



# EAGLEHAWK NX

## COMPREHENSIVE CONNECTED BUILDING MANAGEMENT

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Benefit from a comprehensive solution offering cross-application control, low cost installation, integrated and safe remote operation, and much more.



## All You Need, Onboard.

EAGLEHAWK NX is an extremely powerful controller running heating, ventilation, and air conditioning (HVAC) plants. Plus, it seamlessly integrates other building applications.

The freely programmable controller utilizes the CentralLine Niagara eXtended (NX) platform, and is BACnet certified (B-BC).

The comprehensive concept of EAGLEHAWK NX offers numerous benefits, including:

- Operational savings through integration and common operation of all building applications as well as running the latest Energy Management tools directly on the controller.
- Installation savings due to its small housing, embedded Input/Output points and dual Ethernet ports capable of daisy-chain wiring.
- Easy, reliable and cost-effective handling through network independent 'emergency' operation (via embedded HMI), as well as secure Java-free remote operation.
- Easy to upgrade existing solutions to the latest connected technologies.

# Operational Savings

## Integration

Seamless integration of various building applications is essential in achieving minimum operating costs and optimum working and living conditions. Our solutions connect HVAC, lighting, shading, metering and much more.

EAGLEHAWK connects and translates data from nearly any device or system – optimizing energy consumption and the overall operational cost of your building.



## Energy Management

Additionally, ENERGY VISION NX, the superb energy management suite can run on the controller to analyze and optimize the operation of your facility.

# Installation Savings



Wall



Rail



Fuse Box



Panel-Bus IO Concept

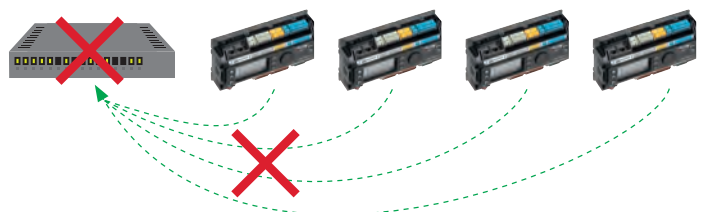
## Flexibility & Scalability

EAGLEHAWK is mountable on walls, DIN-rails or in standard fuse boxes. It offers maximum flexibility and extendability by using a scalable Input/Output (IO) concept:

- 14 and 26 onboard IO option, avoiding separate IO modules
- Optional compact, mixed IO module
- A Panel-Bus IO Concept (0 to 1000 hardware points) allowing distributed mounting of IO modules. It is maintenance-friendly due to separate wiring sockets enabling quick exchange without re-wiring.

## Smart Wiring

Achieve further cost savings with the controller equipped with dual Ethernet ports enabling daisy-chain wiring, which avoids Ethernet switches and wiring controllers back to the Ethernet switch. Alternatively, dual Ethernet offers BMS networking separate to company IT networks.





# Easy to Handle

EAGLEHAWK NX offers you scalable options to control your data and decisions.

This extremely cost-effective operating unit meets the requirements for network independent and emergency operation, as well as toolless configuration and operation on-site.



Onboard HMI



Detached HMI



The web-based controller EAGLEHAWK can be handled via browser, allowing safe (Java-free) and intuitive operation of all functions – thereby significantly improving your ability to manage your facilities, including:

- Integration and supervision of room control applications
- Alarms, schedules, trend histories, graphics/ schematics, e-mail, SMS
- Remote access, remote programming and remote service,
- Energy Management functions, including metering (M-Bus, Modbus)

In larger installations, controllers can be networked to an ARENA NX supervisor.



# Easy to Upgrade

EAGLEHAWK and Niagara eXtended are ideal for upgrading existing, so-called 'communicating' solutions to the most current future-open, connected technology platforms.

Thereby existing HVAC and non-HVAC installations can be operated remotely via browser and fully customizable interfaces. Energy management analytics and optimization strategies can be rolled out, and entire facilities can be enabled for Niagara cloud solutions.





# Niagara eXtended

Niagara eXtended (NX) is the CentraLine building management system. It is expanded upon the industry-leading Niagara software platform and offers additional benefits and value to CentraLine customers and partners.



## Supervision

ARENA NX by CentraLine is a powerful integration and supervision platform, offering a unified vision across all building subsystems. ENERGY VISION puts you in control of your building's energy consumption.



## Plant Control

CentraLine offers a comprehensive line of connected building management controllers for a variety of applications including HVAC and fully integrated solutions. CentraLine-specific are two further components:

- **Application Library**

The CentraLine Application Library ensures unparalleled energy efficiency as well as maximum application reliability. Energy Class A can be attained to meet international standards such as EN 15232.

- **Panel-Bus IO Concept**

Robust and scalable, the CentraLine Panel Bus Input/Output modules support application sizes from small appliances to large systems with over 1000 IOs.



## Room Control

Our extensive offering of configurable and programmable room solutions ensures both customer comfort and high-energy efficiency. Easily integrate wireless lighting and blind control solutions in accordance with EN 15232.



## Investment Safeguard

Niagara eXtended allows for seamless integration of Honeywell legacy installations, including C-Bus, Lon and BACnet systems. This minimises cost of change and offers additional flexibility to upgrade installations to the Internet of Things.

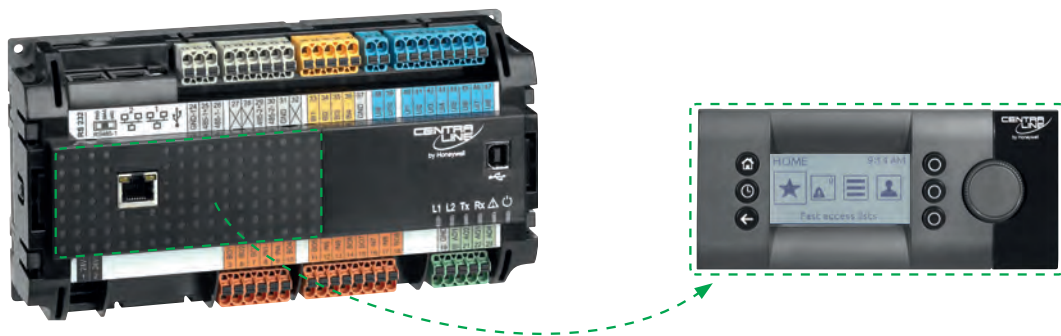
# Versions

EAGLEHAWK NX is available in different IO configurations, and with or without HMI. Please see the Product Datasheet for more details.

Onboard HMI



Detached HMI



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**centraline.com**

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