

# FacilityConneX

The Voice of Your Equipment

IoT-Enabled VOICES

## Your IoT Solution for Facilities to Improve Building Comfort, Equipment Performance, Process, and Energy Use.

### Anytime, Anywhere

- ✘ Real-Time Access to Data
- ✘ Key Performance Indicators
- ✘ Collaboration with Notes and Tasks
- ✘ Utility Consumption Monitoring and Correlation
- ✘ Browser and Mobile Visualization

### Notification to Actions

- ✘ Notifications to Alert Personnel
- ✘ Centralized Alarm Viewing
- ✘ Operational Actions and Tracking
- ✘ Recommended Condition-Based Actions (SOPs)

### Detection and Diagnostics

- ✘ Continuous Asset Optimization
- ✘ Equipment Risk Detection
- ✘ Top Offenders and Findings
- ✘ Probable Root Cause
- ✘ Fleet Analysis and Predictive Detection

### IoT and Cloud

- ✘ Connections to 100's of Data Sources
- ✘ Secure Information Access
- ✘ True Multi-Tenant Architecture
- ✘ Lower Total Cost of Ownership

**FacilityConneX** brings the promise of IoT and the power of analytics together to enable the facility and plant operations teams to improve comfort, operational and process efficiency, and energy consumption.

### IoT-Enabled VOICES

Have you ever heard your equipment talk? When you combine the power of your data with our analytics that is what happens – **VOICES**. VOICES that are telling you the top priorities, the forecasted action, or the energy consumption. These perspectives eliminate the noise and allows you to focus on the top issues.

### Smart Asset Monitoring

Smart Monitoring is the next generation connection and visualization technology designed to take the machine level state and data, and transform it into human consumable operational information anytime, anywhere. FCX will let you customize and share your view of information at site, building, and equipment level.



### Monitoring-Based Commissioning

Our software leverages 100's of equipment and system specific analytics, developed by commissioning experts, that pinpoint specific actions your team can take to improve building comfort, performance, and reduce operational and maintenance costs.

### Opportunity Savings and Incentive Utilities

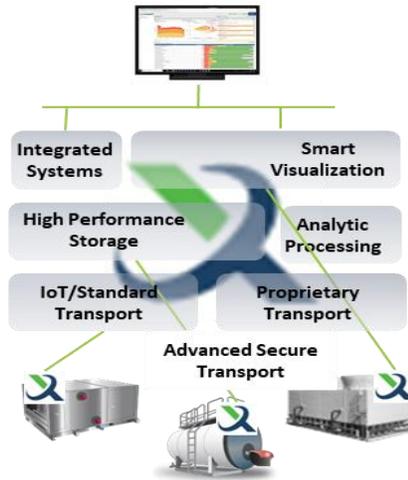
How about a 3 to 5% reduction on your overall electrical bill? Depending on your utility company, additional incentives are also available either for the installation of the system or for the corrective actions. FCX is an approved measurement and verification system for many utility companies today.





## IoT Secure Architecture

FCX Connector secures all data collections to our FCX server utilizing state-of-the-art AES 256-bit encryption, digital certifications, and user authentication, to ensure the highest level of data security. Access to your information is then provided from the FCX server without the need for a VPN connection.



Optionally, if your facility has no internet connectivity, we can offer an appliance which will directly collect your data and transmit through cellular to the FCX server with no networking involvement. In addition, FacilityConneX also offers long-term storage options for year-over-year trending and analysis.

## Key Aspects of Your FCX System

What You Need to Hear...	IoT-Enabled VOICES	FCX has it ...
IoT Secure Connections	✓	Over 200 Protocols with Advanced Secure Connection Technology
Data Visibility	✓	Full Browser and Mobile Visualization with Custom Trending for Deep Data Analysis
Notifications and Messaging	✓	Alert on a simple KPI or a Analytic Result – all self configured.
Fault Detection and Diagnostics	✓	1000s of Detections in Comfort, Air Optimization, Predictive Maintenance, and Energy Reduction.
Energy Consumption and Awareness	✓	Ties back to Consumption and Detects on Peak Demand
Opportunity Savings and M&V	✓	Justify and Prioritize Your Corrective Actions based on Impact.
Manual Data Entry	✓	Capture Data to Equipment or Processes
Tasks Initiation, CMMS Integration, and Tracking	✓	Go to Action with Best In Class processes.

## Your Control System

Control Systems such as Building Management System (BMS) and SCADA Systems are perfect for control and design changes to your process or equipment. FCX is an advanced monitoring system that brings together dispersed systems to look for the right set of corrective actions that can be systemic across your environment. FCX is used in conjunction with your control system so decisions can be made to solve comfort, predictive maintenance, optimization, and energy concerns.

## Our FCXperience

Our commitment to our customer is **Continuous ROI**. During our customer experience reviews, our Commissioning and Equipment Experts cover your findings, corrective actions, and system performance. These topics drive operational efficiency, energy reduction, and equipment/process optimization.

MIH Systems Group has extensive experience commissioning new and existing buildings and optimizing systems to maximize occupant comfort, reduce energy consumption, extend equipment longevity, and minimize repair costs. Monitoring-based commissioning allows building owners to extend this process into occupancy – discovering issues before they become major problems and optimizing the performance of their systems to reflect the current facility requirements. Our partnership with FCX allows us to combine the power of the FCX platform with our engineers' knowledge and understanding of clients' facilities and needs to provide a turn-key MBCx solution.

For more information please visit [www.mihsystemsgroup.com](http://www.mihsystemsgroup.com) or call us at 212-714-0178 to schedule a live demo.

