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Feature Sheet

ioSmart Mobile Access Control

Key Features:

- Support proximity, contactless smart card and Bluetooth mobile credentials

- Remotely adjustable BLE range for mobile access distance flexibility

- RS-485 and Wiegand interface for access control panel compatibility

- Installable as a panel-based reader or panel-less door controller

- End-to-end encryption and data security for added protection

- Cloud managed mobile user credentials and smart keys

Move to the Cloud with Confidence

Easily manage a trusted ecosystem of cloud connected security applications and devices all in one place.

Tyco Kantech ioSmart multi-technology readers offer choice of cloud managed mobile access control solutions that simplify security and reduce cost. With ioSmart readers, you can continue to use legacy contactless card and key tag technologies with existing access control systems while benefiting from the increased security and convenience of supporting mobile smartphone-based credentials.

ioSmart can be installed to function as a traditional access control reader or as a local controller providing mobile access for doors needing low-cost keyless entry with the benefit of remote cloud management. Unlike most other multi-technology credential readers on the market, ioSmart is uniquely designed as a multi-purpose access control device with the installation flexibility to address a broad range of door security and lock control applications.

Tyco Cloud empowers customers with secure self-service web and mobile apps to easily issue or revoke mobile access credentials and smart keys remotely for any type of personnel. This reduces the expense and hassle of managing physical cards or key tags. From employees and contractors to visitors, anyone can simply use their smartphone with the EntraPass go Pass mobile app to receive authorized access to any facility using ioSmart mobile access technology.

Simplify Security with Cloud

Tyco Cloud is a single cloud-based physical security application suite for managing video surveillance, access control, business intelligence and security integration services. With the efficiencies of software as a service (SaaS) and secure cloud connected hardware, Tyco Cloud allows customers to streamline security operations by moving costly and complex infrastructure off-premises.

The Tyco Cloud web portal and mobile app interfaces provide simplicity and convenience to securely manage users, devices and system services from anywhere without any web plugins or client software to install and maintain.

With Tyco Cloud, authorized partners can confidently deliver cloud-based security solutions and managed services that help customers reduce risk and improve cash flow.

Cloud Ecosystem with ioSmart Mobile Access Technology

Kantech ioSmart readers have fully integrated Bluetooth Low Energy (BLE) technology allowing customers to easily deploy secure mobile access control solutions on-demand whenever they are ready to do so. With Tyco Cloud, companies can remotely manage personnel to conveniently access facilities using their smartphones without the security risk of lost, stolen or cloning of legacy card and key tags. Tyco Cloud and ioSmart mobile access technology eliminates the upfront cost and ongoing burden of managing physical card or key tag inventory.

Features:

- Tyco Cloud provides secure web portal access for partners and customers with 24/7 self-service account onboarding and subscription management.
- Simple online administration with on demand service for fast deployment.
- Remotely register and configure ioSmart readers for mobile access credential or smart key applications.
- Remotely authorize smartphone user enrollment through automated email and SMS text invitations for EntraPass go Pass mobile app download and secure registration.
- Instantly issue and revoke mobile credentials and/or smart keys to EntraPass go Pass mobile app users for doors they are authorized to access.

- Simple subscription model based on low-cost mobile user seats with monthly or annual billing – flexibility for predictable budgeting without complicated contracts.

- ioSmart mobile access solutions use secure over-the-air (OTA) services without needing any connectivity to customer on-premises networks.
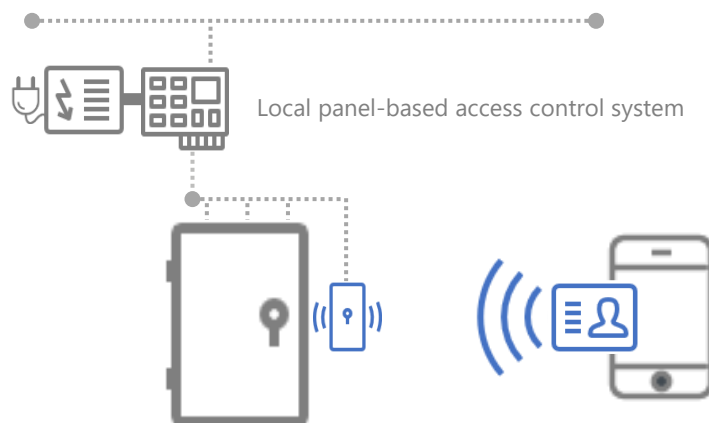

ioSmart Mobile Access Credentials for Panel-Based Installations

Kantech ioSmart readers can be installed as a traditional multi-technology reader on most panel-based access control systems, allowing customers to complement or transition from physical cards and key tags to mobile-based credentials.

Features:

- Supports proximity, contactless smart card and Bluetooth mobile credentials.

- RS-485 and Wiegand interface for access control panel compatibility.

- Mobile credential number is programmed and managed in the local access control system, just like any other type of user credential.

Local panel-based access control system

ioSmart Mobile Access Smart Keys for Panel-less Installations

More than just a reader, ioSmart supports panel-less access control operation for mobile access to local off-network doors or almost any opening with a powered lock. Mobile smart keys provide a completely cloud managed keyless entry solution for door applications where panel-based architectures are cost prohibitive. In panel-less operation, ioSmart readers do not require any local network connectivity and provide access control to authorized mobile users even when Wi-Fi and cellular networks are out of service.

Features:

- Supports locally wired door contact, exit device and lock control output.

- Mobile user access control and door events recorded in cloud for auditing.

- Mobile smart keys contain access control policy logic for local access decision.

Panel-less access control, just local power