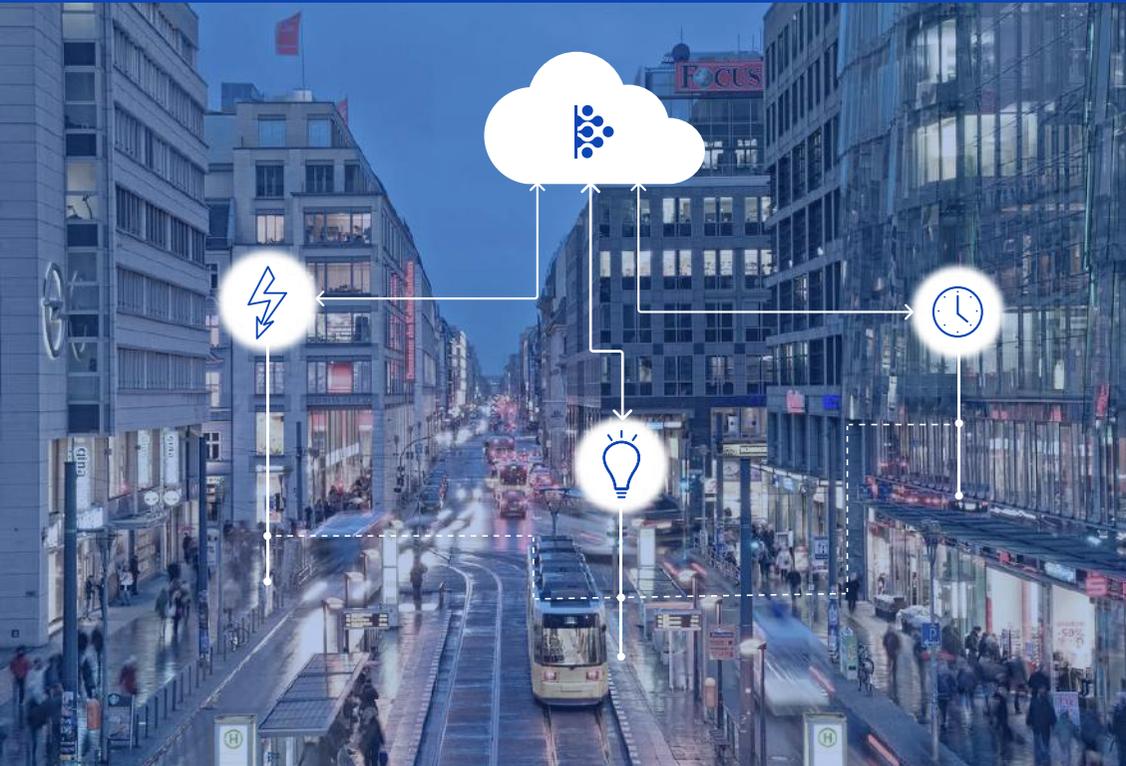
Fast deployment:

The infrastructure-as-Code paradigm allows quick deployment of configurations on any plant in your private cloud

Crash-free database YEDB

Unique in-house crash-free database for configuration and state data.

EVA ICS

Intelligent lighting operation

Remote monitoring and control
Power failures are automatically reported by the system, saving time and costs

Smart asset management
Digital system smartly plans and routes the maintenance works

Smart lighting and scene setting
Controllers can collect data from various 3rd party services, reducing dependence on owned sensors

Intelligent energy metering and billing
A smart meter accurately calculates the energy consumption taking into account the varying rates and automatically bills all entities

Telemetry analytics and traffic management

Safe and efficient management of traffic flows in various locations

Planning street maintenance works to minimize the street blockages

Analysing the sensor data, adjusting traffic signal cycles by traffic management algorithms

Rapid automatic and operator-controlled reaction to motorway disasters

Smart utilities management

Traces resource flow, such as gas, water and electricity through the distribution network
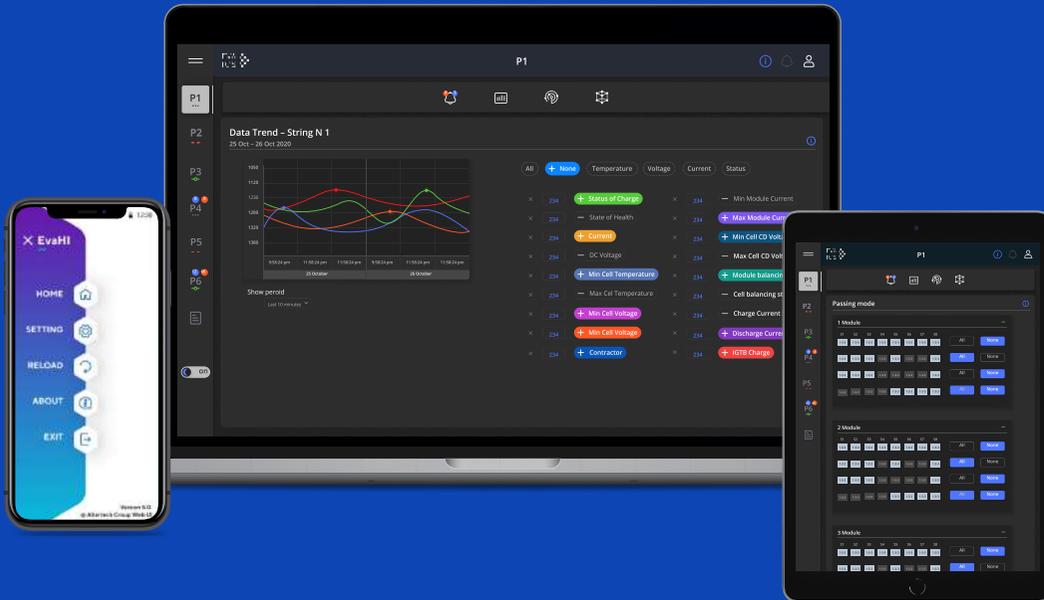
Provides remote control and operational view on all dynamic settings of adopted devices

Analyzes affection of natural cataclysms: storms, outages, floods or equipment failure.
Provides training for engineering teams

Planned maintenance scheduling and handling

EVA ICS

EVA ICS is a new SCADA
developed by integrators for integrators
that allows you to create a smart custom
solution with unique features
for Smart City and Enterprise Management

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