TRIDIUM authorised distributor

powered by
niagara framework®
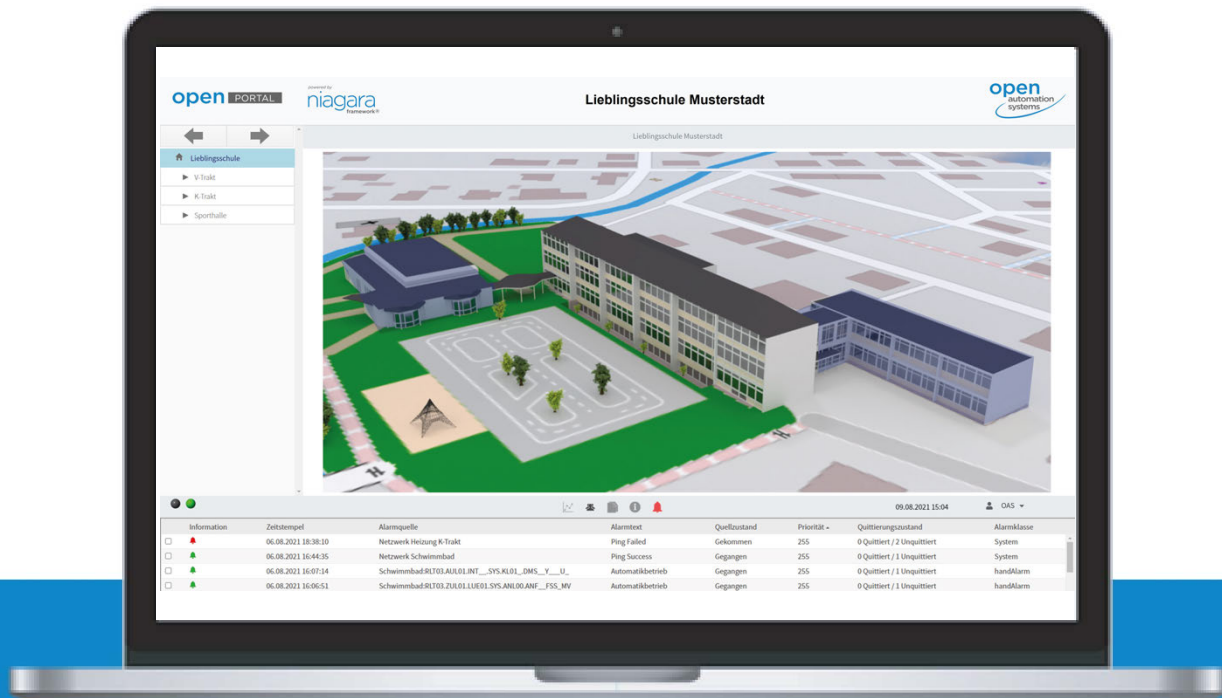
OAS SOFTWARE

OAS SUPERVISOR UTILITIES APPLICATION

THE DIGITALISATION OF BUILDING TECHNOLOGY

You want to create very fast, super-effective and structured BMS solutions with complex building and plant structures? With the "OAS Supervisor Utilities Application" you are able to do this. From simple smart buildings to complex smart city or campus solutions.

→ www.openautomationsystems.store

IoT Solutions and Services
for Smart Automation

open automation systems

OAS Supervisor Utilities Application

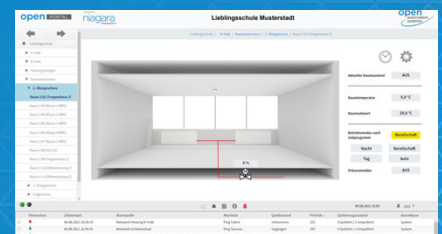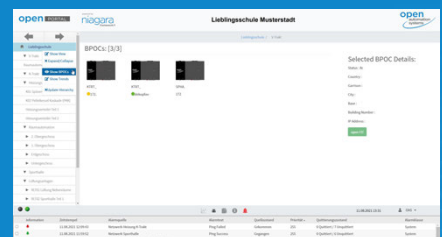## the digitalisation of building technology

You want to create very fast, super-effective and structured BMS solutions with complex building and plant structures? With the "OAS Supervisor Utilities Application" you are able to do this. From simple smart buildings to complex smart city or campus solutions.

Embedded in the BACnet® certified Niagara Supervisor, the OAS Supervisor Utilities Application enables the rational, structured and semi-automated creation of an open BMS, energy management or SCADA solution. Whether local, stand-alone on the customer server, in the customer data centre or as a cloud-based portal solution: each solution offers secure, reliable and trouble-free plant integration with a high level of operating convenience.

The utilities are applications integrated in the Niagara Supervisor. The modules are offered in four levels:

- OAS BACnet and Niagara 4-Supervisor Utilities 1 WEB-BMS base module
- OAS BACnet and Niagara 4-Supervisor Utilities 10 WEB-BMS base module
- OAS BACnet and Niagara 4-Supervisor Utilities 100 WEB-BMS base module
- OAS BACnet and Niagara 4-Supervisor Utilities Unlimited (UNL) WEB-BMS base module

OAS Supervisor Utilities

Engineering tool increases efficiency for Digitisation of building technology
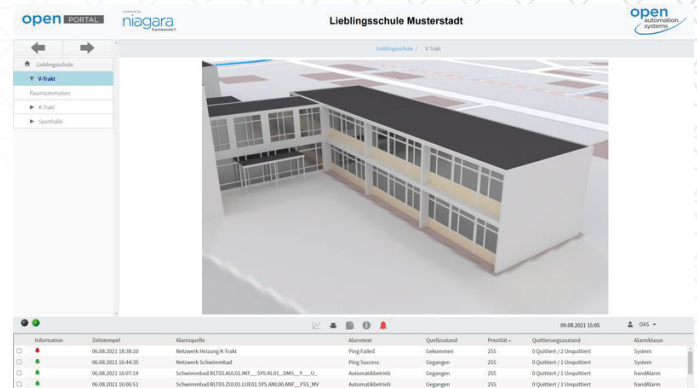
The "OAS Supervisor Utilities Application" from OAS Open AutomationSystems is a powerful engineering toolset. It enables application developers to create very fast, super-effective and structured BMS solutions with complex building and plant structures. From simple smart buildings to complex smart city or campus solutions.

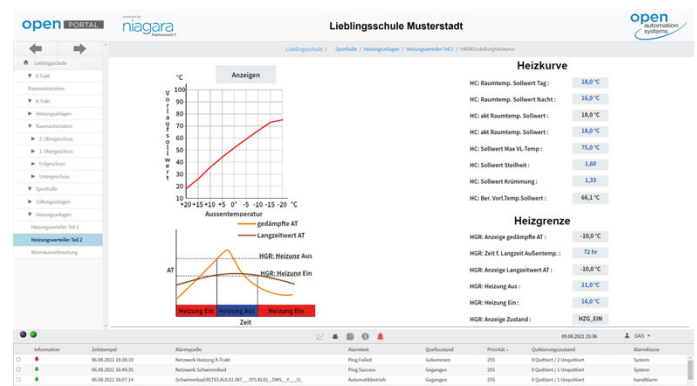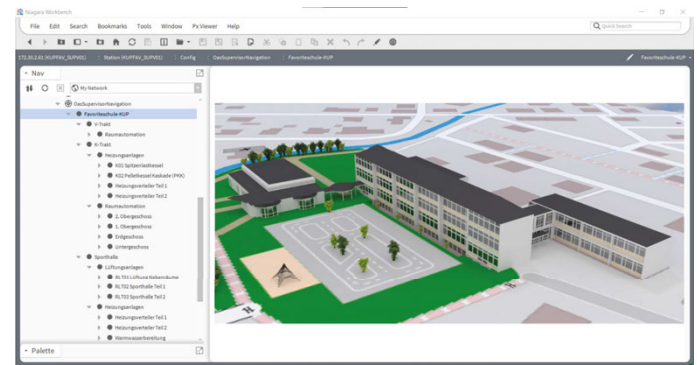## OAS Supervisor Utilities; BMS powered by niagara

Embedded in the BACnet®-certified Niagara® Supervisor, the OAS Supervisor Utilities Application enables the streamlined, structured and semi-automated creation of open and web-based BMS, energy management or SCADA solutions. This new toolset offers intelligent functionalities at Niagara® workbench and server level for the structured and scalable integration of simple to complex plant, campus, building and facility structures across all building services trades. The also freely scalable integration of networks from Niagara®-based integration platforms and third-party systems are part of this OAS solution.

With a guided set-up of clear, hierarchical structures, the OAS toolset supports safe navigation through all buildings, rooms and facilities. All objects, graphics, but also background images can be integrated effortlessly.
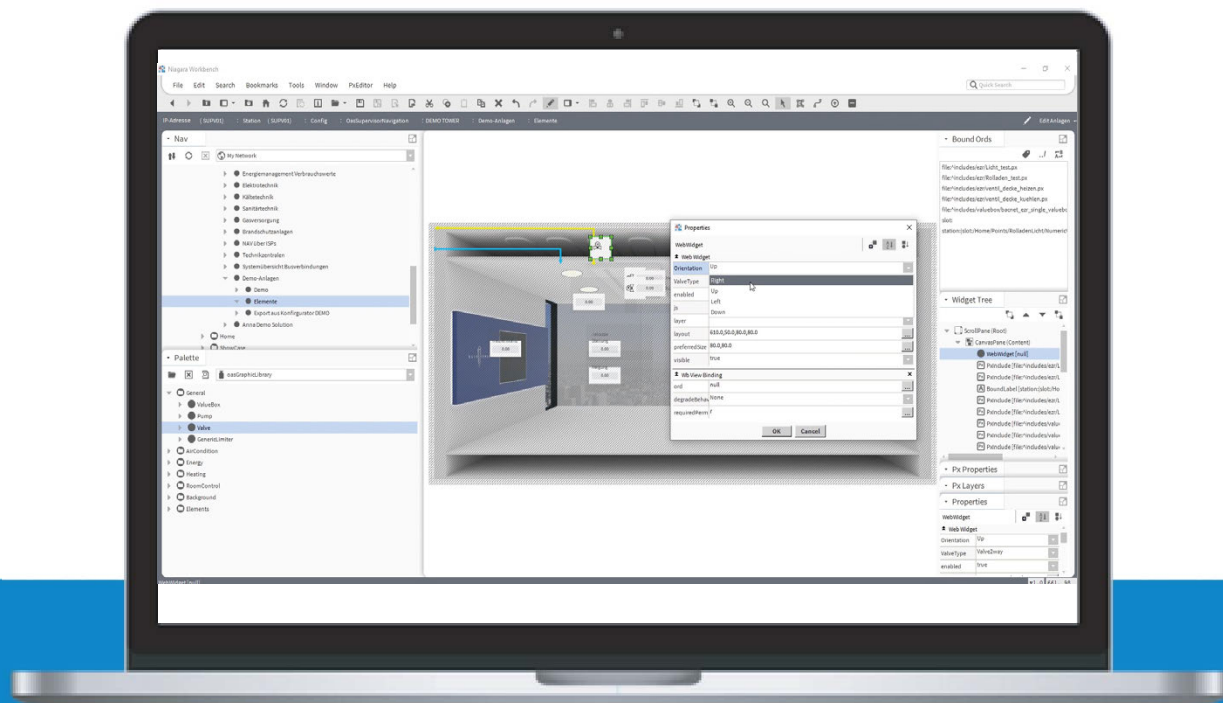
AnalyticWebChart and dashboard functionalities can be easily integrated. Export of data and data sets is supported. The OAS toolset simplifies the creation of trend and historical data.

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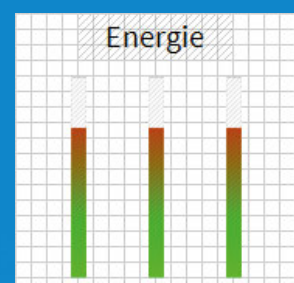To simplify the creation of the visualisation OAS offers an extensive Graphic library.
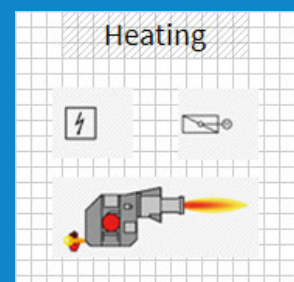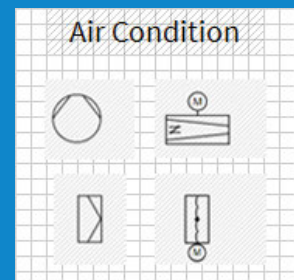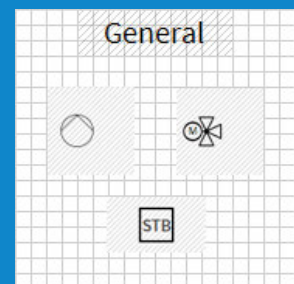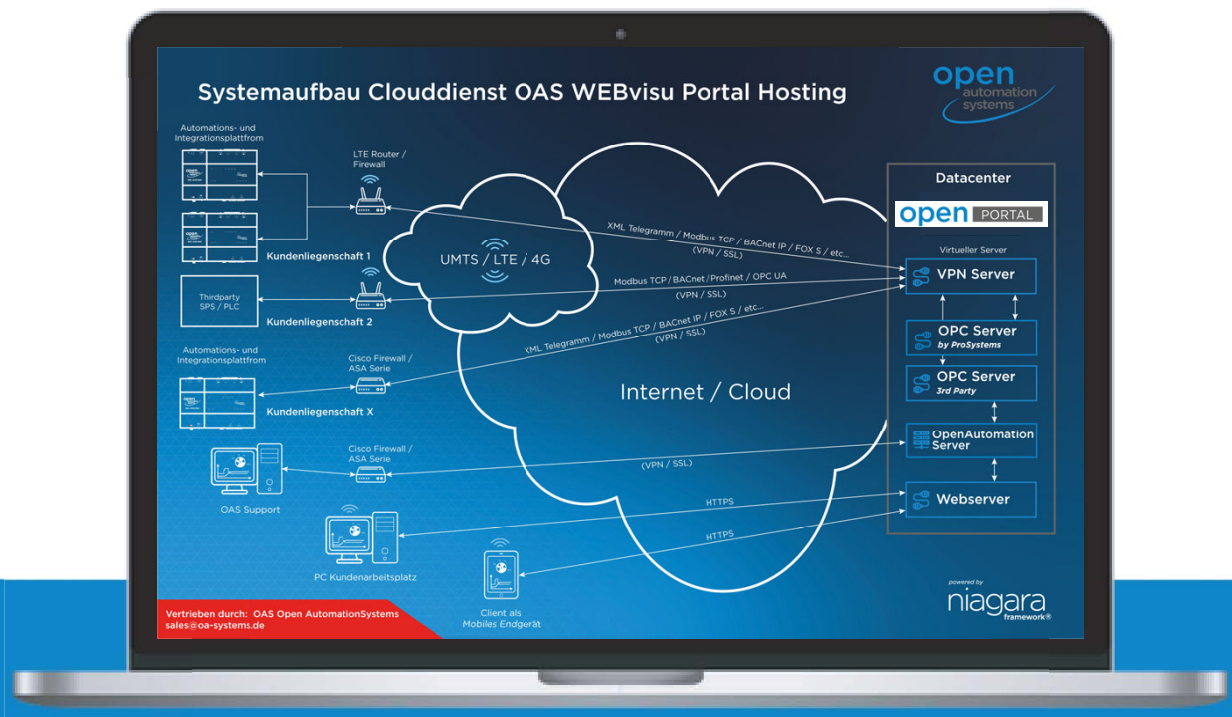
OAS Graphic Library

the efficient creation of standardised and complex graphics of energy and building management systems

The OAS Graphic Library, developed by ProSystems, is an update for the OAS Supervisor Utilities and a collection of graphics and widgets from building services engineering. For the entire technical building equipment (TGA) such as heating, ventilation and air conditioning technology as well as room automation - graphics are provided for all important applications. Sensors and actuators are provided as well as pop-ups with Niagara standard functions and interfaces for numeric, Boolean and other data point types.

OAS partners and users use the "Graphic Library" to rationally create standardised and complex graphics of energy and building management systems. Working with the OAS Supervisor Utilities within the Niagara Workbench becomes even more effective with the "Graphic Library". The library provides widgets with a modern user interface for selecting functions and properties.

In order to make the best use of all the innovations of the OAS Supervisor Utilities and to display them optimally, our "Graphic Library" uses the latest web technologies offered by the Niagara Framework®.

General

Air Condition

Heating

Energie

Systemaufbau Clouddienst OAS WEBvisu Portal Hosting

OAS WEBvisuPORTAL

the inexhaustible cloud automation solution

OAS WEBvisuPORTAL is the inexhaustible cloud automation solution, at one or more providers / data centres, for all applications and programmes in our product range.

Portal software and hosting from a single source offer extensive advantages

With our portal solution, you no longer need your own server or server structure on site. The time-consuming and cost-intensive care and maintenance of your own server is therefore no longer necessary and is taken over by an OAS data centre as a service. System failures and data loss of important information are a thing of the past.

- No need to invest in new server hardware / infrastructure / software systems
- Your system is always up to date
- Risk minimisation in the area of personnel provision

Service and management
- Your requirements in the area of 24/7 operation can thus be realised
- We offer managed services up to application management around the clock
- Adaptations and scaling of existing and new IT requirements of customer systems are
  easy to realise

Requirements and certifications
- The data centre is part of the critical infrastructures and therefore TÜV tested and classified as highly available, level 3 (tekPlus) and ISO 27001 certified.
- From firewall operation incl. VPN tunnel to managed rack solutions
- Time- and cost-intensive TÜV and ISO certifications are no longer required.
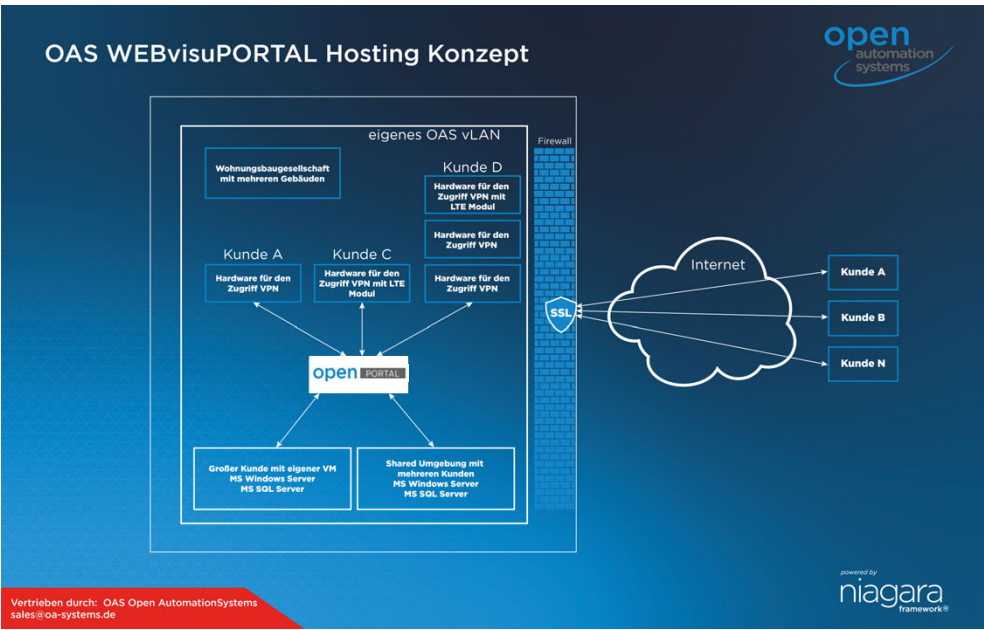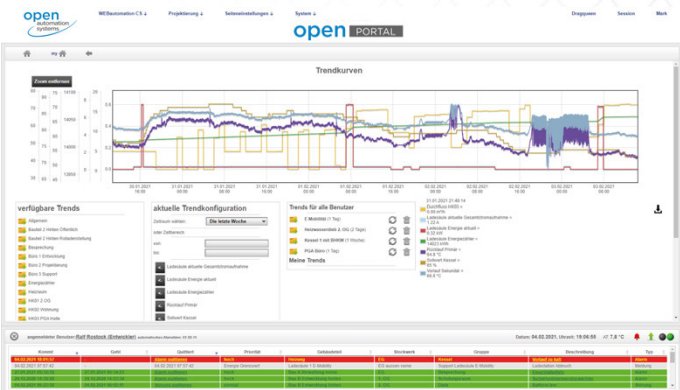
Operating comfort with visual feedback

The display, optimised for web browsers or touch surfaces, is possible with graphic elements that are structured as dynamic HTML documents via WEBvisu server. Overviews of sites with green spaces and streets provide orientation when searching for specific buildings. We also have a wealth of experience in the visualisation of entire sites. Via a web browser, access to all system statuses, parameters and error messages is possible with a high degree of operating convenience. Authorised personnel can quickly and safely carry out all configurations and settings and intervene if necessary.

Trending

Trending is used for the graphical representation of measuring points and system states as a curve progression. Via the available trends, the user can compile the desired data and have it displayed in a curve diagram with settings such as time period or time range. Individual data can be selected from "available trends" or from previously compiled and saved templates from "trends for all users". A specific range can be selected for closer inspection. This zoom function limits the curve diagram to the selected area. The individual values of each curve are displayed in the legend.

System structure OAS WEBvisuPORTAL Hosting

IoT Solutions and Services for Smart Automation

Individual solutions for intelligent buildings / smart building solutions. We offer you everything you need. From the automation and control technology of your lighting and façade control to the automation of the heating, ventilation and air conditioning system, we offer you both individual components and standardised and proven SBS complete solutions.

open automation systems

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niagara framework®

TRIDIUM authorised distributor

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