

# FMXconnect

**For K-12, Higher Education, Government, and Religious Organizations**

FMXconnect integrates your building automation systems with FMXfacilitymanager, enabling you to deliver new levels of automation, communication, and control to your organization.



# Introduction

According to EnergyStar, the nearly 5 million buildings in the U.S. - where we work, play, and learn - are responsible for nearly 20 percent of both the nation's energy use and greenhouse gas emissions at a cost of over \$100 billion per year. On average, 30 percent of the energy consumed in commercial buildings is wasted.

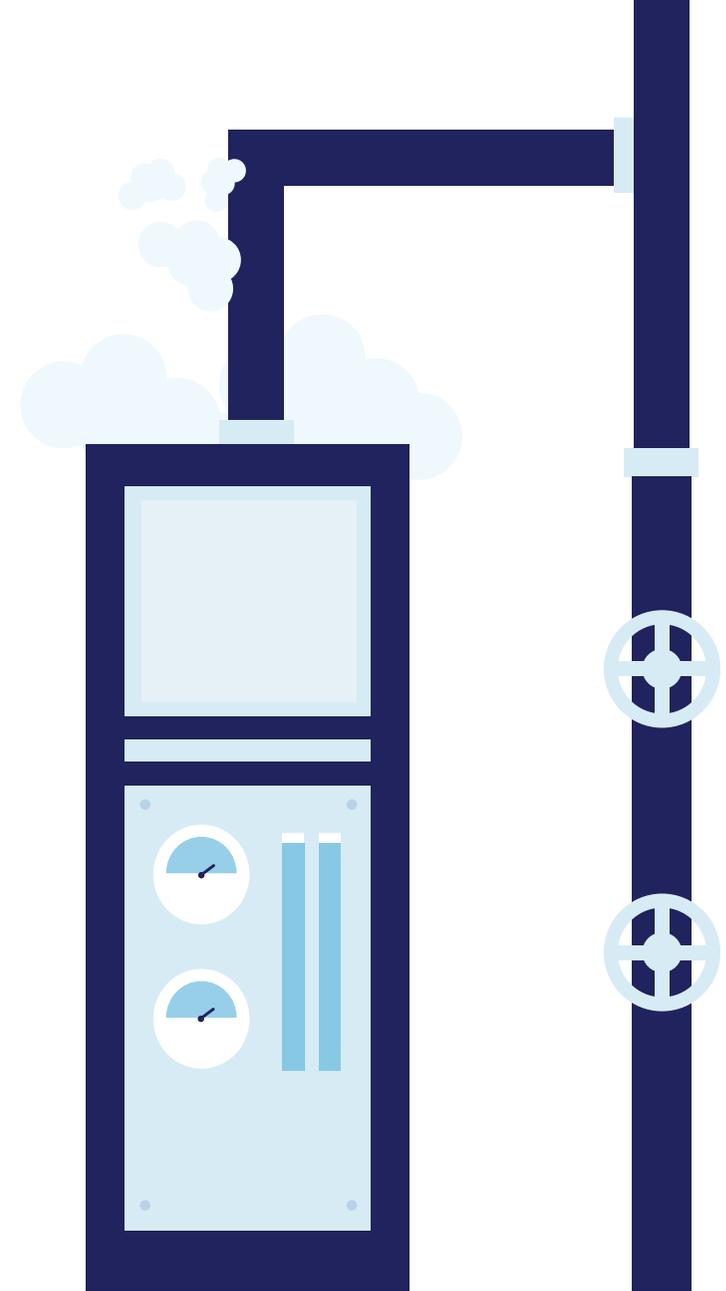
Utility systems like HVAC, lighting, and plumbing are often the largest energy consumers in buildings, and organizations must often operate these systems in a continuous manner in order to accommodate the schedules of their staff and occupants. Building owners face a variety of challenges when it comes to balancing staff and occupant needs along with optimizing energy utilization and costs.

## Challenges faced by facility and maintenance teams

- Inability to know when a system is not functioning properly
- Cannot quickly and effectively understand the root-cause of a problem
- Teams often receive requests from multiple stakeholders - both inside and outside of the organization - for facility needs that must be scheduled and managed

## Challenges faced by building staff

- Must communicate with multiple people or teams to ensure the that utility systems are operating where and when they need them
- Have little way to notify facility and maintenance teams of schedule changes, cancellations, or other needs



# The solution: FMXconnect

By adding the maintenance and facility scheduling powers of FMX to a Building Automation System (BAS) you can:

- Receive alerts when your equipment is not functioning normally
- Improve communication with building occupants
- Automatically create work orders to resolve alerts
- View work order status and improve technician accountability
- Decrease utility costs and improve energy efficiency
- Automatically turn utility systems on and off according to your event and activity schedule
- Schedule meter-based preventive maintenance tasks
- Gain valuable insight about your equipment life



# Key Capabilities

FMXconnect works with FMXfacilitymanager to bring new levels of automation, communication, and control to your organization. With FMXconnect you can:

## Integrate with different manufacturers of BAS

FMXconnect integrates with your existing BAS and FMXfacilitymanager using BACnet and NiagaraAX standards. This includes, but is not limited to: Tridium Niagara, Trane, Siemens, Johnson Controls, Automated Logic, and Delta. If you have a BAS, FMX can often integrate with it without additional hardware.

## Automatically create work requests from alarms and sensors

Create work requests for any alarms that are triggered in the organization's Building Automation System as well as requests for any sensors that have readings that are "out of spec".



# Key Capabilities

## Automatically create preventive maintenance tasks

Create preventive maintenance tasks based on sensor readings, run-time hours, or a combination of the two.

## Automatically turn equipment on and off

You can turn on and off equipment lighting, door locks, and more based on the events and activities you have scheduled.

## Gain valuable insight into your equipment

Improve project and budget planning by viewing the total number of alerts you had for each piece of equipment and how long it takes to resolve these issues.

## Gain control anywhere

Schedule lighting and HVAC remotely and on a pre-scheduled basis so your facilities are ready when you need them.



# Key Benefits

FMXconnect connects all of your building automation, scheduling, facilities, and maintenance management processes, helping you:

- Decrease energy costs by **5-25%**
- Save **5-15 minutes** for every scheduled event
- Reduce downtime by as much as **30%**
- Improve communication with building occupants
- Gain valuable insight about your equipment life
- Increase technician productivity and accountability
- Prevent mechanical issues before they become major problems



**FMX customer, Broadmoor Baptist Church has saved \$5,500 a month in utilities after integrating FMX with their BAS. This integration enabled them to turn their lighting and HVAC systems on and off automatically according to their event and activity schedule. Prior to FMX, a staff member had to turn the systems on and off manually.**