SIEMENS

SiPass® Entro

SiPass® Entro: Flexible, Scalable and User-friendly

- More than 6,500 systems sold so far, monitoring more than 60,000 doors in 20 countries

- Nine language versions available: English, German, French, Spanish, Dutch, Swedish, Danish, Norwegian, Finnish

- Has all the major access control features that the market requires

- Unique Web-based reservation feature

- BAPSI – Open TCP/IP software interface for third-party applications

Building Technologies

SiPass® Entro: Applications

- Simplicity of administration makes SiPass® Entro the obvious choice for organizations of any size.
- The wide variety of card technology and readers available enable perfect adaptation to almost any environment, including:
  - Industrial and commercial facilities
  - Office buildings and public institutions
  - Residential complexes
  - Sports and leisure facilities

Building Technologies

SiPass® Entro: Functional Highlights

SiPass® Entro software can manage up to 10,000 Entro systems/sites, each with up to:

- 512 doors
- 480 access groups
- 240 time plans
- 240 zones (alarm control, anti-passback, roll call, entrance limitations, interlock)
- 64 reservation objects

Building Technologies

SiPass® Entro: System Overview

SIEMENS
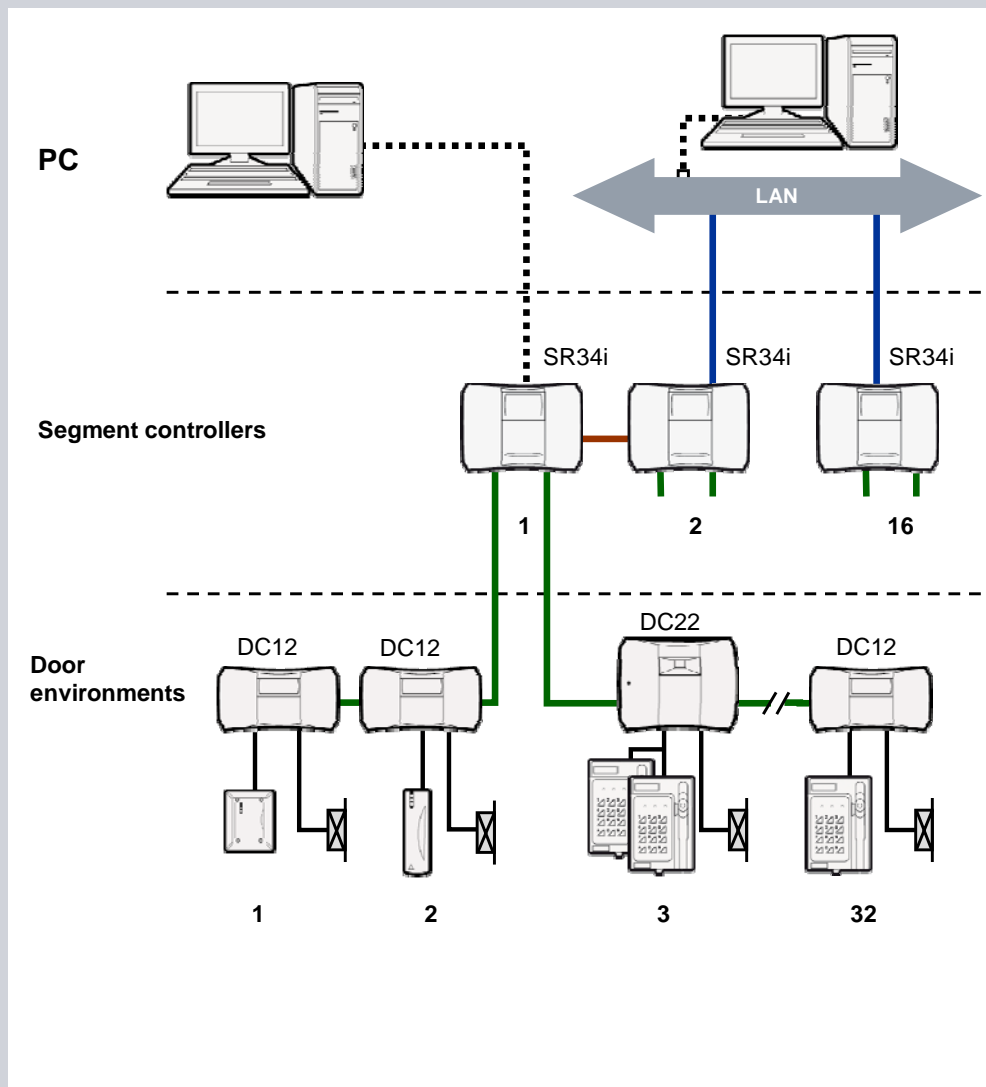

Different levels

- PC for Entro software
- Segment controllers (SR34i)
- Door environments: door controllers (DC12, DC22) and readers

Communication

- RS232
- RS485
- Modem
- TCP/IP on LAN or WAN

System

- Mirrored database between PC <-> SR34i <-> SR34i
- Event buffer (10,000 latest events)

Building Technologies

SIEMENS

SiPass® Entro: System Components

Segment controller
- SR34i/4
- SR34i/8
- SR34i/16
- SR34i/32

Administration
- Software
- USB-RIF/2

Door Terminal
- DC22
- DC12
- DC01

Relay central
- IOR6

Readers and keypads

Keypad M43   Prox+PIN BC43   Prox PR500   Prox HD500   Hands Free HF500

Prox Codoor
- PD30-EM
- PD40-EM

Reservation
- IP811
- CF8

Building Technologies

SR34i Segment Controller

- A range of capacity levels (4, 8, 16 or 32 doors)
- Standard interfaces:
    - RS232 for PC or modem
    - RS485 for global and local bus
    - TCP/IP for PC and global bus on LAN/WAN
- Integrated Web server
- Integrated keyboard and display for programming and system feedback
- Up to 16 controllers in one system

Building Technologies

DC22 Door Controller

- Display for status and error codes
- Reader interface for BC-Link, Clock&Data, Wiegand (26 and 32 bit)
- Monitors door status in terms of open/closed and locked/unlocked
- Six relay outputs for 2 x lock, 2 x warning, alert and alarm
- Input for ASF (alarm status feedback)
- Can store 100 priority cards
- Upgradeable flash memory

Building Technologies

SIEMENS

DC12 Door Controller

- Display for status and error codes
- BC-Link, Clock&Data or Wiegand reader interface
- Monitors open/closed status of doors
- One relay output for lock
- Can store 100 priority cards
- Upgradeable flash memory

Building Technologies

PD30-EM and PD40-EM Prox Codoor

- System Prox Codoor
- EM reading technology
- Cable connection (no battery required)
- Low-cost solution as it's a door controller, reader and lock in one

Building Technologies

InfoPoint IP810 and IP811
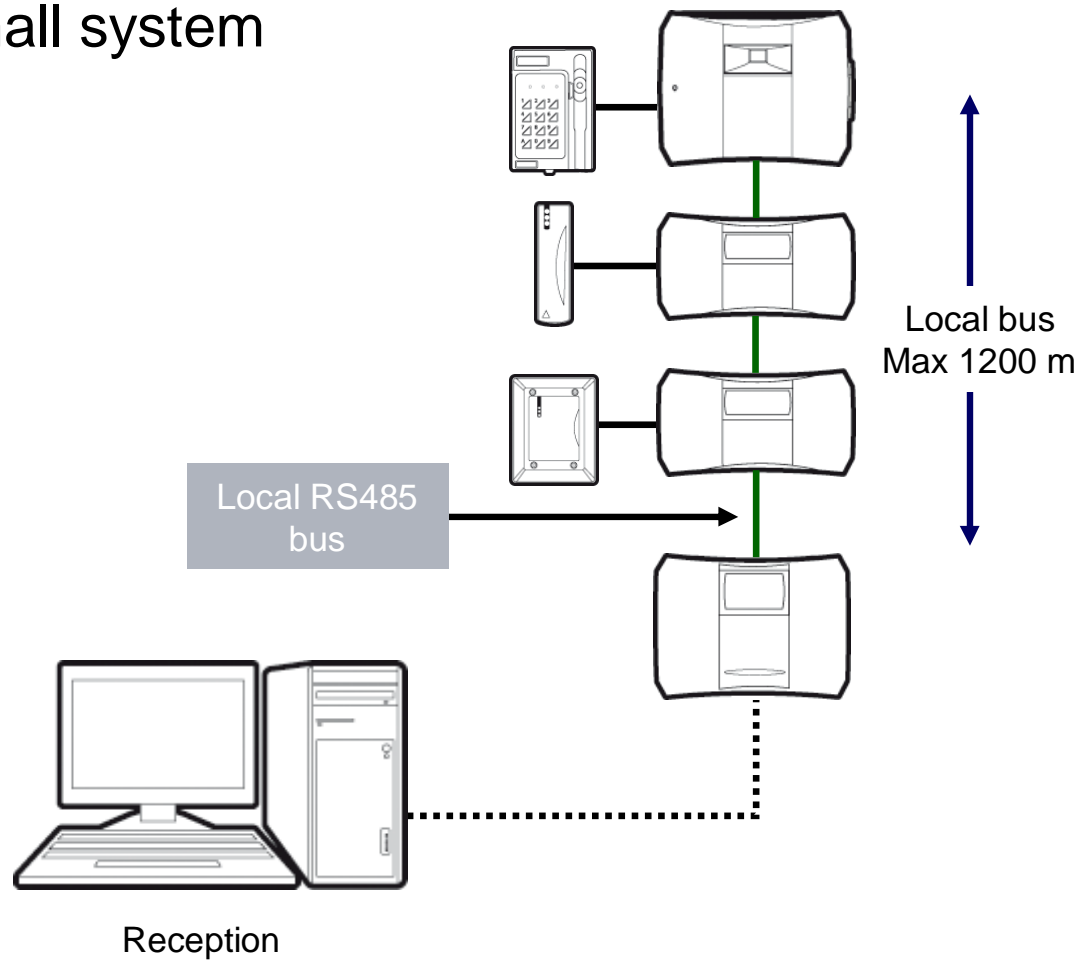
SIEMENS

IP810

IP811

- Reservation terminal with Web functions
- TFT color screen (400x200)
- Menu driven, easy to use
- Several languages
- TCP/IP connection 10 Mbit
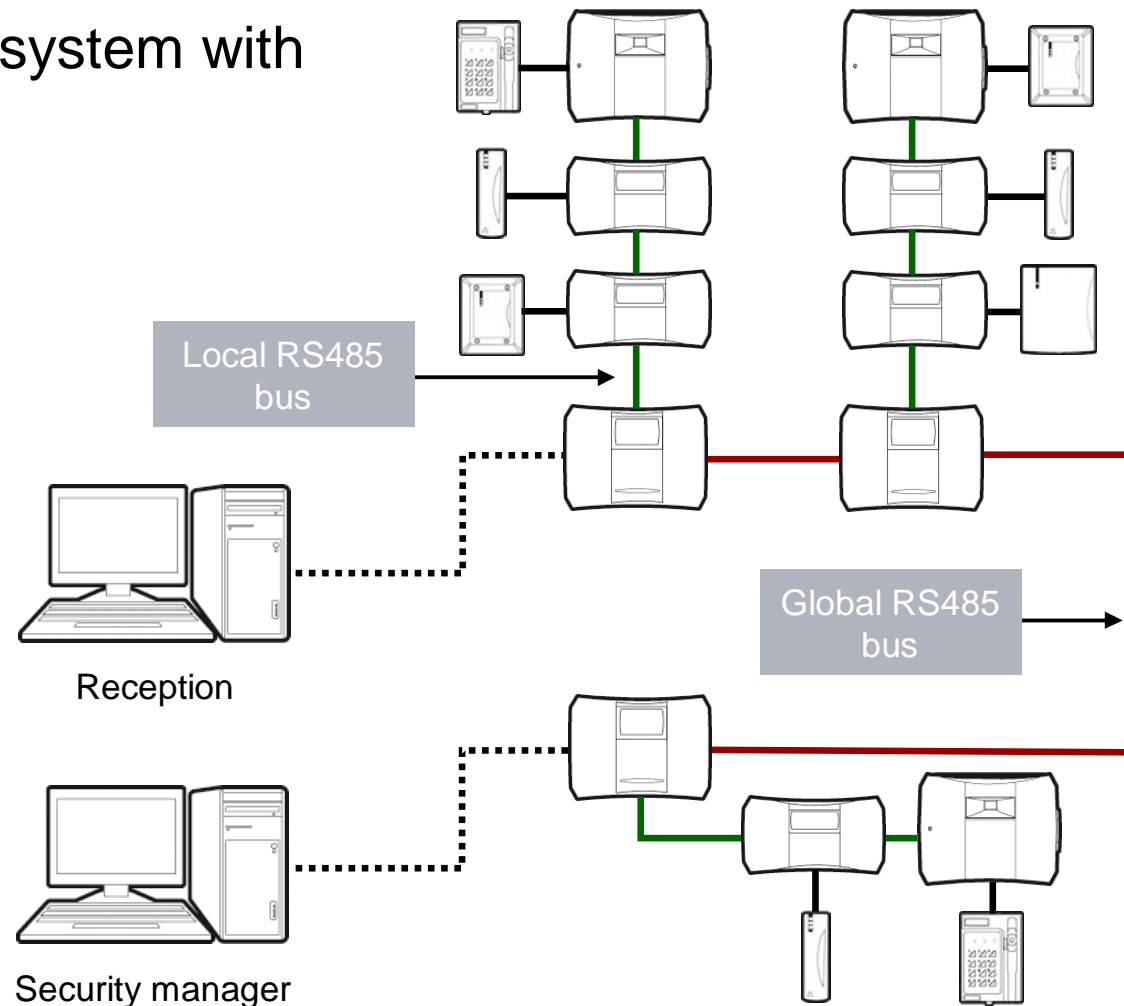- Integrated proximity reader for login (EM or Cotag)

Building Technologies

SiPass® Entro: Configuration Example 1

SIEMENS

Start with a small system
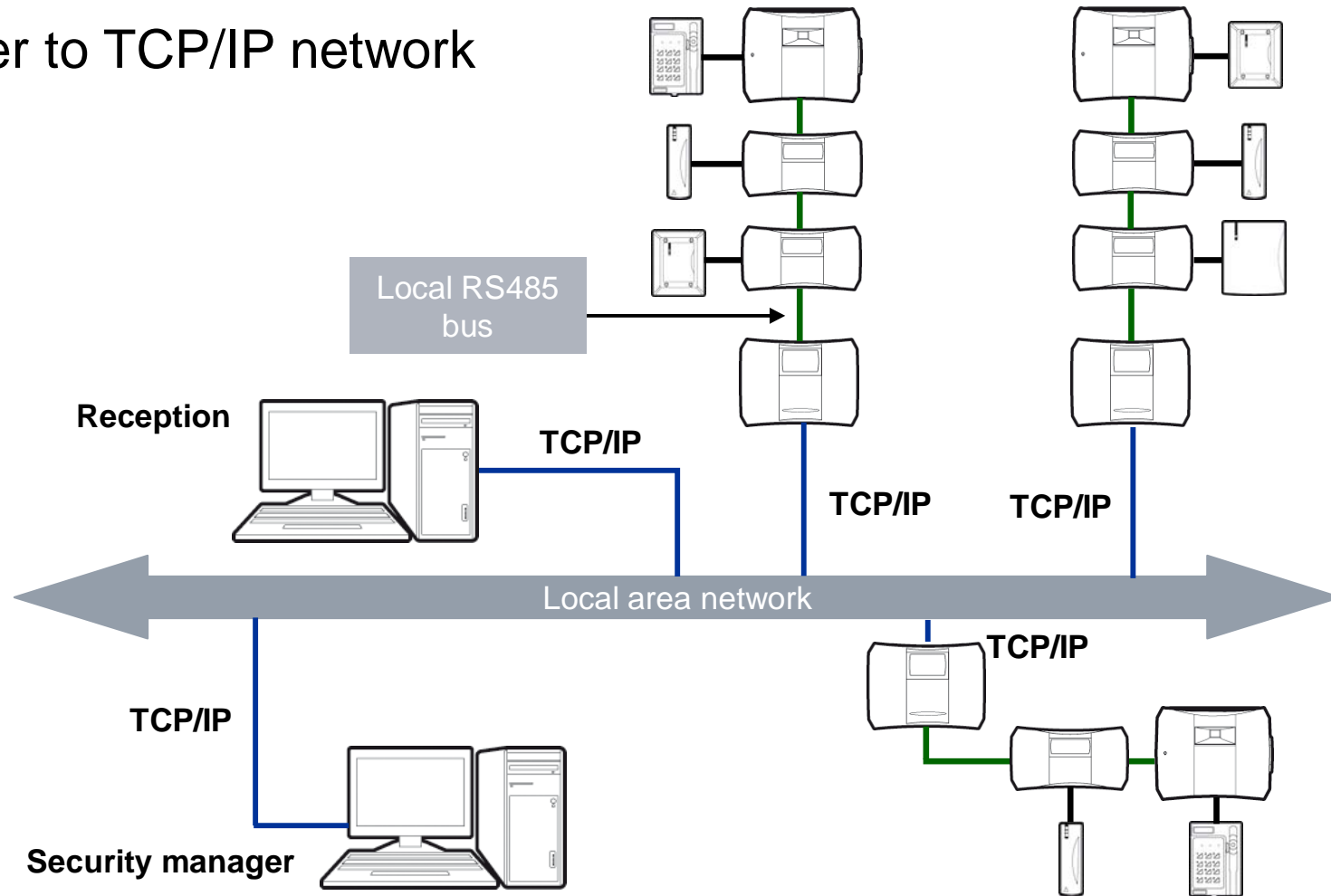
Local bus
Max 1200 m

Local RS485
bus

Reception

Building Technologies

SiPass® Entro: Configuration Example 2

Expand to a bigger system with several SR34i units

(still using RS485)

Local RS485 bus

Global RS485 bus
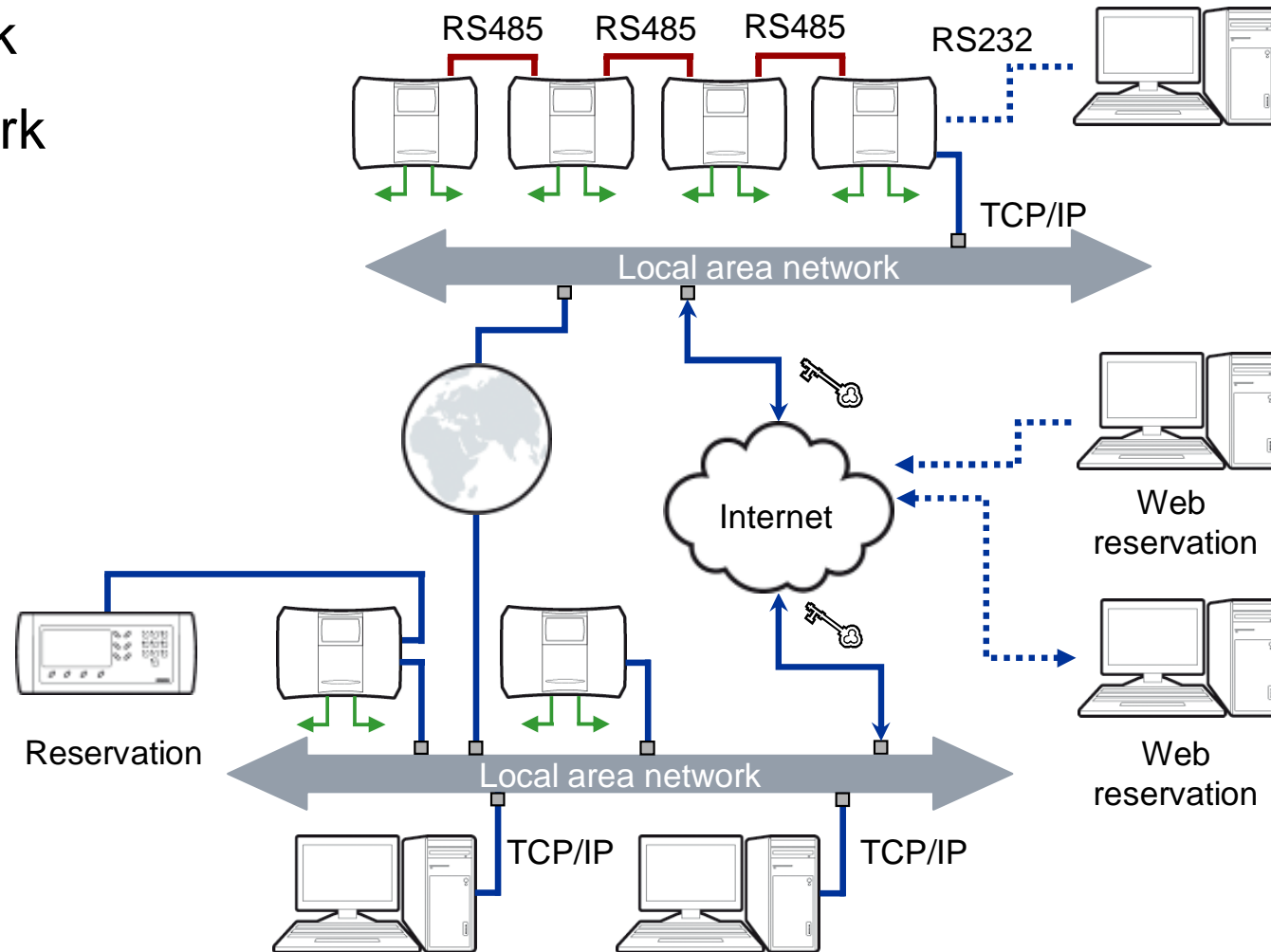
Reception

Security manager

SIEMENS

SiPass® Entro: Configuration Example 3

Change over to TCP/IP network

Local RS485 bus

Reception

TCP/IP

TCP/IP   TCP/IP

Local area network

TCP/IP

TCP/IP

Security manager

Building Technologies

SiPass® Entro: A Truly Global System

Local network

Global network

Internet

Reservation

RS485 RS485 RS485 RS232

TCP/IP

Local area network

Internet

Web reservation

Reservation

Local area network

TCP/IP TCP/IP

Web reservation

Building Technologies

Secure Your Premises with SiPass® Entro

SIEMENS

- A cost-effective way to achieve a higher level of security

- Contact your SiPass® dealer for more information

- Visit our Web site: www.siemens.com/access

Building Technologies