

NX – Niagara eXtended

Integrated Building Management offers performancebased engineering and enables Single-Tool-Engineering throughout the whole Building Management System

Flexible, cross-level communication

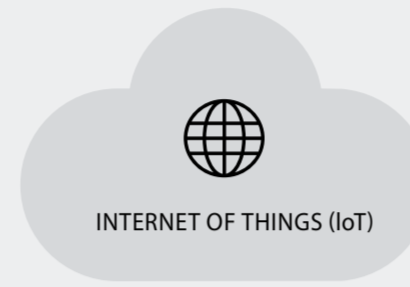
Useful apps for commissioning and use

Analytical Building

Change the way you run your technology enterprise with connected visibility and control.
Connectivity for all your existing systems and buildings without the need to rip and replace anything.
Control systems and buildings remotely, from any device.
Intelligent energy savings for an enterprise level impact.

JSON

TCP/IP



APPS:

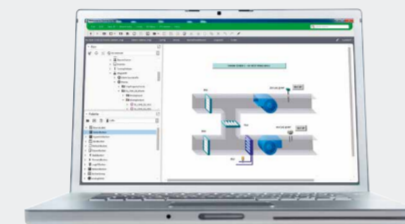
- Commissioning APP
- Balancing APP
- HVAC APP



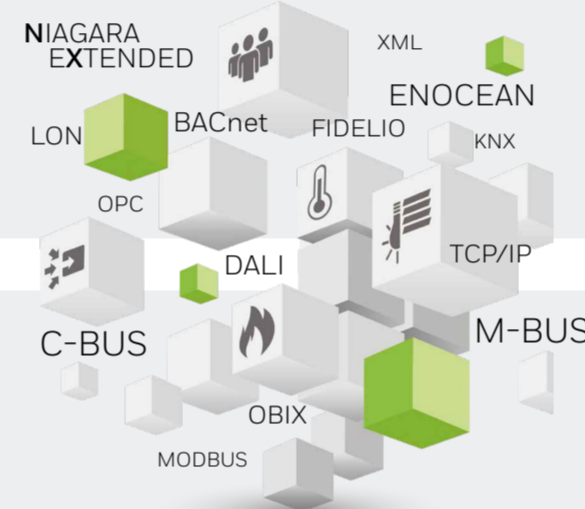
Supervision & Energy Manager

ARENA NX by CentralLine is a powerful integration and supervision platform, offering a unified vision across all building subsystems. It reduces the complexity of managing different applications, thus maximizing uptime and reducing operational efforts.
ENERGY VISION by CentralLine is an extension module to the supervision platform, which gives you even more control over a building's environmental performance and costs.

KNX



ARENA NX



ENERGY MANAGER



MOBILE

DASHBOARDS:

- Healthy Building
- Samba

Integration & HVAC Plant Control

CentralLine offers a comprehensive line of HVAC plant controllers, which optimise energy consumption and extend the lifetime of heating plant equipment, chillers and air-handling units.
Extensive application libraries for heating, ventilation, air conditioning and cooling solutions provide pre-tested, highly efficient algorithms, yielding reductions of up to 30% in energy consumption.



Modbus



HAWK 8000



EAGLEHAWK NX



BEATS ADVANCED SNAP I/Os

Room Management

CentralLine offers a wide variety of configurable and freely programmable room controllers for HVAC room applications (e.g. fan coil units, chilled ceiling, hydronic heating or VAV applications) that offers performance-based engineering with Niagara eXtended (NX) and enables Single-Tool-Engineering throughout the whole Building Management System. Scalable and flexible integration options enable demand-led control for HVAC, Light and Blind which enables not only high energy cost savings but also maximizing comfort and well-being.



MERLIN NX IP UNIVERSAL RC



MERLIN



MERLIN NX



MERLIN NX IP VAV



MERLIN NX COMPACT VAV

Integration

CentralLine is integrating all building management systems, such as HVAC, lighting, shading, fire, smoke and intrusion detection, video surveillance and access control.
The wireless sensors deliver significant benefits in terms of ease of installation and cost.



Lighting



CentralLine offers a DALI lighting control system embedded within a best in class PIR sensor. A simplified commissioning can be achieved with the intuitive Light Touch commissioning App.



Bluetooth Switches

EASY CLICK



Lighting, Shading, Temperature

Fire & Security



Connected via UPC-UA

Video



Field Devices

Controlling the efficiency of a system is heavily dependent upon the quality of the connected field devices and the information these provide.

CentralLine offers a complete range of field devices, including:

Sylk



Wall modules
A range of devices for measuring temperature, humidity, air quality and controlling setpoint, fan, light and blinds.



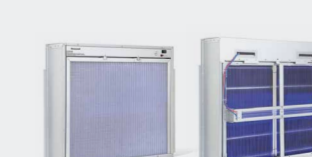
Thermostats
Our thermostats are easy to use and have precise temperature control, making boiler operation more efficient.



IQ Sensor
Our multi-sensing devices report a full range of air quality factors to your building management system (BMS).



Valves & Actuators
The range of valves and actuators cover all HVAC applications including 2-way, 3-way and 6-way linear valves. Choose from a multitude of actuators including: thermic, linear, rotary, direct coupled actuators for air dampers, ventilation flaps, louvres and VAV-units.



Air Cleaners Electronic & UV
Two-stage electrostatic air cleaner EAC removes most airborne particles as small as 0.3 micron. With optional UV disinfection filter.



Variable Speed Drives
The range starts at 3.3 Amps and scales to 310 Amps. Drives are available in IP21 and IP54 versions.