



# PRODUCT OVERVIEW



## The KMC Difference



### USA Made

Over 55 years strong as an independent American manufacturer



### Dependable

Trusted by a global network of system integrators, distributors and OEMs



### Innovative

Solutions that improve efficiency, energy performance, comfort, and safety



### Versatile

Powering buildings of every size—from local facilities to landmark sustainable projects

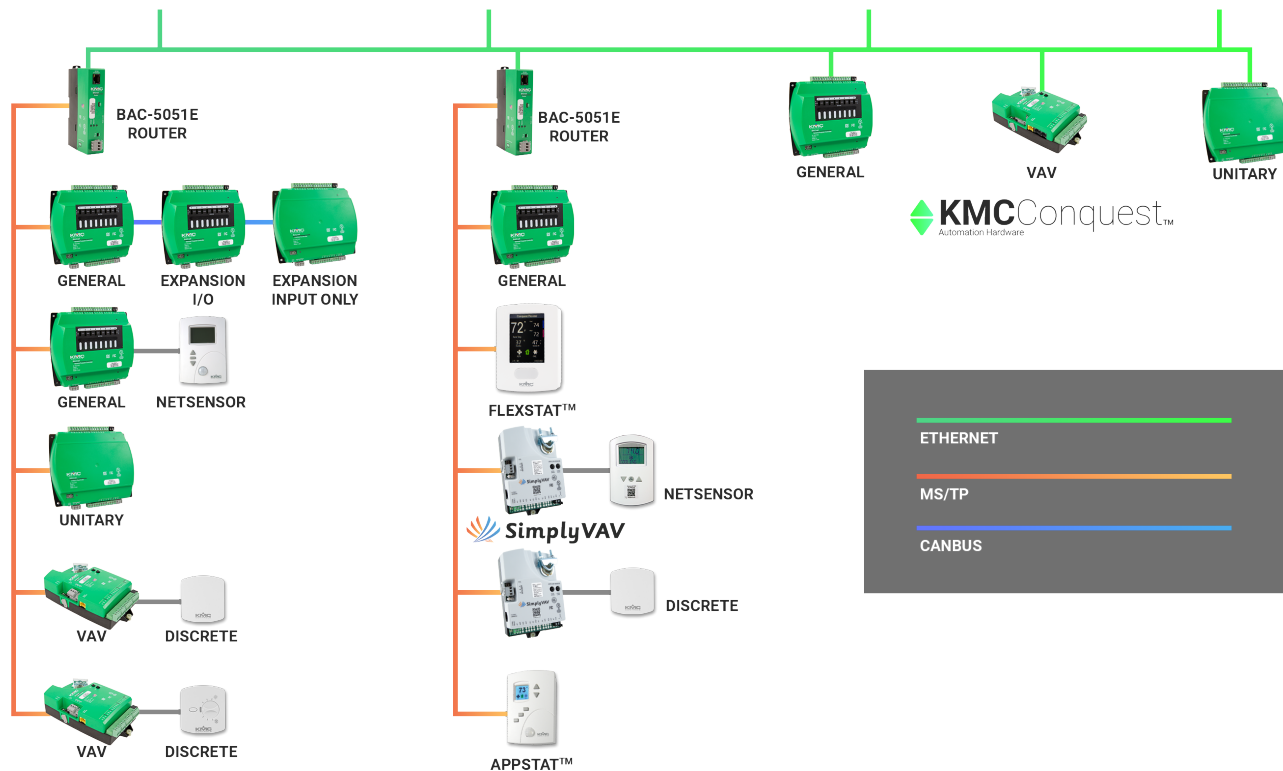
**Founded in 1969, KMC Controls is an American manufacturer of open, secure, and scalable building automation and technology solutions.**

Today, KMC Controls delivers innovative, intuitive building automation solutions backed by responsive people, a commitment to quality, and a dedication to open systems—positioning us for continued growth as technology evolves.



## KMC Controls is your one-stop turnkey solution for building control.

We specialize in open, secure and scalable building automations, teaming up with leading technology providers to create innovative products that help customers increase operating efficiency, optimize energy usage, maximize comfort, and improve safety.



Our building automation hardware and software lineup spans from basic application controllers to fully programmable, customizable solutions with integrated alarming, trending, and scheduling.

Advanced configuration technologies enable fast, secure setup from a smart mobile device. Innovative hardware options provide unparalleled visibility and hands-on control, delivering exceptional flexibility and control for a wide range of building automation applications.

Let our Building Geniuses take your facility to the next level.



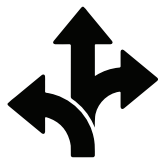
## Combining Power and Flexibility

KMC Fusion is an open, secure, and scalable building automation controller that delivers unmatched power and flexibility for managing high-value, mission-critical equipment. It enables precise control, real-time responsiveness, and seamless integration with both legacy and modern systems—making it the ideal platform for intelligent building management now and into the future.



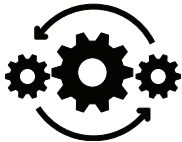
### Features & Benefits

- From AHUs to RTUs, lighting to pumps—KMC Fusion brings unified control to the equipment that keeps buildings running.
- Create and customize control strategies with intuitive wiresheet programming through any open *Niagara Workbench* software
- Unlock reliable data logging, smart alarms, schedules, and sleek web visuals—all on a proven global platform.



#### Equipment Control

KMC Fusion delivers flexible control for a wide range of HVAC and building systems — from AHUs and chiller plants to pumps, lighting, and rooftop units.



#### Native *Niagara*

Powered by *Niagara 4*, KMC Fusion supports data logging, alarms, scheduling, visualization, and secure *FOX* communications for seamless integration into existing systems.



#### Optimized Licensing

Scalable licensing keeps costs low for small jobs while supporting larger equipment. As a *Niagara Edge* device, KMC Fusion counts as just one-tenth of a standard network load.

## Relevant data, real time: The Internet of Things is here

KMC Commander is a secure, open IoT platform that delivers immediate operational value while supporting long-term digital strategy.



It connects building systems through standards-based integration to provide real-time insights that optimize performance and occupant experience.



Optimizes energy usage, efficiency, comfort, and safety



Open, standards-based integration across building systems



Secure on-premise data collection with cloud connectivity



Real-time tracking, trending, and actionable data insights

### Unmatched Scalability

From one asset to an entire campus, KMC Commander delivers affordable scalability and actionable insights across all your properties.

### Lower Costs. Greater Efficiency.

Using your existing building management systems, KMC Commander consolidates your entire portfolio into one dashboard—reducing operating costs, streamlining management, and improving system efficiency across all locations.

### Dashboard Features

KMC Commander's HTML5 dashboard provides a responsive, real-time view of your IoT network across desktops, tablets, and smartphones.

### Open Device Protocols

KMC Commander communicates over these common protocols:

- BACnet IP
- BACnet MS/TP
- Modbus TCP
- SNMP V1, V2C, and V3
- More coming soon



## A revolution in airflow measurement technology

The KMC Airflow Measurement System (AFMS) provides accurate and repeatable measurements for outside, supply, and return airflow and is unaffected by ambient weather, airborne pollutants, or bends and restrictions in mechanical air delivery systems.



### How It Works

The KMC AFMS uses Characterized Airflow Performance® (CAP) to deliver accurate airflow readings. During setup, the system positions dampers at specific points and samples OA/RA/MA temperatures to create a CAP curve following *ASHRAE 111*.

Once characterized, the KMC AFMS measures airflow from the performance curve—without needing continuous temperature sensing—while still allowing those sensors to be used for FDD and quick recalibration.

### KMC AFMS: Smarter by Design

The KMC AFMS installs effortlessly—without the space or airflow constraints of traditional systems. It fits anywhere, from compact packaged units to large built-up air handlers.

By delivering multiple airflow measurements, it helps ensure optimal equipment performance and supports advanced, high-efficiency control strategies.

The result: smarter equipment, reliable airflow data, and built-in diagnostics that keep systems performing at their best.



#### Reliable

Accurate and repeatable airflow with Integrated Fault Detection and Diagnostics (FDD) for energy efficiency



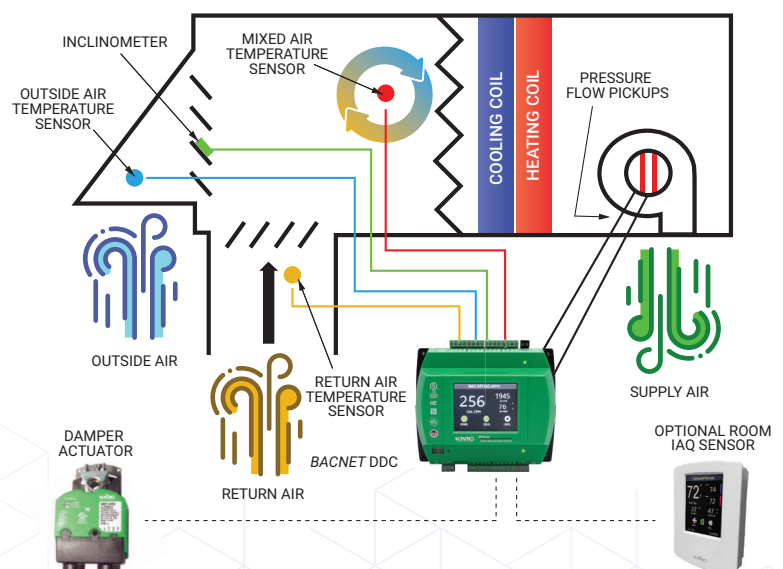
#### Versatile

Installs on nearly all equipment types, integrates with factory unit controls and the Building Management System (BMS)



#### Worry-Free

Integrated FDD ensures lasting accuracy and reliability — with no ongoing maintenance or recalibration required



## The latest in building automation

KMC Conquest is a fully programmable series of *BACnet* controllers and sensors for building automation and HVAC systems.

### Great flexibility and control

- BTL-listed (B-BC) automation hardware for use across a variety applications
- Ethernet/IP (dual port) or MS/TP communications
- KMC Connect Lite™ mobile app enables device addressing via NFC, saving up to 75% of pre-commissioning time



#### BAC-5971

KMC Conquest  
General Purpose with Display



#### BAC-5900

KMC Conquest  
General Purpose



#### BAC-9300

KMC Conquest  
Unitary



#### BAC-5051AE

KMC Conquest Router



#### BAC-9000

KMC  
Conquest VAV



#### BAC-190000

KMC FlexStat™



#### STE-9000

KMC Conquest  
NetSensor®

## More Capability, Fewer Components

**Fewer part numbers, broader coverage** – One hardware platform supports more applications and system types.

**Built-in, factory-configured applications** speed setup and reduce engineering time.

**Integrated trending, scheduling, and alarming** – no add-ons required.

**NFC-enabled commissioning** allows pre-configuration via smartphone while unpowered using KMC Connect Lite.

**All-in-one NetSensor room sensor** combines temperature, humidity, CO<sub>2</sub>, and occupancy for faster installation and richer system data.

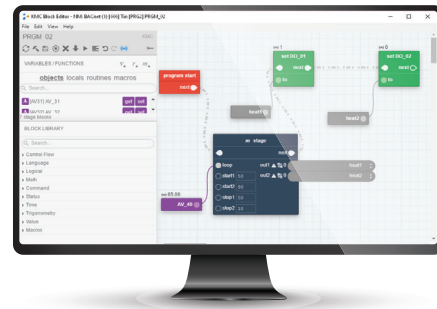


## Full-featured configuration software

KMC Connect is a configuration software tool with which you can configure *BACnet* controllers for a building automation system.

### Key time-saving features of KMC Connect:

- Build jobs offline and then deploy them on-site with a single click
- Use the wizards to quickly and easily configure alarms, schedules, and trends on native *BACnet* devices
- Choose from a library of hundreds of HVAC applications, with preconfigured set-ups for KMC Controls controllers and accompanying documentation
- Set up continuous commissioning with the Audit tool
- Quickly balance VAV units with the VAV Balancing tool
- Block and Line editor for Control Basic programming

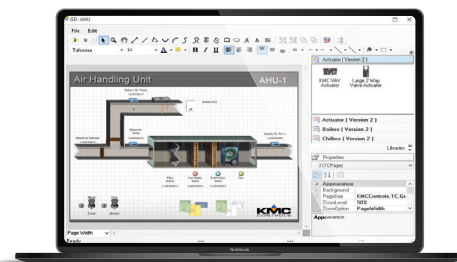


## Complete building services solution

The KMC TotalControl 4.0 Building Services applications are a combined software solution for providing facility management. This set of services collects, stores, and routes data between a building automation network and an operator interface or workstation.

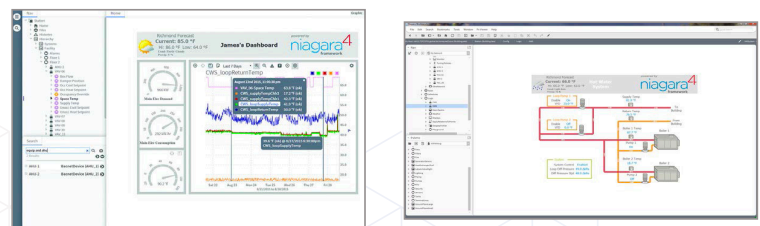
Once configured with KMC TotalControl Design Studio, operators need only an internet browser for daily building management.

- BTL-certified Advanced Operator Workstation with trends, alarms, and schedules
- Automatic graphic page display with optional kiosk functionality
- Internet browser accessibility



## Power at your convenience

*Niagara* is a building management system that utilizes an HTML framework to connect embedded devices or systems across a large number of manufacturers and communication protocols. Through the Building Geniuses at KMC Controls, you can order *Niagara*, drivers, licenses, and *JACE* hardware.



# KMC AppStat™

Application specific controller

## Power and flexibility all in one package

The KMC AppStat combines the power of a space-mounted equipment controller with the convenience of built-in temperature, humidity, and motion sensors. The controllers include a wide range of factory-supplied programs for the following applications.

- 2 and 4 pipe fan coil units
- Roof top units
- Heat pump units
- Packaged and split unitary systems

### Additional benefits include:

- Stand-alone operation requiring no configuration software
- Perfect form factor for new or retrofit applications
- Bright, full color display



# SimplyVAV™

## Take the complexity out of it

SimplyVAV controllers provide an all-in-one solution for a wide range of VAV applications. Integrated actuators, built-in airflow sensing, and factory applications simplify new and retrofit installations.



Setup, commissioning, and balancing are performed directly from an STE-8001 digital sensor—no programming or software required. All models are BACnet MS/TP-ready and BTL-listed.

### Key benefits

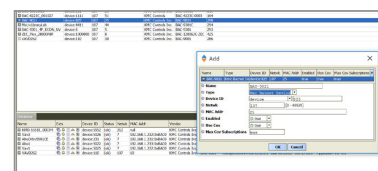
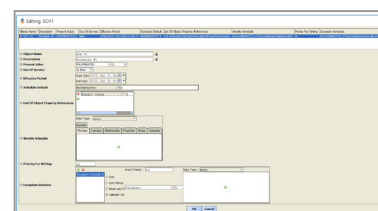
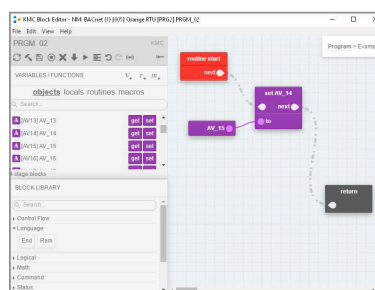
- Easy to install, set up, and balance
- Multiple models to fit any need or budget
- BTL-listed

# KMC Converge™

Automation Software Built on Niagara

## Bring complete KMC Controls customization to Niagara

KMC Converge is a software module used with Niagara Workbench to customize BACnet hardware and deploy KMC Control's application library. You can also use KMC Converge for offline programming with either Line or Block Programming. Using the audit tool, you can capture a baseline for a controller configuration and detect changes in the future.



## Why KMC Dome?

**Zero Trust Security**  
Ultimate protection for connected systems.

**Advanced Encryption**  
Keeps data and devices securely locked down.

**Real-Time Alerts**  
Respond fast and reduce exposure.

**Protects New & Legacy OT Systems**  
Modernizes security without replacing equipment.

**No IT Expertise Needed**  
Simple to deploy, simple to manage.

## Strengthen Your Cyber Resilience

KMC Dome is the next step in protecting your building systems. Boost confidence, reduce risk, and upgrade your security posture—without the complexity.

## Smart Protection for Smarter Buildings

### DIA | KMC Dome Interface Appliance

The DIA protects and manages all KMC Dome-enabled and *Dome Sentry* devices on-site, creating a secure Zero Trust environment where only verified devices can communicate.



#### Key Benefits

- Single, encrypted connection to the cloud
- Controls which devices can join the secure network
- Automatically manages device credentials
- Continuously verifies device trust
- Sends security logs to the KMC Dome Dashboard for monitoring

### *Dome Sentry* | Retrofit Cybersecurity Appliance

*Dome Sentry* brings modern cybersecurity to older systems without replacing equipment. It encrypts all communication and ensures devices only interact with trusted counterparts.



#### Key Benefits

- Fast, zero-touch installation
- Secure mutual authentication
- Compatible with multiple protocols and systems
- Built-in data logging for insights
- Crypto-agile, future-ready security
- Secures TCP/IP, *BACnet*/IP, and *Modbus*/TCP to reduce risk and protect investments

## Strategy & Process Consulting Services

KMC Consulting offers practical and straightforward insights to help your organization leverage data and best practices to drive business transformation, lower risk, and maximize value. Take your business to the next level.

**KMC Consulting will work with you to develop strategies that will help you maximize your performance, which may include the following:**



Quality  
Culture  
Assessment



Cost  
Segregation  
Study



Cyber-Physical  
Risk Vulnerability  
Assessments



Root-Cause  
Analysis



Business  
Process  
Mapping



Business  
Process  
Stress Testing



Business  
Process  
Improvement



Business  
Process  
Implementations



## INTRODUCING KMC Secure Connected Solutions™

### A Stronger, Smarter Standard for Building Automation

KMC Controls' new standard for building automation security and integration — strengthening operational resilience, reducing risk, and enabling scalable digital transformation across OT environments. Secure Connected Solutions offers, but is not limited to:



**Easier Maintenance**  
A consistent system structure simplifies troubleshooting and long-term upkeep.



**Better Interoperability**  
Shared naming and configuration rules ensure smooth integration across systems.



**Stronger Security**  
Standardized security settings reduce vulnerabilities and shrink the attack surface.



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