iTRUST 2.0

monitordynamics

iTRUST – Delivering Sustainable Access Control to Energy Efficient Buildings

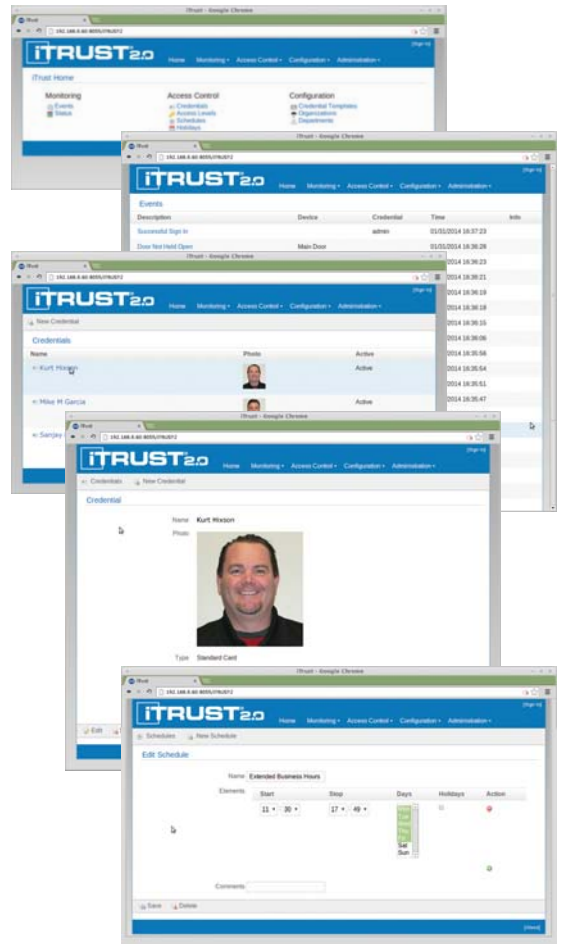## Maximize energy efficiency and stay secure

Green building construction and renovation requires careful selection of the specific products used in the process. With iTRUST, building security, which is necessary to protect people, facilities and assets - now gives architects and engineers an opportunity to add the security system into the facility's sustainability goals. A sustainable access control system can improve overall facility energy efficiency by reducing the impact of a key electronic system which is necessary to operate on a 24/7 basis.

Besides being a "server-less" web-based application, one of the greatest efficiencies within the iTRUST access control system can be found at the door, with the use of the BlueEdge Unified Digital Controllers (UDC). The intelligent UDC panels deliver dual IP-based door access control, which use Power over Ethernet Plus (PoE+) technology, lessening both power requirements and total materials used. Combine the overall efficiency of iTRUST and the UDC with industry leading sustainable integrated partner technologies from Farpointe (card readers) and ASSA ABLOY (integrated PoE+ and WiFi locks), and "green" access control delivering optimized power consumption is within your organization's reach. Realize your "green" business goals by making sustainability a central part of your security team's philosophy and culture.

Designing a green building is very tedious work. Specifying the right access control system to go into that building shouldn't be. iTRUST® makes "green" door security easy.

A properly implemented access control system provides the vital core layer to your business's security and the safeguarding of valuable company assets.

A well designed access control system allows you to limit employee access, manage schedules, and generate reports that highlight who is going where, and when. Electronic access control is a quick, easy and affordable way to help you limit unauthorized access to high-risk or sensitive areas of your business.

iTRUST 2.0 GREEN ACCESS CONTROL

The iTRUST® 2.0 Access Control System:

- Helps protect valuable assets and sensitive areas within your organization
- Helps restrict, manage and report facility, internal door and employee area access
- Increases overall employee safety
- Assists in inventory control and auditing
- Eliminates costly re-keying and frequent lock changes from employee or contractor turnover

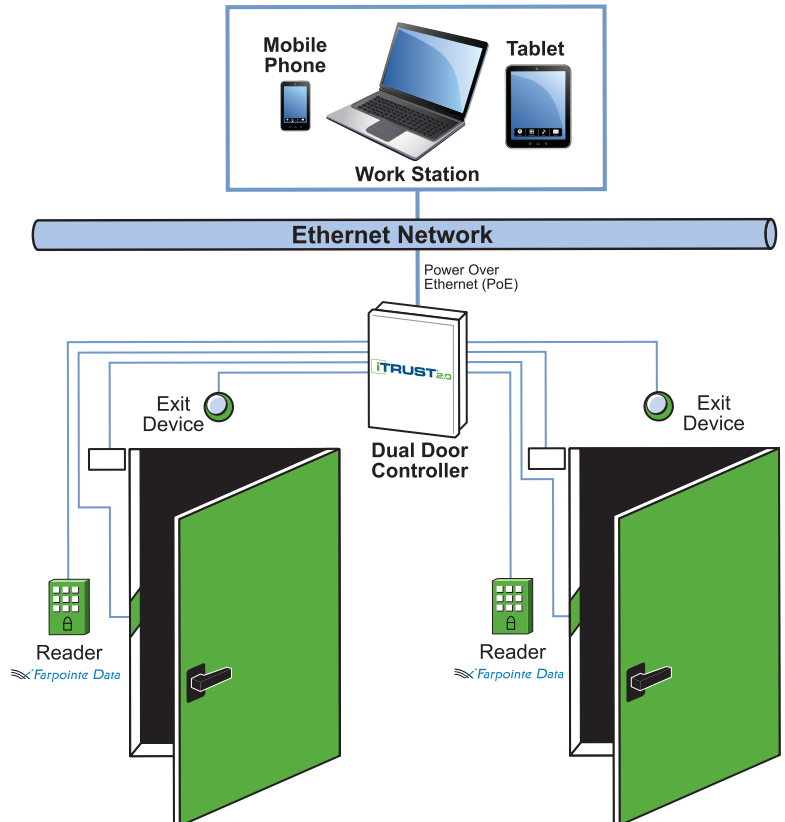# BlueEdge - Unified Digital Controller (UDC)

Farpointe Card Readers – An Energy Saving Opportunity

The standard issue Pyramid access card readers that are offered in the iTRUST kits are manufactured by our product partner - Farpointe Data. These readers offer a feature called 'card present'. Upon access card read, a reader can transmit a signal, via the card present line (yellow cable), to activate, or wake up, the iTRUST access controller from a low power, energy saving state. With that, based upon the specific identity of the card holder, iTRUST can trigger and wake up additional integrated systems that may exist.

- Low cost and easy installation
- Full-featured and expandable as needed
- Intelligence at the edge of the network
- Remote internet configuration capability
- Lower overall price and total cost of ownership
- Energy efficient and environmentally friendly operation
- Easily expandable to an enterprise-scale SAFEnet system if required
- System components communicate via TCP/IP
- Serverless system - no dedicated computer neccessary

- **Less hardware**
- **Minimal terminations**
- **Less wiring (CAT-5 based)**
- **Easy to add new doors**
- **Full stand-alone intelligence**
- **IP-PoE+**

Run your card readers and locking hardware directly from the UDC board using PoE+ power.

Farpointe's green "eco-technology" readers, combined with iTRUST, deliver the ability to manage and reduce the excessive power consumed by traditional facility access control systems – offering tangible savings to end users on their power bills.

Shown: iTRUST® 2.0 2 and 4 Door Access Control Kit

www.monitordynamics.com