



KMC Converge™ & KMC Converge GFX™

Including
KMC BACnet



DESCRIPTION

KMC Converge is a module toolset that comes pre-installed in KMC Workbench and can be added to other open-branded Niagara workbench software applications. KMC Converge is comprised of multiple modules and provides KMC-specific functionality within the Niagara Workbench application with no need for additional software.

The main components of the KMC Converge toolset are:

- The **KMC BACnet Module**, which provides embedded Workbench views for directly configuring KMC BACnet controllers. The KMC BACnet module allows users to edit and create Control Basic programs, configure and view device alarm and trend objects, add/remove/edit BACnet value objects and reinitialize BACnet devices – all via the Workbench application.
- The **KMC Converge Module**, which provides application selection, application configuration, application deployment, application fingerprinting, and application auditing. These powerful features allow users to quickly deploy applications to their KMC BACnet devices all from within the Workbench application.
- The **KMC Device Application Library**, which contains KMC's Standard Device Application library for all of KMC's Conquest line of devices. The library also contains a tags library that provides a standard set of Niagara-based tags for objects in the station when KMC Converge is used for deployment. These tags are also applied when fingerprinting devices within KMC Converge on KMC Conquest devices with KMC Controls' library-based applications.

KMC BACNET MODULE

KMC BACnet adds the required functionality to the Niagara framework to fully configure KMC BACnet controllers connected to a Niagara-managed controls system. All objects and properties in KMC BACnet controllers can be configured from KMC Workbench.

Features include:

- Easy to use wizards for analog and binary input objects
- Support for calibration, filtering, and other unique properties
- Configuration of KMC NetSensors and table objects
- Offline programming for KMC BACnet controllers
- Fully functional Control Basic editor with block programming

APPLICATION SELECTION TOOL

Use KMC Converge to choose, customize, and deploy standard applications to Conquest enabled controllers from the extensive applications library.

- VAV units
- Air handling units
- Roof top units
- Heat pump units

AUDIT TOOL

Use the audit tool in KMC Converge to capture a baseline of a controller configuration and then in the future detect changes to the configuration.

KMC CONVERGE GFX MODULE

KMC Converge GFX is an option to configure and generate responsive HTML5 graphics from KMC Workbench or any other open brand of the Niagara Framework with a KMC Converge GFX module. Add this service to easily configure graphics with familiar Niagara properties. The responsive graphics can be viewed on any size screen – mobile, laptop, or desktop – and still look great.



MODELS SUPPORTED

The KMC Workbench fully supports the following KMC BACnet controllers.

- BAC-4001
- BAC-4002
- BAC-4003
- BAC-4007
- BAC-4008
- BAC-4021
- BAC-4022
- BAC-4023
- BAC-4027
- BAC-4028
- BAC-4201
- BAC-4202
- BAC-4203
- BAC-4207
- BAC-4208
- BAC-4221
- BAC-4222
- BAC-4223
- BAC-4227
- BAC-4228
- BAC-5901
- BAC-8001
- BAC-8005
- BAC-8007
- BAC-8205
- BAC-9001
- BAC-9021
- BAC-9301
- BAC-9311

The KMC Workbench supports the following controllers for BACnet configuration. Application selection, audit, and GFX are not supported.

- BAC-5801
- BAC-5802
- BAC-5831
- BAC-5841
- BAC-5842
- BAC-7001
- BAC-7003
- BAC-7051
- BAC-7053
- BAC-7301
- BAC-7301C
- BAC-7302
- BAC-7302C
- BAC-7303
- BAC-7303C
- BAC-7401
- BAC-7401C
- BAC-A1616
- BAC-10000 series

ORDERING INFORMATION

KMC Models

DESCRIPTION	MODEL
Software: KMC Workbench, Workbench Application	CONVERGE
Software: KMC Converge GFX, KMN JACE Hosted Graphics	CONVERGE-GFX
Software: KMC Converge GFX, KMN Supervisor Hosted Graphics	CONVERGE-GFX-SUP

Third-Party Models

DESCRIPTION	MODEL
Software: KMC Converge, Third Party Workbench Application	CONVERGE-3P
Software: KMC Converge GFX, Third Party JACE Hosted	CONVERGE-GFX-3P
Software: KMC Converge GFX, Third Party Supervisor Hosted	CONVERGE-GFX-SUP-3P

SUPPORT

Additional resources for installation, configuration, application, operation, programming, upgrading, and much more are available on the KMC Controls web site www.kmccontrols.com. To see all available files, log-in to the KMC Partners site.