The easiest choice in building automation just got easier.

FACILITY EXPLORER®

EXCEPTIONAL ENVIRONMENTS

Johnson Controls

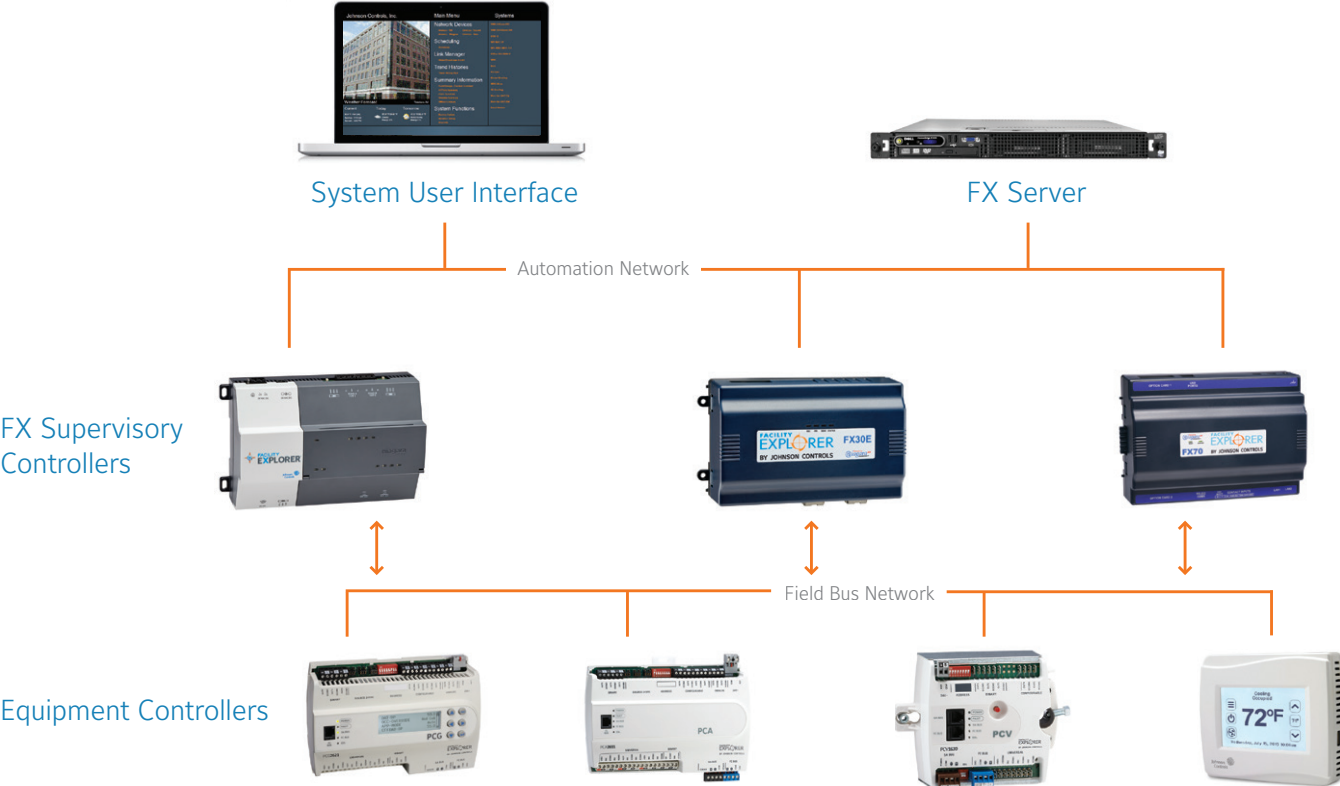# A system as reliable as the engineering that powers it.

When it comes to selecting the best building automation system, there's a lot to consider. It's not just finding the right system, it's delivering the system in the most effective way. In other words, you want a scalable BAS that is delivered easily, accurately and cost-effectively.

How do you choose the right building automation system?

You need a BAS that gives you everything you're looking for. And that's where *Facility Explorer*® comes in. It combines all the strength and reliability of the Niagara platform with the proven ease of engineering that only comes with Johnson Controls. This makes installation, configuration and commissioning faster and easier than ever.

Facility Explorer System Architecture

System User Interface

FX Server

Automation Network

FX Supervisory Controllers

Field Bus Network

Equipment Controllers

It's scalable, secure and open.

The Facility Explorer® system architecture is distributed so that components can be located as closely as possible to the equipment they control. This provides optimum performance and reliability, as well as scalability, allowing for components to be added as needed in order to control buildings and systems of varying complexity, size and scope. Its security features help protect against unauthorized access to data and control systems. Lastly, it integrates third party devices and earlier generations of *Facility Explorer* components to unify and modernize the operation of mixed systems.

Facility Explorer supervisory controllers coordinate the system-wide control of a building's HVAC, mechanical and electrical subsystems so they operate as efficiently as possible. Plus, the supervisory controllers provide an easy-to-navigate system interface, allowing operators to easily monitor building system performance, be alerted to issues and make adjustments as needed.

Facility Explorer Programmable Controllers provide direct, closed loop control over mechanical and electrical HVAC equipment. They can be easily programmed with a library of application software files that are designed and tested by Johnson Controls for standard equipment control applications. Application software can be modified – or even custom created – to meet unique sequences of operation.

Easy to install and use.

One of the best parts about *Facility Explorer*® is that it doesn't need a techy programmer. Configuration of *Facility Explorer* supervisory controllers is simplified by leveraging the programming and configuration settings of the equipment controllers. Time-consuming tasks like mapping points and devices, creating graphical user views and adding trend and alarm extensions are automated.

And for end users, operating a *Facility Explorer* system is simple and effective. Mobile graphics allow operators to use their tablets or phones to access the system while on the go. Tasks like summarizing point information across multiple devices, scheduling occupancy and adding trends and alarms are made easy with wizards designed with operators in mind.

The more extreme the needs, the more adaptable *Facility Explorer* is.

As enterprises grow more sophisticated and facilities spread out, things don't get any easier. Facility teams still need to manage costs and install efficient equipment that ensures comfort and productivity. That's why *Facility Explorer* has been designed to make everything as easy as possible.

Because *Facility Explorer* is scalable, controllers can be added as needed – according to the number and types of equipment – to coordinate and unify equipment operation. And individual features like scheduling, alarming, trending, interlocking, energy management and analytics can be added to meet the operational needs of a facility.

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For more information on *Facility Explorer®*,
contact your Johnson Control representative.

The *Facility Explorer* team uses its commitment to innovation to meet any building
automation need. The end result is an integrated, comprehensive control solution
that only Johnson Controls can provide.

powered by

niagara
framework®