Future...

System Standard Features

- Fault Tolerant Process
- Automatic Hot Cutover
- Fail Safe Operations
- Open Systems Platform
- Open Architecture Protocol
- Ethernet Communication
- Peer-to-Peer Communications
- Homeland Security Threat Level Control
- Auto Alternate Communication Routing-3 Types
- Access Action for Disabled Persons
- Supervisory Controlled Entry Authorization
- Onboard Rechargeable Battery Circuit
- Event Control Card Logic
- Cardholder or Card Group Action
- User Programmable Input Action
- Dynamic Input to Output or Group Output Linking
- Global Anti-Passback
- 3 Levels of Anti-Passback Control
- Automatic Card Activation and Deactivation by Date and Time
- User Configurable Cardholder and History Capacity
- User Selectable Input Monitoring Modes

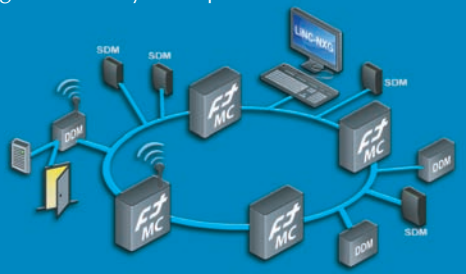
High Security Features:

- "Threat Level" Card Authorization Logic
- Two Person Minimum Occupancy Rule
- Escort Capable and/or Required
- 5 State Alarm Monitoring
- 2 Stage Alarm Control
- Alarm Latching
- AC Power Fail Notification
- DC Low Power Notification
- Supervised Readers
- Supervised Tamper
- Supervised REX

Next Generation Security Solutions

PCSC offers the world's first Fault Tolerant (FT) controller series creating the highest level of reliability with its automated process of system recovery for access control, alarm monitoring and output control systems. The FT Architecture (FTA) is the next evolution of building security management designed with a Virtual Point Definition network, integrated peer-to-peer and redundant communications. The FT system is designed to automatically recover regardless of communication or controller failure.

The FT system may be designed with an "Active/Active" or "Active/Inactive" system architecture. If for any reason, a primary controller fails, an alternate controller shall automatically take over the duties of the failed controller. The progression of successors to a faulty controller shall continue to provide security without any degradation in system operations.



The FTA consists of a Master Controller (MC) and Door Interface Modules (DIM). The MC and DIMs are designed with an Open Standards Operating System utilizing Hydra Protocol to provide the highest level of system operations and reliability. The DIM is currently offered in a Dual Door Module (DDM) or Single Door Module (SDM).

WORLD HEADQUARTERS USA 3541 CHALLENGER ST.,
TORRANCE, CA 90503 PH 310.303.3600 1pcsc.com

Next Generation Security

PCSC

Single Cable Solutions

Securing the Future...

Single Cable Solutions...

Having the ability to take full advantage of Power-over-Ethernet (PoE) technology with the PCSC Single Door Module (SDM) by not only powering the card reader but also powering door locks and REX devices, this Next Generation Security Solution operates and communicates over standard Ethernet network cables. It's friendliness to IT department's makes installation and setup simple and cost effective. Here's a brief overview… the Fault Tolerant Master Controllers can reside within a standard network rack in any server room, then using a "Single Ethernet Cable" the Single Door Module (SDM) connects back to the Master Controller from a remote door location. At the remote door, devices (reader, lock, REX) then wire directly to the SDM locally at the door. Lastly, LiNC-NXG software becomes the portal in which to manage this robust system

SDM Single Door Module

Based on the HID EDGE™, the SDM has been re-engineered to take advantage of the Fault Tolerant feature set, while providing a "single cable" door access point. Ensuring the highest level of reliability with an automated process of system recovery for access control, alarm monitoring and output control systems. 100% IP delivers reliability, cost-effectiveness and most importantly, simplicity. The fault tolerant SDM is available to accept PIV compliant card formats.

FT Controller

Fault Tolerant Master Controller Patent Pending

The world's first Fault Tolerant (FT) controller (the highest level of reliability with an automated process of system recovery for access control, alarm monitoring and output control systems). See the reverse side of this brochure for a further explanation of the Fault Tolerant Architecture.

▲ Featuring an intuitive user interface, users can grasp the power of the Fault Tolerant architecture through LiNC-NXG. A 100% distributed intelligence network with an open standards system design and software development kit (SDK) enable the communication and software application interfaces to meet your security needs.

LiNC-NXG Next Generation Security Software

LiNC-NXG™ is the next generation of security software systems, meeting the requirements and configurations of today and future systems. With its inherent ability to support legacy, current and future PCSC products, LiNC-NXG is the choice for small and large applications alike, from industrial to commercial, to campus and enterprise-level security. For those requiring the highest level of support, LiNC-NXG also provides the ability for remote access management.

◀ FT Master Controller configured with optional 19" 2U rackmountl enclosure and optional dual vacuum fluorescent displays.