

Intro to Physical Security
& Installing Biometrics

Security Alarm Systems

Security Alarm System

- ◆ Deterrent
- ◆ Detection
- ◆ Peace of Mind
- ◆ Provide Safe Work Place
- ◆ Insurance Discount

Security Alarm System

- Control Panel and Keypad(s)
- Perimeter Detection
- Interior Detection
- Personal Protection
- Fire Detection
- Environmental Detection

Control Panels

- Main processor of security system
- Power supply with backup battery
- From 6 Zones to Unlimited addressable Zones
- Combination Panels; Integrate Burglary, Fire and Access Control
- Network Connectable

Keypads

- Arming and Disarming System
- Fixed display or Plain English text
- Adding and Deleting User Codes
- Emergency Panic Alarm
- Multiple layers of Protection
- Multiple Authority levels

Perimeter Detection

- ◆ Door Switches
- ◆ Window Switches
- ◆ Glass Breaks
- ◆ May be armed separately
- ◆ 24 Hour Fire Exits

Interior Detection

- ◆ Interior Doors
- ◆ Motion Detectors
- ◆ Protect Individual Objects

Personal Protection

- ◆ Wired or wireless Panic Buttons
- ◆ Duress Codes
- ◆ Duress Passwords
- ◆ Wireless Asset/Person Locator

Fire Detection

- Smoke Detectors; Area and Duct
- Heat Detectors
- Pull Stations
- Horn / Strobes
- Fire Sprinkler Monitoring

Environmental Detection

- Temperature Sensors
- Water Sensors
- Carbon Monoxide Sensors
- Gas Propane Sensors

Alarm Communication

- Phone Lines
- Cellular
- Radio
- Internet

Alarm Monitoring

- Emergency and Supervisory Signals
- Open and Close Reporting
- Supervised Open and Close Reporting
- Mail, Fax or Email Reports
- Daily, Weekly, and Monthly

Access Control

Access Control

- Basic Systems Design
- Access as a Management Solution
- Biometric Integrations

Basic System Designs

- Controller
- Reader of Choice
- Releasing Device For Access
- Exit Device
- Software

Access as a Management Tool

- Systems can be as simple as (1) keypad controlling (1) door without storing any info.
- The average access control system consist of 3-5 doors. These Systems are software based, with basic programming.
- The more complex access control systems comprise if more doors, departments, and restricted areas.

Biometric Integrations

Access Control Taken to the Next level

Access Control Taken to the Next level

- ◆ Conventional Access Control requires a credential (Card or Proximity Tag) to gain access to secured site. This credential can be give to another individual to utilize.
- ◆ Biometrics need that person present to gain access.

Camera Systems

Camera System Needs

- ◆ Inventory Management (Employee Theft)
- ◆ Employee / Customer Safety
- ◆ Business Liability
- ◆ Property Damage
- ◆ Employee Management

Camera System Design

- Size of area to be viewed
- Lighting of area
- Expected Picture Quality
- Accessing Recorded Video
- Amount of video to be stored

Prosecutable Evidence

- Embedded Digital Signature
- Admissible Evidence

Do Your Home Work
Before Purchasing



Thank You
