Security portfolio

- Video surveillance
- Intrusion detection
- Management Station
- Security management
- Access control
- Contact intervention dispatch
- Perimeter security
- Biometrics
- Security services
- Security management
- Contact intervention dispatch
- Security services

SIEMENS
Ingenuity for life
Video Surveillance

Circumstances

Night Vision

Night Vision

Night Vision

Night Vision

Night Vision
Video Surveillance
Technical expertise in the security domain
Study, consulting & design
Video Surveillance

Siveillance VMS - Video Management
Principal System Architecture

- Analog cameras
- IP cameras
- Pan-tilt-zoom cameras
- Input/output devices
- Detectors
- IP cameras with Edge Storage
- 360° cameras
- Audio devices

Remote locations: IP cameras

Video encoders
Camera Network
Recording Servers
Server Network

- Monitoring Wall Server
- Siveillance Mobile Server
- Management Server (incl. SQL DB)
- Event Server
- Network Storage

Business systems: Microsoft® Active Directory, etc.

Hot stand-by / Cold Standby

System admin.
Siveillance VMS is a powerful IP VMS platform family scaling from smaller to large complex deployments. The Siveillance VMS portfolio consists of four versions, Siveillance VMS 50, 100, 200 and 300, addressing the specific needs from small over medium size up to large complex deployment solutions.

The openness of Siveillance VMS allows the customer to enrich platforms with additional modules and functionalities both from other Siveillance portfolio elements like Siveillance™ SiteIQ Analytics or integrate to a Total Building Solution like Desigo CC™.
Video Surveillance

Siveillance VMS - Video Management looking forward
Trends and innovations

Cloud based solutions
An ECO-system capable of supporting “big amount” of data in a secured environment.

Next generation Video Analytics
Tracks and analyzes moving objects (events), and convert video streams into a database of objects and activities.

The “human” sensor
The human considered as an technological “sensor” of the entire building & security system.

Managing big data
Beyond security, get more out of the available data and deliver excellence investigation: real-time, post-event, trending, ad-hoc, predictions, etc.
Access Control
Modules

Cardholder and access management

AreaStat / Parking displays

HR/SAP Certified interfaces

Multi-purpose hardware

Web application

Data security and encryption

Industry spec. solution

Access Control Readers

Card technology

Visitor management

KioskWare

Biometric solutions

Integrated ANPR
### Access Control
#### Major Medium Differences

#### Keys
- Non personal
- Risk of getting lost
- Low level of security
- Not managed

#### Badge (credentials)
- + Encrypted data
- + Multiple use cases
- + Centrally managed
- - Risk of fraud

#### Biometrics
- + Personal access
- + Secure
- - Data privacy
- - Investment vs. purpose

#### Mobile access
- + Easy to use
- + Flexible
- + Centrally managed
- - Security (level)
Access Control Solutions

Complexity: Features and integration

SiPass integrated
For single buildings/small campus with mainstream access control requirements

SIPORT
For critical infrastructures and multi-site corporate customers; Branch concepts; Extensive separation of duties capabilities; High-performance; Highly customizable; Offline components integration

Classical buildings  Corporate customers  Critical infrastructure
Access Control
SIPASS
Architecture view
Access Control
SIPORT
Architecture view

Application and database server
Redundancy

TCP/IP

Administration
Certificate

Alarm handling
graphical overview
Certificate

Badge creation
Certificate

Visitor administration
Certificate

Web modules
Encryption  TLS 1.2

SecuCrypt
(AES-GCM) 256 Bit

RS485 with Encryption
 Blowfish or AES up to 256 Bit

128 Bit AES encryption with DESFire cards

Online Systems

Access control readers

Online/Offline Fittings

Intelligent Security Controller
Access Control

Kiosk Access – Visitor Management

Manage centrally “de-centralized” buildings, offices or sites.

Kioskware is a modular solution to offer managed services for

- Security and facility purposes
- Permanent staff / Contractors and visitors
- General Support & Guidance purposes
- Clearance checks & personal identification

The solution enables

- Cost savings
- Efficiency in resources and process
Intrusion
Technical expertise in the security domain
Study, consulting & design
Intrusion detection
SPC panel series
Portfolio Overview

• IP-Communication as integrated part of system design
• Software tools support work flows of installers, end
users and CMS service providers
• User friendly system operation
• Reliable field bus (loop / spur) with high performance
• Low false alarm rate with audio / video verification
• Open Interface for 3rd party Integration

Detector Portfolio

PSTN
GPRS
GSM
Internet
IP (Ethernet)
Intrusion detection
Get access to control unit wherever you are

Local keypads
Web access
Mobile access
Management system
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