

DIRECT DIGITAL CONTROL SERVICES

SERVICING OUR
INDUSTRY
FOR OVER 30 YEARS
1994 - 2024



www.innotech.com.au

INNOTECH®

Innotech is a registered Trademark of Mass Electronics Pty Ltd

INNOTECH CONTROL SYSTEMS - AUSTRALIA



- Innotech are Australia's largest manufacturer of HVAC Controls and BMS Products
- Innotech was first established in 1984
- All Innotech products are manufactured in our Australian manufacturing facility



OMNI BUILDING & ENERGY MANAGEMENT SYSTEM (BEMS) SOLUTIONS

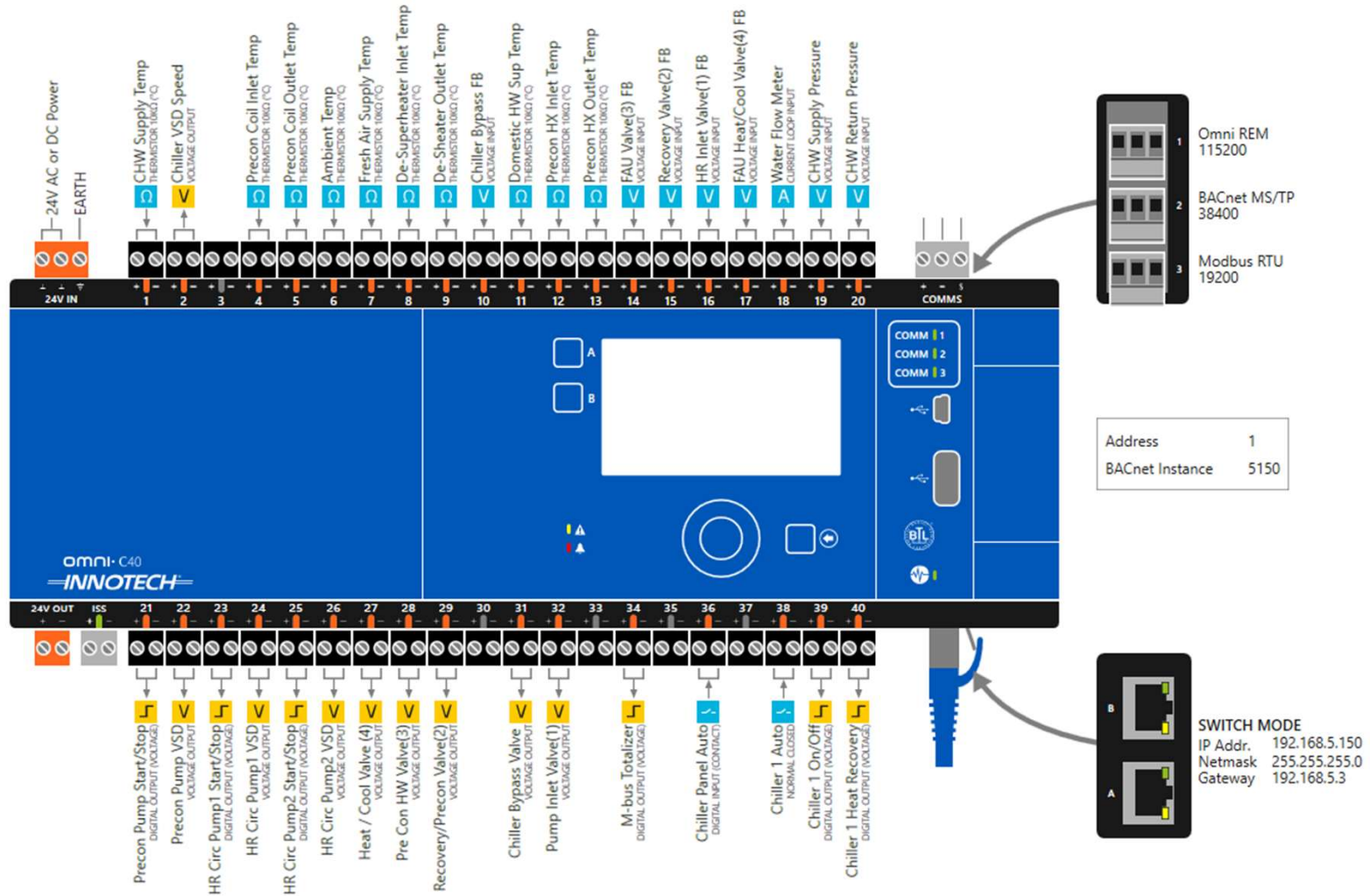


HIGHLIGHTS

- Native BACnet Communications and BTL Tested
- On board Cross-platform Web-Server
- Fully Programmable Points (UI/O)
- Optional on-board or remote HMI
- Multiple Communication Channels and Protocols
- Three models with 14, 20 or 40 Universal IO Points
- Local communications accessed via USB Cable
- Optional HMI interface
- Web-Server Interface



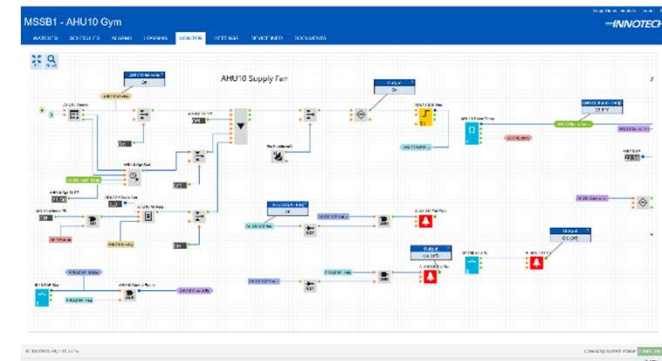
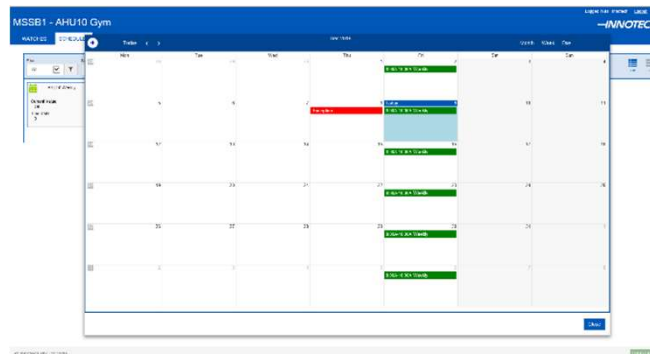
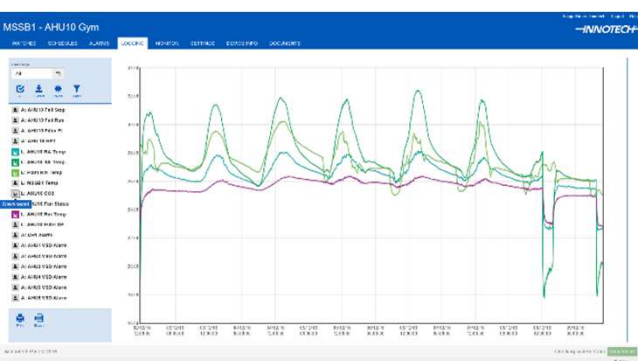
OMNI WIRING DIAGRAM



ON-BOARD WEB-SERVER, ALARMS & NOTIFICATIONS

❖ WEB-SERVER INTERFACE

- Up to 10 OMNI controllers can be seamlessly accessed via the WEB-SERVER without any gateways or master controllers
- Adjust System variables (such as setpoints, timers and over-rides etc.)
- Adjust Calendars and Schedules
- View and Acknowledged Alarms
- Extract Logged Data and view in a Graph, Print and/or Export it to CSV
- View, monitor and tune systems via a real-time view of the controllers configuration



OMNI - FRONT END GRAPHICS

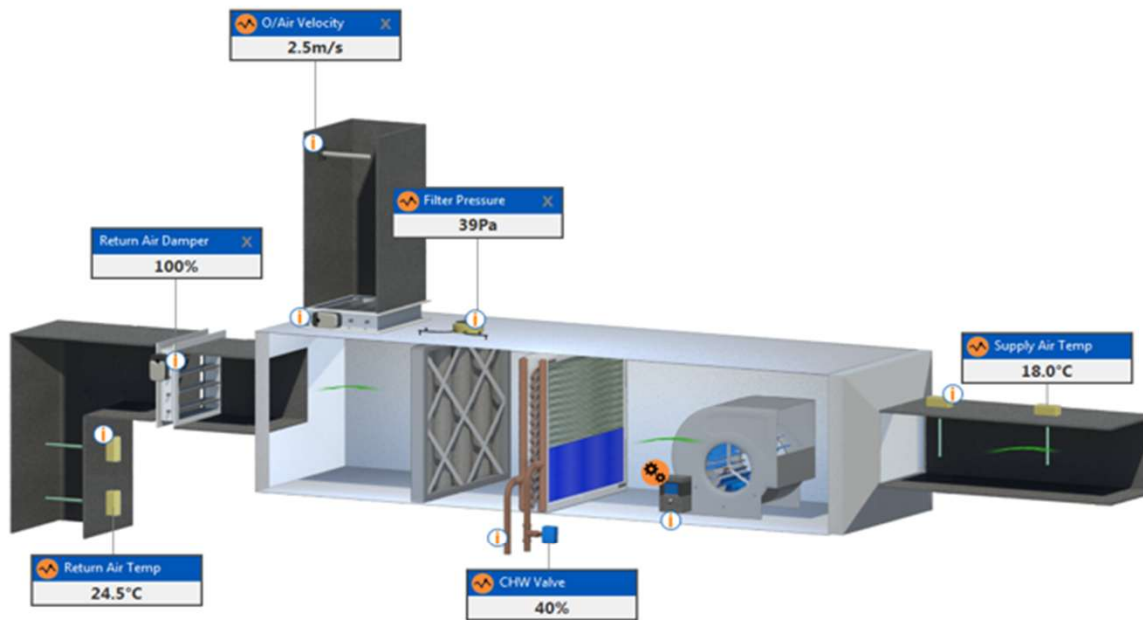
Ground Floor

Store Office/Testing - Air Handling Unit 2

Floorplan

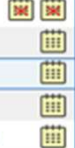
Air Handling Unit Control

Supply Fan Request	<input checked="" type="checkbox"/>
Primary Setpoint	22.5°C - +
Actual Setpoint	18.1°C
Static Pressure Setpoint	200Pa - +
CO2 Setpoint	650ppm - +
Outside Air Velocity Setpoint	2.3m/s - +
Heater Status	<input checked="" type="checkbox"/>
VAV Selector	<input type="text"/>



- Units
- AHU 1 - Sales/Foyer
 - AHU 2 - Store Office/Testing
 - AHU 3 - Store Room
 - AHU 4 - Production/Tool Room
 - AC 3 - Surface Mount Room

This/Next



Innotech SKIA

Enhance your building automation system with the Innotech SKIA range designed to simplify your building automation needs.



Fully Programmable

Communication Options

Control Made Simple

The Innotech SKIA Controller is a digital, fully programmable controller, with native BACnet connectivity, that can control a variety of industrial and commercial systems

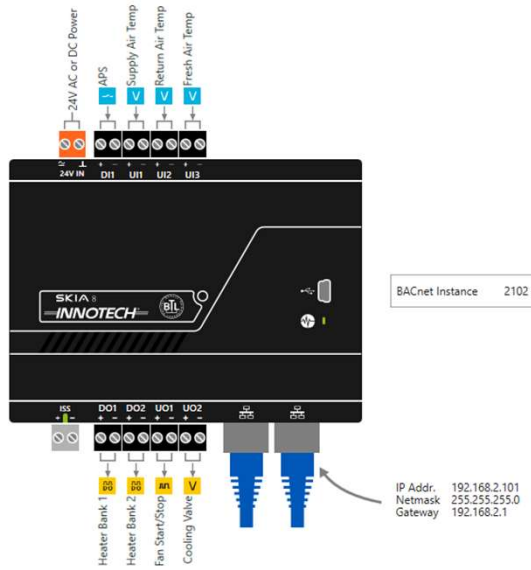
Controller Features

- Multiple communication profiles to suit your application requirements
- A range of models to meet your system needs
- Dedicated inputs and outputs to suit your application needs
- Integrate with smart room sensors to give a powerful room control solution for standalone or complete network solutions
- Program your controller using Innotech Focus software intuitive engineering software including built in simulator and graphing tool
- Scalable solution to suit large or small project requirements
- BTL certified device to ensure seamless integration into building networks
- Network programming with live monitoring

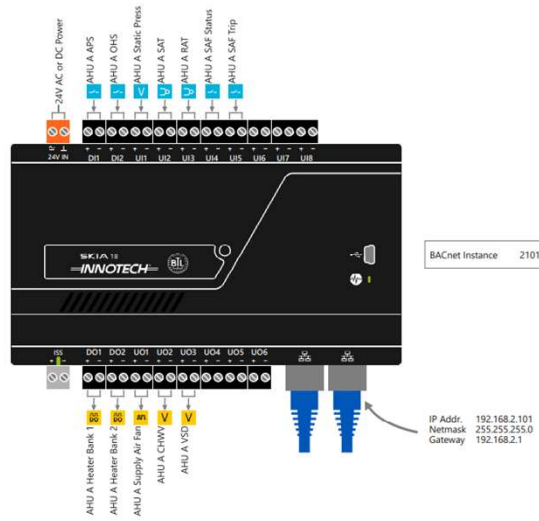
INNOTECH[®]
Innovative Control Solutions

SKIA AHU WIRING DIAGRAM

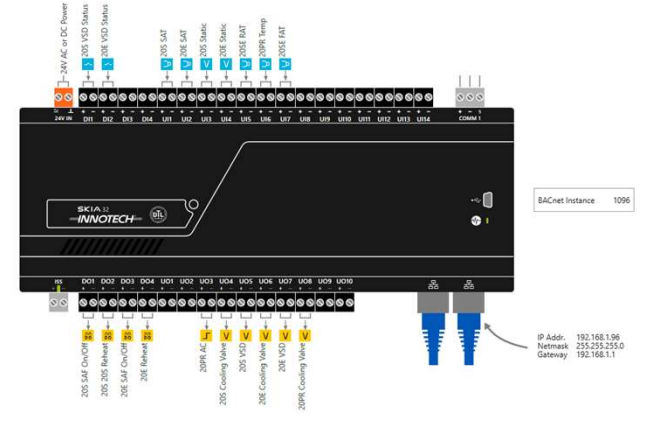
SKIA 8



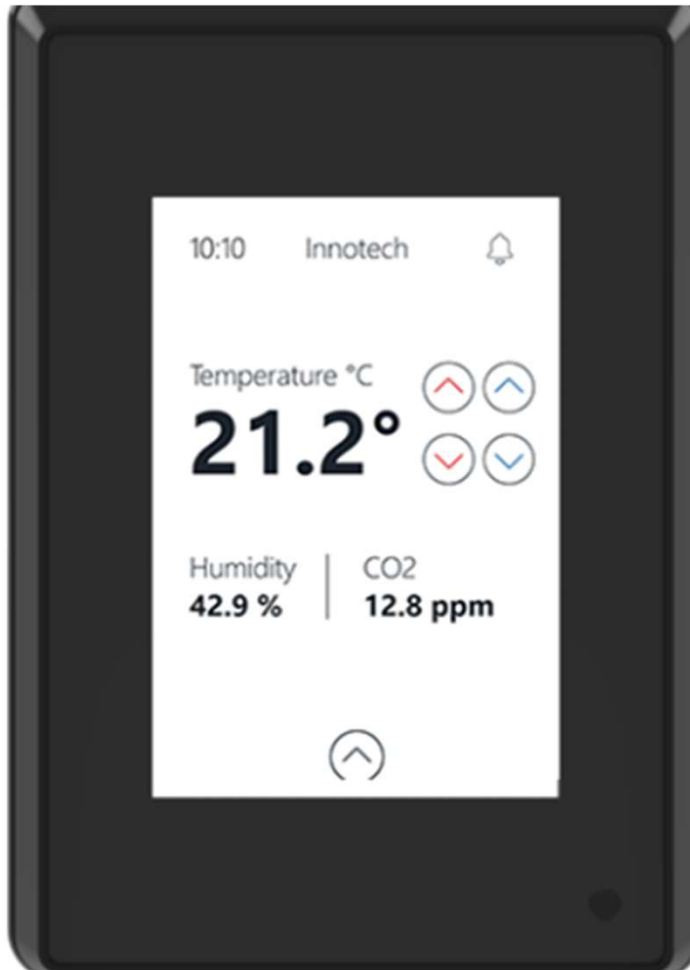
SKIA 18



SKIA 32



INNTOUCH₂ SMART SENSOR



- innTOUCH₂ Smart Sensor with Human Machine Interface includes the following sensor types:
 - Temperature
 - Humidity
 - Room Occupancy (optional)
 - Lux (optional)
 - Volatile Organic Compounds (optional)
 - Carbon Dioxide (optional)
- Accessible via Bluetooth using dedicated Smart Phone App
- Front panel glass with capacitive touch display
- Custom user interface themes
- Real Time Clock with super capacitor backup for 48 hours
- Isolated BACnet MS/TP or isolated ISS communication port
- USB Mini-B service port
- Low profile modern design
- Two device colour options, black and white



INNOTECH INNVIEW



- The Innotech InnView HMI WebServer display can be used with any webpage applications such as the Omni controller, NeoView, NeoLink, and propriety 3rd party web interfaces.
- The HMI allows users to view and edit selected system values and variables such as setpoints, calendar events, acknowledge alarms and adjust controller system settings.
- InnView is an Android operating system capable of containing applications and being used in harsh environments due to its industrial-grade design.



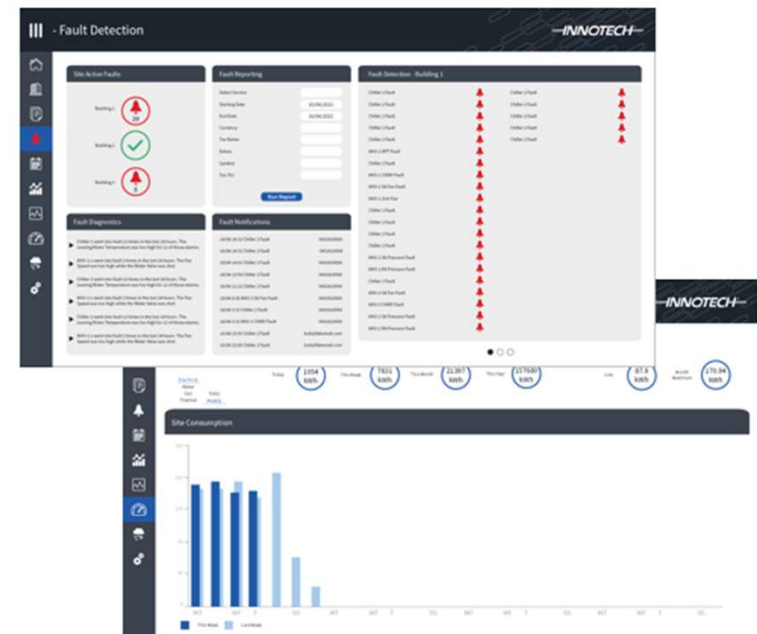
NEOLINK CONTROLLER – JACE 9000

- NeoLink is a compact, embedded IoT (Internet of Things) controller and server platform for connecting multiple and diverse devices and sub-systems.
- JACE and Niagara compatible head-end that enables deployment of Neoview on both Innotech controls and facilities using other HVAC controls.
- Internet connectivity and web-serving capability.
- NeoLink controller provides integrated control, supervision, data logging, alarming, scheduling and network management.
- NeoLink streams data and rich graphical displays to a standard web browser via an Ethernet or wireless LAN, or remotely over the internet.

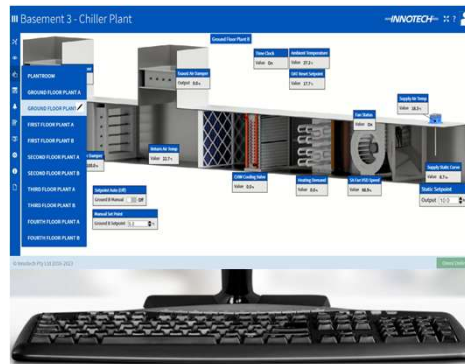


NEOVIEW BENEFITS FOR USERS

- Choose from an expansive library of analytics reports
 - Fault detection & diagnostics to assist to proactively identify issues
 - Monitor & optimise occupant comfort levels
 - Identify equipment that is working beyond ideal parameters
 - Export energy data for sustainability ratings
 - Create actionable alerts that provide meaningful insights
 - Customise on any measurable parameter



NON TRIDIUM SOLUTION –BACNET COMPATIBLE

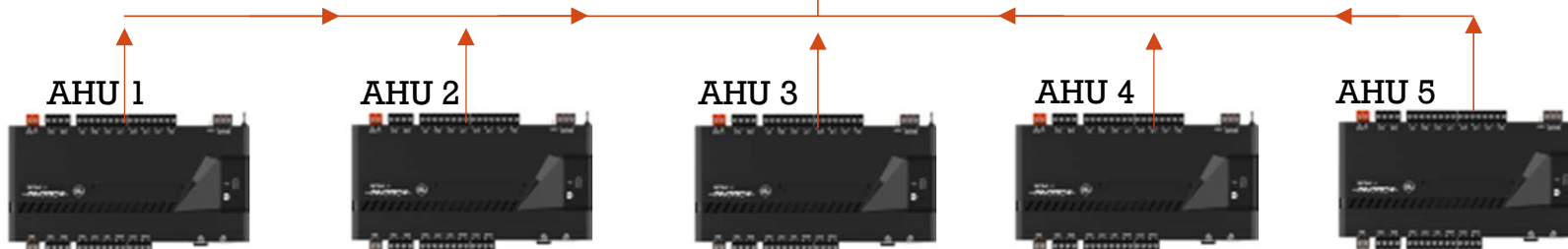


Up to 10 OMNI controllers can be seamlessly accessed via the WEB-SERVER – No Licencing

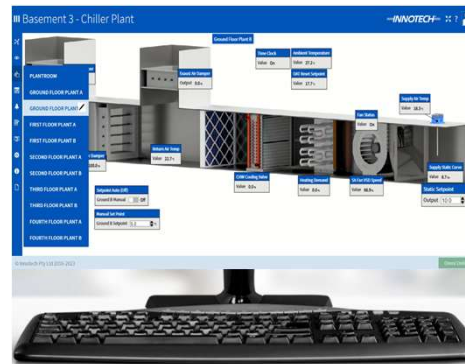
Omni C10
Webpage
15 Non animation graphics
Bacnet / Modbus



Tridium compatible

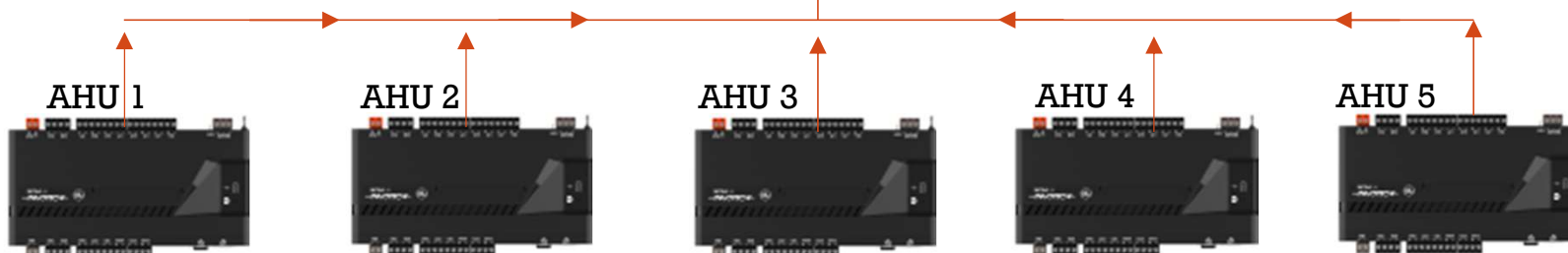


INNOTECH TRIDIUM SOLUTION



Innotech Neoview
Supervisor Software

Neolink Jace 9000
Bacnet / Modbus



INTEGRATION SOLUTION EXAMPLES



BMS Software

Neolink Jace 9000
Bacnet / Modbus



Either or



Omni controller
Bacnet / Modbus

Chillers



Generator/Deepsea



UPS



Fire/Access



Lighting/Power meters

