



Access control Planning Guide

Answers for infrastructure.

SIEMENS

Planning Guide – access control portfolio overview

Field level

Readers



SiPass® reader technologies include:
Smart Card/Mifare 13.56 MHz, Cotag, EM 125 kHz and magstripe

Single-door products



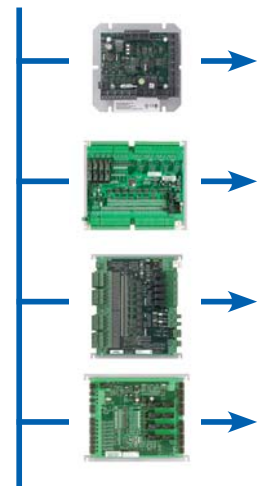
Compact card reader



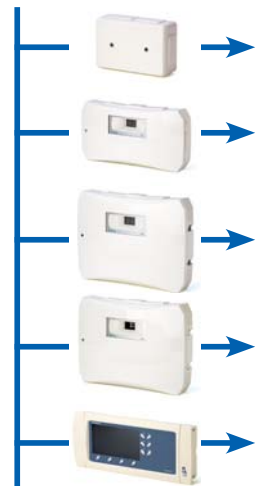
Door entry phones



Door controllers and input/output modules



Door controllers and input/output modules



Door controller DC800



Review

Automation level

Dual reader interface
ADD 5100

Eight reader interface
ADE 5300

Input point module
AFI 5100

Output point module
AFO 5200



Advanced central controller ACC5100

- Virtually unlimited number of controllers in one system
- Peer-to-peer communication and event management
- 500,000 cardholders per ACC5100
- Multiple ports with up to 96 doors over 6 field level networks
- Integration to Siemens Intrunet intrusion systems

Door controller
DC01

Door controller
DC12

Door controller
DC22

Input/output module
IOR6

InfoPoint
IP811
Used for reservation



Segment controller SR34I

- Up to 16 controllers in one system
- Peer-to-peer communication
- Holds the complete database and can operate independently without a PC or server
- Integration to SISTORE™ digital recording systems from Siemens
- Buffer for 10,000 events



USB interface

- Controller for 1 to 8 doors
- Built-in calendar clock
- Relay output for alert, warning, duress or alarm
- Anti-passback and bank-lobby function

Management level

Advanced access control SiPass® integrated



Standard access control SiPass® Entro



Basic access control SiPass® Entro Lite





Security Controller



System Administration



HR Interface



Visitor Management

Main features

- Supports virtually unlimited number of doors and cardholders
- Available in multiple languages
- Highly scalable
- Multiple workstations and sites
- Built-in integration to Siemens intrusion detection and video surveillance systems
- Automated functionality through event tasks
- Intuitive graphical user interface
- Comprehensive alarm management
- Built-in report generator
- Support of HR and business processes
- Integrated Photo ID
- Support for custom Wiegand card format
- Mifare card encoding
- Online firmware configuration and download



Security Controller



System Administration



Visitor Management

Main features

- Software to support up to 512 doors and 40,000 cardholders
- Twelve languages as standard
- 480 access groups and 240 time schedules
- 240 zones with five functions include: alarm control, anti-passback, roll call, entrance limitations and interlock
- 64 reservation objects
- 192 floors elevator control
- Smart and easy integration with up to 16 SISTORE DVRs and 128 cameras



System Administration

Main features

- Software to support up to 8 doors and 1,000 cardholders
- Twelve languages as standard
- Administration through USB interface
- Includes basic access control features
- All features are also supported in SiPass Entro
- Events and programming menus are displayed in one window



Siemens: one brand, one partner – one system ... for all your security & fire safety requirements

- Access Control
- CCTV
- Fire Safety
- Intrusion Detection

Small applications in "stand-alone" operation – convenience store or petrol station shop



○ Access control products in this example:

SiPass® Entro Lite – is an ideal access control system for those who only have a few doors to control but want more coordination and overview than single-door products can provide

DC800 door controller

HD500 heavy-duty proximity reader

Codoor battery-powered code lock

K42 code lock



Medium-sized, networked applications – large supermarket with warehouse



○ Access control system in this example:

SiPass® Entro – a flexible, scalable and user-friendly access control system for small to medium-sized facilities that offers full support for SISTORE digital video recorders

PR500 million proximity reader

PP500 proximity reader with keypad

HF500 hands-free reader



Large and/or high-risk applications with LAN/WAN – commercial bank



○ Access control system in this example:

SiPass® integrated – a comprehensive access control solution designed to meet security requirements that range in complexity from medium to very high

Includes an extensive range of useful software extensions for applications such as HR, visitor management, etc.

Fully supports the integration of video surveillance, intrusion detection and fire alarm systems

AR6181-MX proximity/vicinity Smart Card reader

AR6182-MX proximity/vicinity Smart Card reader with keypad



Welcome to the world of innovative thinking

■ Innovation

For the last 160 years, Siemens has been investing a great deal in both manpower and research and development. This has ensured a constant stream of new insights, technologies and inventions that enable us to continuously improve the reliability of our products and systems to make them easier to install and operate.

Advances in digital technologies are creating a whole new world of possibilities. Siemens has been at the leading edge of progress in this field and continues to redefine both current and future technologies.

■ Interoperability

Interoperable systems are now supplied alongside such basic requirements as lighting, heating and water in a building. As a company, we know that integration supports the business environment through the interaction of products and systems. We break down the barriers between our access control, intrusion detection and video surveillance product lines in our security portfolio and listen to what the market actually wants. We then develop to deliver both fully integrated and interoperable security systems, based on our 30 years of know-how in security.



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The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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