

New Router for Facility Explorer systems and new features for Facility Explorer controllers and DLK local display

New Product Release

February 16, 2024

LIT-12001433

Facility Explorer ABCS

Controls Product Sales

Johnson Controls® is pleased to announce a new Johnson Controls BACnet/IP Router and product enhancements for Facility Explorer controllers and the DLK local controller display.



New Johnson Controls Router

At this release, Johnson Controls is introducing a new BACnet MS/TP to BACnet IP Router to help streamline integrations and reduce costs. This Router offering is available in three configurations: router only, router in a panel, or custom panel. The Router allows for BACnet integrations without the need for a dedicated Facility Explorer supervisory controller.

The BACnet Router facilitates communication between BACnet/IP and BACnet MS/TP networks to monitor and control a wide variety of HVAC equipment, meters, fire alarm panels, and lighting on the Building Automation System (BAS).

For ordering information and descriptions, see [BACnet Router ordering information](#).

Specification	Description
Maximum number of devices supported	Supports 100 devices for increased capacity, limited to 32 devices for the Remote Field Bus.
Protocols supported	BACnet/IP, BACnet MS/TP Note: BACnet/SC is not supported at this release.
BACnet compliance	Building Automation Control Network, ANSI/ASHRAE 135

BACnet Router ordering information

Product code number	Description
JC-RTR11002-0	BACnet Router: Supports BACnet MS/TP field controller (FC) trunk. Requires a 24 VAC power supply. Includes one Ethernet port. Supports a maximum of 100 devices on the MS/TP trunk, limited to 32 devices for the Remote Field Bus.
P2ABN-JB001NA3	Control Panel Assembly, 20 in. x 16 in. x 6.5 in. enclosure, JC-RTR11002-0 BACnet Router, 120/24 VAC Power Supply with 5-port network switch.

The power behind your mission



BACnet Router documentation

Document title	Document number
JC-RTR11002-0 BACnet Router Catalog Page	LIT-1901208
JC-RTR11002-0 BACnet Router Installation Guide	LIT-12014229

DLK Local Controller Display and Controller Enhancements

The DLK Local Controller Display, CG Controllers with onboard display, and SNC supervisory controllers with onboard displays now have several new features to improve field productivity. These new features include:

- Live Trend feature that helps commission SNC, CG, and CV series devices by providing a field technician the ability to plot the present value of up to two untrended application points, in real-time, on a graphical trend chart
- Point Display Mode setting to select between hardware and software points as the preferred view when working with a local application on SNC controllers
- Plug and play functionality to save field technicians' time by enabling the display to be functional out of the box with little to no user configuration required
- Trend table view to allow a technician to view trend data in a tabular format

Also at this release, the CV series equipment controllers now support additional preloaded, selectable control applications in International System (SI) units to help speed the commissioning of VAV box applications.

These features are available in firmware version 13.0.0.4927 for the F4-SNC and firmware version 11.0.0.729 for F4-CG and F4-CV series equipment controllers. The new 5.0.0.757 field controller package file and 1.0.0.2474 device package file bundles are available on the License Portal for use with CCT16 and SCT16.