

Easy Engineering

Fast engineering of BMS projects in the DEOS engineering workflow

The key to success is efficiency in the project. We help you achieve this with our engineering tools for fast and error-free programming, thus reducing your efforts. The DEOS programming tools offer you pre-configured macros, templates with entire HVAC systems and system integrations, automation of repetitive work steps and a practice-oriented user interface.

Programming tools for successful building automation

In addition to AMEV-compliant BACnet macro and template libraries, the OPEN FXL engineering tool provides comprehensive tools for the mass parameterisation of all IO and BACnet objects as well as for commissioning. In addition, the connection of the DEOS BACnet controllers to the B-AWS OPENweb is largely automatic. This saves you valuable working time. The consistent use of BACnet in the entire workflow leads to significant efficiency gains, efficiency gains that enable projects to be handled more economically.

Advantages at a glance

- ✓ **Efficiency** – Fast implementation of BACnet projects thanks to AMEV-compliant libraries
- ✓ **Reduced effort** – Optimised workflows additionally facilitate BACnet engineering
- ✓ **DEOS Look & Feel** – Consistent visualisation from project planning to the BMS OPENweb
- ✓ **Practical** – joint development of libraries and libraries and workflows with our partners

F OPEN FXL
Engineering software

W OPENweb
BMS

Project planning
incl. mass
parameterisation

Commissioning
incl. 1:1 test

Operation &
Maintenance

DEOS onSite
Commissioning app





AMEV-compliant libraries

With our AMEV-compliant BACnet macro and template libraries, we cover the majority of requirements in the areas of heating, ventilation, air conditioning and refrigeration. We guarantee this through practical development on real projects together with our partners. The BACnet libraries are the central building block for efficient BACnet engineering, as they contain all BACnet information with meaningful default values and – as always with DEOS – also include the graphics level. The tried-and-tested system integration libraries, which enable the efficient integration of Modbus, M-Bus and KNX devices, for example, also minimise future workloads.

Optimised workflows in all project phases

With our engineering tools, we offer you optimised workflows to save valuable working time in both project planning and commissioning.

Efficient mass parameterisation

Efficient mass parameterisation of all data points is particularly important. Predefined and practical workflows, such as the parameterisation of the AKS or the message classes, can significantly reduce workloads.

Mobile commissioning

With DEOS onSite, you can commission all data points directly on the field devices in the building. The test results are also automatically documented in the app with comments, photos and additional work. All settings such as offset, scaling, sensor type and operating mode can be parameterised and documented for calibrating the inputs and outputs.



Follow us on social media and stay up to date.