



ASL5000-ST,ASL5000-SE,ASL5000-OA

SiPass™
Integrated

SiPass® integrated

Advanced integrated access control system

- **Flexible structure for each demand**
- **Easy installation and administration**
- **Expansion modules optionally available**
- **High operational ease by Graphic User Interface**

Access control is one of today's most complex yet important business operations, which helps to increase the security for your facility, valuable resources and staff. SiPass integrated is a Windows based Client server system with a wide range of access control and security features. Its modular architecture allows the installation from lower up to middle market segment.

SiPass integrated is easy to install and simple to administer through it's comfortable graphic user interface. SiPass integrated allows you to control access into and around your facility by controlling access to doors, while providing high security through advanced alarm management.

SiPass integrated displays detailed information regarding events that occur at your facility in a split pane Active Audit Trail window, informing you of activity at your facility in real-time. By using the optional available software modules like Photo ID, Image Verification or Guard Tour you can fulfil all requirements of access control.

Standard features of SiPass:

- Anti-Pass back
- Siemens SIMATRIX CCTV Switcher Interface
- Siemens DVR Interface
- Support for third party cardholder data import and export via a dedicated tool
- AES Encryption
- Support for Siemens RS-485 and Clock & Data readers (Crepes Protocol)
- Automatic and event triggered reporting
- 3 wrong PIN modes
- Dynamic graphical status screen
- Time scheduling
- Instructional alarm response windows
- Programmable holidays
- Individual / group cardholder access
- Manual system override capabilities
- Real-time event and message logging
- Simple coloured-coded audit trail log
- Intelligent built-in report generator
- Support for report customization (audit trail)
- Full multi-media alarming
- Colour coded alarm display
- Full system archiving and restore
- Support for most popular reader technologies
- Bulk Cardholder Creation
- Enrolment Reader Support
- Multi-user, multi-tasking environment
- Logon using full password encryption or automatic authentication Windows
- Powerful client / server architecture
- Generic USB camera support for imaging
- Online operator journal
- Intuitive Graphical User Interface (GUI)
- Comprehensive online help system

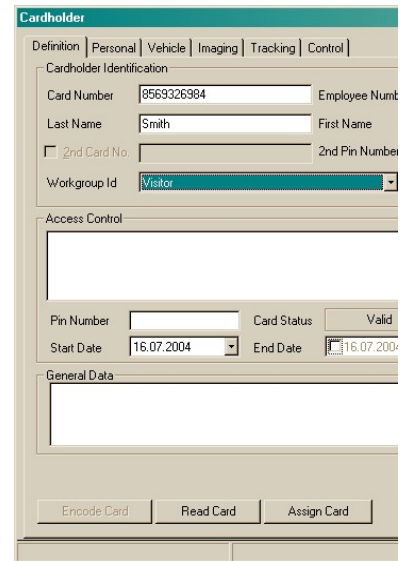
Advanced features of software extension packages:

- Visitor Management
- Guard tour
- Photo ID and card printing
- Batch card printing
- Image verification
- Configurable messaging to pagers and mobile phones (SMS), using lo-cal provider support
- Alarm and message forwarding to other SiPass servers
- Dynamic full-colour graphics
- Support for more than 30 different file formats including AutoCAD files
- Comprehensive symbols library
- Data synchronizer functionality
- Low-Level Elevator access control
- HR API allows cardholder data to be shared among applications
- Card encoding, including bar codes, magnetic stripe and MIFARE smart cards
- CCTV 3rd party high-level matrix switcher interface
- Digital Video Recorder (DVR) 3rd party management interface
- Dedicated Micros DVR Support
- Mifare card enrolment and authentication (1k and 4k cards supported)
- Sintony Intrusion Panel integration
- Multiple tenant support
- Server redundancy (Windows 2000 Server)
- Online Visual Reporting
- Global Cardholder Information distribution
- Time recording export functionality
- Intrusion
- Custom Wiegand format support
- Offline access control
- Door Interlocking sets
- Dual Custody support
- PIN only mode for door entry

Cardholder Management

The SiPass integrated Cardholder Management functionality was designed to tightly integrate effective cardholder management with a wide range of other functions allowing the user to easily manage the cardholder information. In addition to basic cardholder information SiPass offers further information like contact details, car number, address, photo and signature. And this information is not sufficient, up to 196 additional customer data fields are available. All access privileges are fully configurable and can be shown in a short overview screen. All data is protected by the operator partitioning. SiPass integrated also allows you to share the cardholder information amongst other applications using the optional HR interface.

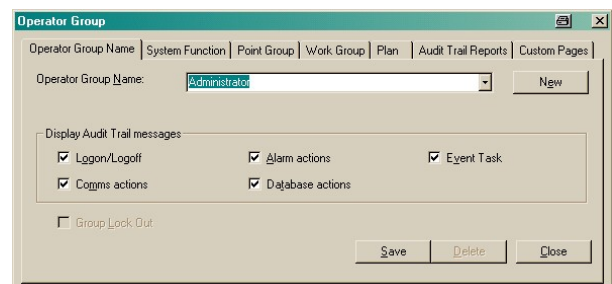
- Operator partitioning protects cardholder data
- Fully configurable access privileges
- Extensive cardholders search facilities
- Up to 14 pages of custom cardholder fields can be created
- Tenants allow the use of multiple card formats at one facility
- Photo ID option allows cardholder photos and signatures to be stored
- Instant recall of cardholder images and records from the Audit Trail
- Allowance for cardholders with disabilities
- HR Interface allows cardholder data to be shared among applications



Database Partitioning

The SiPass integrated advanced database partitioning safeguards your facility's records ensuring complete integrated security. This security starts with the secure authentication to the SiPass system, which can be done via a logon using full password encryption or automatic authentication Windows. Configurable profiles for each individual operator allow the assignment of privileges. These privileges are partitioned as:

- Audit trail messaging
- System functions
- Cardholders
- Points
- Graphic Maps
- Reports



Alarm Handling

The ability to handle alarms quickly and efficiently is crucial to an access control and security system. SiPass integrated's Alarm Handling gives you ultimate flexibility when responding to alarm and emergency situations at your facility. Up to 1000 custom Alarm Priorities can be created, allowing you to prioritize a huge number of alarm scenarios. Depending on operator preference, alarms can be actioned from the Alarm Queue window, a popup warning dialog or a Graphic Map of the facility.

- 1000 configurable Alarm Priorities
- Send alarm details to OPC-compliant software applications
- Graphic Maps updated in real-time
- Alarm instructions outline the correct responsive action every time
- Multiple ways to action alarms
- Alarm Queue can be sorted to show alarms in variable order
- Alarms of higher priority can over-ride current operator activity
- System rechecks alarm status automatically
- Configurable Alarm Classes for each system component
- Create predefined Alarm Responses

Status	Status Description	Alarm/Restore	Symbol Name	Dial Back
Alarm Normal	Breakglass Activated	Alarm	Breakglass Activ...	No
	Breakglass Preset	Restore	Breakglass Normal	No

Remote Access

Remote communications are an essential component of any modern access control and security system. SiPass integrated continues to provide solutions for facilities of any size or structure, with Dialup and Virtual Private Network (VPN) access for the ACC series of Hardware. Remote Access has been specifically designed to work in tandem with the secure, flexible and fast architecture of the SiPass integrated system itself.

- Multiple ACC's on a single remote connection
- Secure encryption and transmission of data
- Automatic connection back to the SiPass integrated server when remote Audit Trail buffers approach capacity




Communication Redundancy

Protecting the communications link between the Server and the hardware controllers is critical to ensure the highest standard of access control. SiPass integrated has a number of integrated options that provide superior communications channel backup and redundancy without requiring major restructuring of a network or the purchase of expensive third party applications.

- Built-in communications redundancy uses existing network architecture
- Dialup redundancy in case of Ethernet communications loss
- Automatic dial-in to Server from ACC's when network is offline
- ACC redials Server at configurable intervals if line is busy
- Backup phone number and modem provide double protection

Software basic packages

The SiPass integrated access control software is available in different basic packages depending on the size of the access control installation. If a system expansion is required in the future, a software upgrade is always possible.

	SiPass integrated Basic Packages	Description
	Starter	16 doors 1.000 cards 1 server 1 client MSDE Database No expansions or options possible
	Standard Edition	24 doors 1.000 cards 1 server 1 client MSDE database (If more than 10.000 card-holders or 5 clients a SQL database ¹ is required) Expansions or options available
	Optima	64 doors 10.000 cards 1 server 3 clients SQL database Expansions or options available

Software Extensions

The following extensions are available for the packages SiPass integrated Standard and Optima. The extensions can be installed in multiple sites.

Extension	Description
Database extension for 1.000 cards	The SiPass integrated database is extended for additional 1.000 persons.
Database extension for 8 doors	The SiPass integrated database is extended for additional 8 doors

¹ Is not included in the software package

Software Upgrade Packages

The following packages are available for software upgrade.

Upgrade package	Description
Upgrade Starter – Standard	Data base extension to Standard package
Upgrade Standard – Optima	Data base extension to Optima package

Optional Software Extensions

For software extensions the following modules are optionally available. For installation of these modules a SiPass Standard or Optima package is required. For further details please see the respective product sheets.

Type	Part no	Designation
ASE5100-WS	6FL7820-8AE00	Additional Workstation
ASE5300-CW	6FL7820-8AE01	CCTV Capability on a SiPass Workstation
ASE5300-ID	6FL7820-8AE02	Photo ID and Image Verification
ASE5300-MF	6FL7820-8AE03	Message Forwarding
ASE5300-AP	6FL7820-8AE04	HR Application Programming Interface (API)
ASE5300-VM	6FL7820-8AE05	Visitor Management
ASE5300-LE	6FL7820-8AE06	Low-Level Elevator Management
ASE5300-GT	6FL7820-8AE25	Guard Tour
ASE5300-DS	6FL7820-8AE14	Data Synchronizer
ASE5300-GP	6FL7820-8AE17	Graphics
ASE5300-CB	6FL7820-8AE26	CCTV 3 rd Party High-Level Matrix Switcher Interface
ASE5300-ME	6FL7820-8AE20	Mifare Encoding
ASE5300-DV	6FL7820-8AE21	Digital Video Recorder (DVR) 3 rd party Interface
ASE5300-TR	6FL7820-8AE22	Time Stamp Export (text output)
ASE5300-IN	P24246-P2801-A1	Intrusion
ASE5300-MM	P24246-P2803-A1	MM8000 Interface

Please Note:

An interface to Siemens CCTV Matrix Switchers (SIMATRIX) and DVR Units (SIS-TORE) are included in the core licence.

System Requirements

Hardware

SiPass SERVER:	Windows XP (SP2) / Windows Server 2003 (SP2) / Windows Vista Business
Operating system	MS SQL Server 2000 (SP4) Microsoft MSDE (SP4) - (max. of 5 Client Workstations) MS SQL Server 2005 Standard MS SQL Server 2005 Express - (max. of 5 Client Workstations)
DBMS	Pentium IV (Intel Core™ 2 recommended)
Processor	Min. 1024 MB Min. 2GB with MS SQL Server 2005
RAM	80 GB
Hard disk drive	Ethernet 100MB Recommended
Ports	Windows XP (SP2) / Windows Server 2003 (SP2) / Windows Vista Business

SiPass HR API

Client:

Operating system	Windows XP (SP2) / Windows Vista Business
Processor:	Pentium IV
RAM	Min. 256 MB
Hard disk drive	40 GB

SiPass Client

(Standard / CCTV / Imaging)²

Operating system	Windows XP (SP2) / Windows Vista Business
Processor:	Pentium IV
RAM	Min. 256 MB
Hard disk drive	40 GB
Screen resolution	1024 x 768, 256 colours min.
Ports	Ethernet 100MB Recommended

SiPass CCTV Bus Driver:

Operating system	Windows XP (SP2) / Windows Vista Business
Processor:	Pentium IV
RAM	Min. 256 MB
Hard disk drive	40 GB
Ports	1 RS232

² To view real-time CCTV images on-screen a video capture card must be installed in the client PC.

Details for ordering

SiPass standard software license (only license)

Type	Part no	Designation
ASL5000-ST	S54511-P2-A1	SiPass Starter
ASL5000-SE	6FL7820-8AA10	SiPass Standard Edition
ASL5000-OA	6FL7820-8AA20	SiPass Optima

In addition to the licence the SiPass software CD has to be ordered in the requested language.

Type	Part no	Designation
ASB5000-EN	6FL7820-FD10	SiPass Software CD (English)
ASB5000-DE	6FL7820-FD11	SiPass Software CD (German)
ASB5000-FR	6FL7820-FD12	SiPass Software CD (French)
ASB5000-NL	6FL7820-FD13	SiPass Software CD (Dutch)
ASB5000-ES	6FL7820-FD14	SiPass Software CD (Spanish)
ASB5000-PL	6FL7820-FD15	SiPass Software CD (Polish)
ASB5000-SV	6FL7820-FD16	SiPass Software CD (Swedish)

SiPass extensions for SiPass Standard Edition and SiPass Optima

Type	Part no	Designation
ASE5100-BA	6FL7820-8AD10	Database extension for 1.000 cards
ASE5100-DO	6FL7820-8AD20	Database extensions for 8 doors

SiPass Upgrade for Standard software

Type	Part no	Designation
ASU5000-SN	6FL7820-8AB00	Upgrade Starter – Standard
ASU5000-NO	6FL7820-8AB10	Upgrade Standard – Optima

Issued by
Bewator AB
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Sweden

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Document no. **A24205-A335-B119**
Edition 09.2008