SIEMENS

Access Control

SiPass® integrated MP2.65

Product Release Notes

MP2.65 SP4

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Contents

1 Introduction

SiPass® integrated is an advanced access control system. Its superior range of security features ensures that it is an ideal access control solution for any application regardless of size or complexity.

SiPass integrated MP2.65 is your interoperable security solution. It combines advanced access control with easy yet powerful connectivity to Video, Intrusion (SPC), Building comfort (APOGEE, DESIGO CC), OPC A&E compliant applications, Building Management Stations, Offline door access systems (SALTO), and finally Fire and Danger Management (MM8000).

SiPass integrated -- Opening doors to a secure environment.

1.1 SiPass integrated MP2.65 and Interoperability

This service pack for SiPass integrated MP2.65, introduces a number of enhancements and quality improvements to the Access Control and Security system.

1.2 What this document covers

This document details the changes that have been made to SiPass integrated and the important information that users need to be aware of when ordering, installing and troubleshooting.

1.3 Ordering

To order the SiPass integrated software, please use the order forms provided and the part numbers specified on these forms.

2 Important Release Information (Pre-Requisites)

Before installing SiPass integrated, refer to the SiPass integrated Installation Guide for important information about installing the software. The SiPass integrated Installation Guide contains all the necessary procedures to install and upgrade the software and all other associated hardware and software components. This guide can be found in the SiPass integrated software bundle.

2.1 Security Recommendations

This section details important security recommendations regarding the installation of SiPass integrated on public domains. It also deals with the important issue of protecting your software system from virus infections.

2.1.1 Installing SiPass integrated / ACCs / Dialups on a Public Domain

Users please note that installing SiPass integrated on a public domain presents vulnerabilities (e.g., being infected by PC viruses) like any application running on a Windows environment.

If SiPass integrated or ACCs etc. are to be installed on a public domain, it is recommended that a dedicated network (like a minimal VLAN) be used for optimal security. Telnet and SSH on the controllers should be disabled after installation. Further, installation of the server and the client as dedicated applications on PCs is advisable. It is also recommended that all default passwords that are used to install the software are changed immediately as these are published in documents (not having any security control).

SiPass integrated users are also advised to lockdown USB ports on the PCs where SiPass integrated has been installed. Further, it is recommended that client PCs for non-administrator operators should be locked down.

2.1.2 Reducing Security Risks with Anti-Virus Software

It is recommended that all SiPass integrated operators install and run an Anti-Virus or Virus Scan application to protect your computer from viruses, and other security threats that can compromise the performance of the system. SiPass integrated has been tested with the TREND MICRO Office Scan software.

As there are numerous brands of anti-virus software available in the market, it is recommended that you first investigate the source of software before downloading and installing it. It is advisable that you choose a virus scanner that best meets the needs of your particular software environment. It is also important that you test your anti-virus application with SiPass integrated before going live to ensure that the anti-virus application does not impact the performance of your security management. Contact vendors of the chosen anti-virus software for instructions and updates.

2.2 Windows Patches and Hot Fixes

It is expected that SiPass integrated will continue to operate as normal if you automatically update your PC with any updates or patches provided by Microsoft. However, some exceptional changes made by Microsoft to their operating system may cause unexpected results. In these instances please report your problem to your local support representative and the issue will be investigated as soon as possible.

3 New Features for SiPass integrated MP2.65

With the introduction of several new and innovative features in this latest market package, SiPass integrated MP2.65 builds itself into a more robust and powerful system, that can meet all your access control requirements.

This section provides you brief information about the latest features and enhancements available in SiPass integrated Market Package 2.65.

3.1 Enhanced Access Assignment

The advanced intelligence of this new SiPass integrated market package makes it possible for operators to assign Multiple Access Rights to cardholders, workgroups or venues, without limitations on the number of access rights per cardholder.

SiPass integrated MP2.65 allows these access rights to be assigned as combination of **Private Access**, **Workgroup Access** and **Venue Access** rights for each cardholder. These access rights can be assigned permanently, or temporarily (with a specific start and end date & time).

In this enhanced market package, any modification to the access rights of a workgroup will be immediately applied to all cardholders of the workgroup. Further, cardholders with multiple workgroups assigned to them, will inherit all access rights from their workgroups.

Note that if a database is restored from MP2.60 or earlier, any existing workgroup access rights will be disabled by default in MP2.65. This is due to the new behaviour of workgroup access rights in MP2.65. In MP2.60 and earlier, workgroup access rights were transferred to cardholders after workgroup assignment, after which the cardholder access rights could be further customised. In MP2.65, disabling existing workgroup access rights by default will avoid giving unintended access to existing cardholders, since workgroup access rights are now inherited by the cardholder. Workgroup access rights can be enabled in the workgroup dialog if the operator is confident with the access configuration of the workgroup and cardholders involved.
Expired access can be removed automatically from cardholder and workgroup by using Host Based Event Tasks.

Conversion of older access concepts after upgrade to SiPass int. MP2.65

– **Temporary Access Groups:** On upgrade, each existing Temporary Access Group will be converted to a Venue **and** a Venue Booking, with the same temporary access group name.

Any cardholders that were assigned to the Temporary Access Group will now be assigned to its converted Venue Booking.

– **Personalized Access Groups:** On upgrade, any existing Personalized Access Groups for a cardholder will be converted as **Private** access privileges.
They will be visible (with the same Personalized Access Group name) under the **Private** access privileges tree, on the *Definition* tab of the *Cardholder* dialog.

– **Offline Access Groups:** On upgrade, any existing Offline Access Groups for a cardholder will be converted as **Private** access privileges.
They will be visible (with the same Offline Access Group name) under the **Private** access privileges tree, on the *Definition* tab of the *Cardholder* dialog.

More details on Access Assignment can be found in the SiPass integrated MP2.65 *User Guide.*

3.2 Venue Management

This innovative feature is a powerful addition for sites with Meeting Rooms, Conference Halls, or similar shared locations used by several groups of people. SiPass integrated MP2.65 makes it possible to configure such shared locations as **Venues** with a collection of access components like access points, levels, groups and intrusion area points, etc.

The prime advantage of this feature is that operators can book these Venues for one-off or scheduled bookings using the **Venue Booking** feature in SiPass integrated Client and Web client.

Operators can also give configure access rights to cardholders as venue booking *Organizers* or *Participants*. Participant access rights can be configured privately to individual cardholders, and also to entire workgroups.

The Venue Booking User Interface provides an excellent visual overview of all the venue bookings across all venues, and also across calendar periods.

See the Release Notes for *SiPass integrated MP2.65 Service Pack 3* for enhancements to this feature.

Note: The Temporary Access Group will be converted to Venues and Venue Bookings when upgraded to MP2.65.

3.3 Cardholder User Interface Enhancement

This market package provides enhanced features for the cardholder user interface, wherein the entire Cardho*lder/Visitor* dialog is customizable.

Compared to previous versions where operators could only add customized pages to the *Cardholder/Visitor* dialog; this market package features a completely customizable *Cardholder/Visitor* dialog, which contains a default pre-defined layout. Operators can customize the layout, and add/modify desired controls to any page, minimizing the need for opening multiple tabs in the dialog.

Different Operator Groups also have the flexibility of creating layouts specific to their group.

3.4 SiPass integrated Web Client

SiPass integrated MP2.65 successfully launches the remote management capability of its access control system, through its well-integrated Web Client.

Utilizing the same login credentials as the SiPass integrated client, the Web Client makes it possible to seamlessly manage Cardholdes, Venues and Venue Bookings, Access Levels, and Access Groups.

Linking of the web interface to the client layouts allow the Web Client to use customized layouts created in the SiPass integrated client, that can then be assigned to specific operator groups.

Please refer the *SiPass integrated Installation Guide* for details supported Browsers, Operating Systems and Smart Devices.

3.5 Enhanced DESFire Encoding

The DesFire Smart Card Encoding feature is enhanced in SiPass integrated MP2.65 to include the ability to distinguish between the **Master Key** and **Application Key** of the card.

This allows Cardholder field mapping in SiPass integrated to Applications and Files of the DESFire card in the Profile Configuration dialog.

It allows operators to set the Application Key and the Application Master Key, while supporting the DES, 3DES or AES Encryption Algorithm

3.6 Improved HR-API Functionality

In MP2.65, the HR-API is enhanced to be able to fully manage cardholders / visitor, Access Assignment, Access Level, Access Group, Venue and Venue Booking, Workgroups.

These improvements provide operators with advanced flexibility for Access Assignment in SiPass integrated via 3rd party applications. The HR-API also automatically notifies the 3rd party application about changes in SiPass integrated, related to Cardholders, Access Assignment or Venues/Venue Bookings, which allows applications to automatically synchronize with SiPass integrated.

3.7 Complete Support for AR40S-MF and AR10S-MF Readers

SiPass integrated MP2.65 fully supports the AR40S-MF and AR10S-MF readers. New reader firmware can be downloaded to the readers using the SiPass integrated software.

This new market package also supports encrypted communication between the controller and these readers using secure OSDP. This is currently supported for the DRIs.

The RIM firmware has also been enhanced to provide a date and time stamp to the LED display, once the card has been badged on the reader.

3.8 Upgrading from SiPass integrated MP2.65 to higher versions

SiPass integrated MP2.65 can upgrade to higher versions without uninstalling the current SiPass version on the system, while completely retaining the current database.

For detailed information, see *SiPass Integrated Installation Guide*. You can also see the section *SiPass integrated Upgrade Compatibility* in this document for information on SiPass integrated upgrade path.

For SiPass version Upgrade, and License Change:

Performing a SiPass version Upgrade, and License Update/Change cannot be done at the same time.

1. You must first upgrade to the new SiPass version required.
2. Next, run the installer file of the new SiPass version to update/change the license.

4 New Features for SiPass integrated MP2.65 SP4

4.1 Standard Access Assignment Override Capability

A special set of access privileges can be specified for cardholders, that override their standard assigned access over a temporary period of time, after which these exclusive privileges are removed.

For this, a venue is defined as "Exclusive" and the assigned cardholders have access ONLY to the venue doors during the booking time period. All other access is disabled until again outside the booking time.

– Multiple venues can be configured as exclusive

– A cardholder assigned to multiple exclusive venues (with overlapping time periods) will have access to all the venues (from start time of the earliest booking for a venue till end time of the last booking for a venue)

– The new column - *Override Standard Access Rights* in the Venue report displays this information

Note: Exclusive access permissions can change or reduce a cardholder's access depending on how these permissions are defined

More details can be found in the SiPass integrated MP2.65 SP4 *User Manual.*

4.2 Discontinued Functionality

With SiPass integrated MP2.65 SP4 onward, the *Automated Client Installation* feature (for setting up Remote Client installations) is no longer available.

5 SiPass integrated Installation Compatibility

The following tables outline the components that have been tested with this version of SiPass integrated.

5.1 SiPass integrated Backup/Restore Compatibility

The following table displays the versions of SiPass integrated among which you can perform a database backup/restore.

	DATABASE BACKUP/RESTORE VERSION (The version you want to restore to)							
CURRENT VERSION (The version currently installed)	**SiPass integrated version**	**MP2.50**	**MP2.60**	**MP2.65**	**MP2.65 SP1**	**MP2.65 SP2**	**MP2.65 SP3**	**MP2.65 SP4**
	MP2.40	Yes						
	MP2.50		Yes	Yes	Yes	Yes	Yes	Yes
	MP2.60			Yes	Yes	Yes	Yes	Yes
	MP2.65				Yes	Yes	Yes	Yes
	MP2.65 SP1					Yes	Yes	Yes
	MP2.65 SP2						Yes	Yes
	MP2.65 SP3							Yes

NOTE

SiPass integrated MP2.40 database backup must first be restored to version MP2.50, and then to MP2.65 SP4.

5.2 SiPass integrated Server

Note that the following tables relate to the English version of the Windows Operating Systems outlined.

Windows 8.1 (32-bit & 64-bit)	**Windows Server 2012 R2**	**Windows Server 2008 R2 (SP2)**	**Windows 7 (Professional, Enterprise) SP1** (32-bit & 64-bit)
✓	✓	✓	✓

*Some additional configuration settings are required to ensure that the specified versions of Windows operating systems operate correctly with SiPass integrated. For further information, see Appendix - Windows Settings in the SiPass integrated Installation Guide for this market package of SiPass integrated.

5.3 SiPass integrated Client

Note that the following tables relate to the English version of the Windows Operating Systems outlined.

Windows 8.1 (32-bit & 64-bit)	**Windows Server 2012 R2**	**Windows Server 2008 R2 (SP2)**	**Windows 7 (Professional, Enterprise) SP1** (32-bit & 64-bit)
✓	✓	✓	✓

NOTE

Whilst both the SiPass Server and Client can run on multiple Windows platforms, it is recommended that where possible a single operating system be chosen for an entire installation.

The same SiPass integrated version, as well as the same build of SiPass integrated should be installed on the SiPass integrated server and on all clients (local and remote), within the same system.

*Some additional configuration settings are required to ensure that the specified versions of Windows operating systems operate correctly with SiPass integrated. For further information, see Appendix - Windows Settings in the SiPass integrated Installation Guide for this market package of SiPass integrated.

5.4 Microsoft SQL Server

The following table indicates the supported SQL Server software on which SiPass integrated will run:

SQL 2014 Express	**SQL 2014** (32/64-bit)	**SQL 2012 SP2** (32/64-bit)	**SQL 2012 SP2 Express** (64-bit)	**SQL 2008 R2 SP3** (32/64-bit)	**SQL 2008 R2 Express SP3** (32/64-bit)
Yes	Yes	Yes	Yes	Yes	Yes

If there are no SQL server versions installed on the computer where SiPass integrated is installed, SiPass integrated will automatically install a 32-bit version of Microsoft SQL Server 2008 R2 Express.

NOTE

Sites with multiple clients and higher activity (for example, a large number of doors / cardholders / or event transactions, involving more than 5 clients, 50 readers, or 10000 cardholders) are recommended to purchase a higher performance version of SQL optimized for both scalability and performance (for example, SQL Server 2008 Enterprise). See the Microsoft website for more information regarding SQL versions and performance at the following link: http://www.microsoft.com/en-us/server-cloud/products/sql-server-editions/default.aspx

Failure to install the appropriate version of SQL Server may have an adverse impact upon the performance of SiPass integrated.

Compatibility tests have been performed with SQL2014 but this is not supplied with the SiPass integrated software bundle.

5.5 .NET Framework

The following .NET Framework version is tested to be compatible with SiPass integrated:

.NET Framework Version 4.0	.NET Framework Version 4.5.2

5.6 Web Client Browser Compatibility

Internet Explorer (IE)* Min. version 10 and higher	Firefox	Chrome
✓	✓	✓

*If using IE10 for the SiPass integrated Web Client, ensure that you have turned off **Compatibility View** for the browser.

5.7 Web Client Smart Device Compatibility

SiPass int. Web Client	Apple iPhone	Apple iPad	Samsung Galaxy
	✓	✓	✓

5.8 System Compatibility

5.8.1 Firmware

AC5100 (ACC-020 / ACC-010) Version 2.65.51	ADD51x0 (DRI) Version 3.42	ADS52x0* (SRI) Version 3.14	AFI5100 (IPM) Version 2.32	AFO5100 (OPM) Version 1.12
✓	✓	✓	✓	✓

ADE5300 (ERI) Version 3.38	AFO5200 (8IO) Version 1.02	ATI5100 (IAT-010) Version 1.05
✓	✓	✓

DC12 Mkl Version 1.36 MKII Version 1.43	DC22 Mkl Version 1.36 MKII Version 1.43	DC800 Version 1.23	IOR6 Version 1.00
✓	✓	✓	✓

AC5102 (ACC-G2) Version 2.65.51	AC5200 (ACC lite) Version 2.65.51	Granta Mk3 (ACC-Granta) Version 2.65.51	Granta Mk3 Backboard Version 1.29
✓	✓	✓	✓

5.8.2 Hardware

5.8.2.1 Controllers

AC5102 ACC-G2 Revision 3	AC5100 ACC Revision 3 ACC-020	AC5100 ACC Revision 2 ACC-010	AC5200 SR34i Revision 1	AC5200 SR35i Revision 1.4
✓	✓	✓	✓	✓

AC5200 SR35i MkII Revision 2	Granta Mk3 Revision 1
✓	✓

5.8.2.2 Door Control

ADD51x0 DRI Revision D	ADS52x0 SRI Revision B	ADE5300 ERI Revision A	ATI5100 IAT Revision A	4322 COTAG	4422 SWIPE
✓	✓	✓	✓	✓	✓

DC12 Rev 05	DC22 Rev 05	DC800 Rev. 04	PD30/PD40 Rev. 02
✓	✓	✓	✓

5.8.2.3 I/O

AFI5100 IPM Revision B	AFO5100 OPM Revision A	AFO5200 8IO Revision A	4253 I/O	IOR6 Rev. 04
✓	✓	✓	✓	✓

5.9 API / HLI Compatibility

The sections that follow provide information on the backwards compatibility of the current interfaces available in this release of SiPass integrated.

5.9.1 HR-API Interface

SiPass integrated HR-API allows data to be accessed and maintained from any programming language that supports COM automation.

SiPass integrated MP2.65 contains HR-API changes which means modification is required for any existing applications that have been built around versions prior to 2.65 HR-API.

5.9.2 Management/Enterprise Station API

SiPass integrated MS-API allows data to be accessed and maintained from any programming language that supports COM automation.

SiPass integrated MP2.65 contains MS-API changes which does not require modification to any existing applications, that have been built around versions previous to 2.65 MS-API.

5.9.3 OPC A&E Server Interface

SiPass integrated supports OPC A&E version 1.0

5.10 Digital Video Recorder (DVR) System Compatibility

5.10.1 DVR Integration

	Version
SISTORE MX (including NVS)	**2.90 SP2**
SISTORE MX	**2.90 SP2 M1**
SISTORE CX	**3.6.4**
VECTIS HX	**2.1.5**
VECTIX iX	**2.10.0.236 (SDK 2.5.4.06)**

NOTE

For the above versions, **General SISTORE** option from the **Type** drop-down should be selected from the **DVR Switcher** tab on the *Component* dialog in SiPass integrated.

Siemens SISTORE MX	Siemens SISTORE SX	Siemens SISTORE NVS	Siemens SISTORE CX1	Siemens SISTORE CX4/8
Version 2.90 SP2	**Version 3.1**	**Version 2.90 SP2**	**Version 3.5**	**Version 3.5**
				Version 3.6

NOTE

For the above versions, **General SISTORE** option from the **Type** drop-down should be selected from the **DVR Switcher** tab on the *Component* dialog in SiPass integrated.

5.10.1.1 VSS-SDK Compatibility

VSS-SDK Version	Max. Resolution supported by VSS-SDK	Max. Bandwidth supported by VSS-SDK	Max. FPS supported by VSS-SDK
2.5.5	1920 x 1080 / 1280 x 1024	16 MBit/s	30 fps

The limits above also apply to IP cameras connected to SiPass integrated via RTSP (VSS-SDK Player).

5.10.2 Third-Party DVR Integration (Requires DVR-API Connection License)

Bosch Divar 700 Series	Bosch DivarXF	Bosch DivarMR
✓	✓	✓

Bosch Video Recording Manager	DVTel SiPass (F) Integration 6.2.2.1	DVTel SiPass (B) Integration 6.2.2.4
✓	✓	✓

NOTE

For the above BOSCH versions, **Generic** option from the **Type** drop-down should be selected from the **DVR Switcher** tab on the *Component* dialog in SiPass integrated

For compatible versions and support, contact DVTel or Bosch.

Bosch DVR-API version 2.0 has been tested in a Windows 7, 64-bit environment.

For further support on the Bosch integration package, contact local Bosch support in your region.

5.11 Directly-connected IP Camera Compatibility

AXIS P1354 Fix Camera	AXIS M30007 Fix Dom	AXIS P5534* PTZ – Dom, Live View	AXIS P7214** Video Encoder	Siemens CCIXI345	Siemens CCIC1410-L
✓	✓	✓	✓	✓	✓

NOTE

- While the above cameras have been specifically tested, an IP camera using the RTSP protocol should work properly. Please test before purchasing and installing onsite.
- For live streaming with IP Cameras, SiPass integrated supports the RTSP as command protocol and RTP for the data stream. The Codecs that are supported are: MJPEG, MPEG4, H264.
- PTZ functions are not supported for any IP camera directly connected to SiPass integrated.
- **Only IN1 is supported.
- If recording is required, the IP camera has to be connected via DVR.

5.12 Intrusion Panel Compatibility

Intrunet SI 400 series (Sintony 400)	SPC 4300, 5300, 6300 Intrusion System
✓	✓

NOTE

- AC5200 (ACC lite) controller does not work with SPC Intrusion system or Sintony 400.

5.13 Modem Compatibility

ETM9440-1 HSPA+/UMTS/GSM/GPRS Terminal (3G GSM modem)	CINTERION Terminal-MC52i (2G GSM modem)
✓	✓

NOTE

While some previous modems have been discontinued, Windows-based modems compatible with your operating system will work. It is recommended that the same modem type be installed throughout an installation to ensure compatibility. Other modem brands may be compatible but have not been tested. It is recommended that you test the compatibility of these modems prior to installation at any facility. Further, additional checks should be performed to ensure that your modem is compatible with your Operating System.

For any specific modem capabilities, contact your local support.

5.14 Card Printer Compatibility

Fargo Pro - Series	Fargo High Definition (HDP600, HDP800)	Fargo Direct-to-Card (DTC500 Series)	Fargo Persona (C25)
✓	✓	✓	✓

NOTE

- The above table only lists those card printers that have been tested with SiPass integrated. All Windows compatible card printers should operate correctly with SiPass integrated 2.65. However, it is recommended that you test your card printer for correct operation before installation in a live environment. Further, additional checks should be performed to ensure that your card printer is compatible with your Operating System.
- If using Windows 7 Operating System, please ensure that the firmware of your Card Printer is upgraded to be compatible with Windows 7 OS.

5.15 MiFare Classic Card Encoding (while printing)

Fargo with GEM Plus 680 SL encoder installed by Interproc (www.intraproc.com – GCI680 Driver)	Fargo with GEMeasyAccess332 encoder, installed by Interproc (www.intraproc.com – GCI680 Driver)	OmniKey Cardman SK21	Fargo HDP5000 with built-in OMNIKEY 5121**	Fargo HDP5000 with built-in OMNIKEY 5321**	Fargo HDP5000 with built-in OMNIKEY 5421**
✓	✓	✓	✓	✓	✓

NOTE

**Supported for Single printing and encoding, and Batch printing and encoding

5.16 Enrolment Reader Compatibility

5.16.1 USB Enrolment Readers

USB-RIF/2	CardMan 5321	CardMan 5421
✓	✓	✓

NOTE

The USB-RIF itself is not a reader, but a device to which a reader may be connected. Once connected the USB-RIF will convert the readers output into a USB signal for connection to a PC. Also note the USB-RIF only supports certain reader types.

The USB-RIF has severe restrictions with reading card types. It can read 26bit Wiegand, 32 bit Wiegand and all Siemens Clock/Data formats. No other formats are supported.

5.17 Card Format Compatibility

5.17.1 Reader Connection Types

Wiegand	RS-485	RS-232	Clock & Data
✓	✓	✓	✓

NOTE

(DRI Version D1) does not support the connection of RS-232 type readers.

5.17.2 Siemens Proprietary Card Formats

CerPass/SiPass RS-485	Siemens Corporate Card	31-bit STG	36-bit Asco	Siemens 52-bit
✓	✓	✓	✓	✓

5.17.3 Proximity Formats

26-bit (industry standard)	36-bit ASCO	27-bit Indala	27-bit Cotag	HID Corporate 1000/2000	Custom Wiegand	34-bit Europlex	37-bit REMEC
✓	✓	✓	✓	✓	✓	✓	✓

5.17.4 Smart Card Formats

32-bit CSN (CSN32)	40-bit CSN (CSN40)	26-bit Standard * (stored in sector)	ASCO 36-bit	HID* iCLASS UID
✓	✓	✓	✓	✓

NOTE

*SiPass integrated supports CSN, UID, and Data on-card for iCLASS HADP readers. Please note that the format for Data on-card should be a maximum of 8 bytes of binary data (no special format, just a 64-bit card number).

5.18 Card Reader Compatibility

5.18.1 Readers Supporting the DESFire EV1 Card Technology

Siemens RS485 UID	Siemens Reader Clk/Data UID	Siemens Reader Clk/Data Extended
✓	✓	✓

AR40S-MF	AR10S-MF	AR41S-MF	AR11S-MF
✓	✓	✓	✓

NOTE

The above readers are all mapped to the Siemens Reader Card Technology, and become available with the Siemens RS485 Clk / Data reader license. They can be configured on the FLN Configuration dialog of SiPass integrated.

The AR readers should be configured with Siemens OSDP NGCR (76).

5.18.2 HID Proximity, iCLASS (SE), iCLASS Seos and Mifare Classic/DESFire

ProxPro	ProxPro + Keypad	ThinLine II	ProxPoint Plus
✓	✓	✓	✓

*HID iCLASS SE (OSDP) RKL550	*HID iCLASS SE (OSDP) RP10	*HID iCLASS SE R10	*HID iCLASS SE (HADP/OSDP enabled) R(P)15	*HID iCLASS SE (HADP/OSDP enabled) R(P)30
✓	✓	✓	✓	✓

*HID iCLASS SE (HADP/OSDP enabled) R(P)40	*HID iCLASS SE (HADP/OSDP enabled) R(P)K 40	*HID iCLASS SE (HADP/OSDP enabled) RKL550
✓	✓	✓

HID Global iCLASS SE OSDP readers listed can support either OSDP v1 or v2.
OSDP v2 introduces the following features:

- Secure Channel
- Transparent Mode
- Biometric functions

Form Factor	Low Frequency (125 kHz) Interpreter	High Frequency (13.56 MHz) Interpreter	Communication Protocol	Connection Style	SE Part No.	Description
R10 / RP10 - Mini Mullion	N - No Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	Wiegand Output (default)	Pigtail Cable - 18in. (0.45m)	900NTNNEK00000	RDR, R10, ICLASS, SE REV E, NO PROX, STD, WIEGAND, PIG, BLK, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, 32 BIT
R10 / RP10 - Mini Mullion	N - No Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	Wiegand Output (default)	Terminal Strip Connection	900NTNTEK00000	RDR, R10, ICLASS, SE REV E, NO PROX, STD, WIEGAND, TERM, BLK, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, 32 BIT
R10 / RP10 - Mini Mullion	N - No Prox	iCLASS (SE)/Seos/MIFARE DESFire(Sector)	Wiegand Output (default)	Pigtail Cable - 18in. (0.45m)	900NWNNEK00324	RDR, R10, ICLASS, SE E, LF OFF, HF STD/SIO/SEOS/MIGR, WIEG, PIG, BLK, HF MIGR PFL EVP00000, IPM OFF
R10 / RP10 - Mini Mullion	N - No Prox	iCLASS (SE)/Seos/MIFARE DESFire(Sector)	Wiegand Output (default)	Terminal Strip Connection	900NWNTEK00324	RDR, R10, ICLASS, SE E, LF OFF, HF STD/SIO/SEOS/MIGR, WIEG, TERM, BLK, HF MIGR PFL EVP00000, IPM OFF
R10 / RP10 - Mini Mullion	N - No Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	OSDP (RS485 Half Duplex)	Pigtail Cable - 18in. (0.45m)	900NTPNEK0007V	RDR, R10, ICLASS, SE E, LF OFF, HF STD/SIO/SEOS, 485HDX, PIG, BLK, STD-1, A/V OFF, OSDP V1, OPN COL, OSDP TAMP ENBLD, TEST KEY, POLL=75MS, CSN 32-BIT MSB, IPM OFF, UART OFF, WIEG OFF
R10 / RP10 - Mini Mullion	N - No Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	OSDP (RS485 Half Duplex)	Terminal Strip Connection	900NTPTEK0007V	RDR, R10, ICLASS, SE E, LF OFF, HF STD/SIO/SEOS, 485HDX, TERM, BLK, STD-1, A/V OFF, OSDP V1, OPN COL, OSDP TAMP ENBLD, TEST KEY, POLL=75MS, CSN 32-BIT MSB, IPM OFF, UART OFF, WIEG OFF
R10 / RP10 - Mini Mullion	P - HID Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	OSDP (RS485 Half Duplex)	Pigtail Cable - 18in. (0.45m)	900PTPNEK00387	RDR, RP10, MULTICLASS, SE E, LF STD, HF STD/SIO/SEOS, 485HDX, PIG, BLK, STD-1, A/V OFF, OSDP V1, OPN COL, OSDP TAMP ENBLD, TEST KEY, POLL=75MS, CSN 32-BIT MSB, IPM OFF, UART OFF, WIEG OFF

Form Factor	Low Frequency (125 kHz) Interpreter	High Frequency (13.56 MHz) Interpreter	Communication Protocol	Connection Style	SE Part No.	Description
R10 / RP10 - Mini Mullion	P - HID Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	OSDP (RS485 Half Duplex)	Terminal Strip Connection	900PTPTEK00387	RDR, RP10, MULTICLASS, SE E, LF STD, HF STD/SIO/SEOS, 485HDX, TERM, BLK, STD-1, A/V OFF, OSDP V1, OPN COL, OSDP TAMP ENBLD, TEST KEY, POLL=75MS, CSN 32-BIT MSB, IPM OFF, UART OFF, WIEG OFF
R10 / RP10 - Mini Mullion	P - HID Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	Wiegand Output (default)	Pigtail Cable - 18in. (0.45m)	900PTNNEK00000	RDR, RP10, MULTICLASS, SE REV E, STD PROX, STD, WIEGAND, PIG, BLK, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, 32 BIT
R10 / RP10 - Mini Mullion	P - HID Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	Wiegand Output (default)	Terminal Strip Connection	900PTNTEK00000	RDR, RP10, MULTICLASS, SE REV E, STD PROX, STD, WIEGAND, TERM, BLK, STD 1 SE-CURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, 32 BIT
R10 / RP10 - Mini Mullion	P - HID Prox	iCLASS (SE)/Seos/MIFARE DESFire(Sector)	Wiegand Output (default)	Pigtail Cable - 18in. (0.45m)	900PWNNEK00324	RDR, RP10, MULTICLASS, SE, LF STD, HF STD/SIO/SEOS/MIGR, WIEG, PIG, HF MIGR PFL EVP00000, IPM OFF
R10 / RP10 - Mini Mullion	P - HID Prox	iCLASS (SE)/Seos/MIFARE DESFire(Sector)	Wiegand Output (default)	Terminal Strip Connection	900PWNTEK00324	RDR, RP10, MULTICLASS, SE, LF OFF, HF STD/SIO/SEOS/MIGR, WIEG, TERM, HF MIGR PFL EVP00000, IPM OFF
R95A - Décor		iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	Wiegand Output (default)	Terminal Strip Connection	95ANTNTEG00000	RDR, R95A DECOR RDR, EURO FLUSH MOUNT, NO PROX, STD, WIEGAND, TERM, GRY, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, 32 BIT
R95A - Décor		iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	Wiegand Output (default)	Terminal Strip Connection	95ANTNTEK00000	RDR, R95A DECOR RDR, EURO FLUSH MOUNT, NO PROX, STD, WIEGAND, TERM, BLK, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, 32 BIT
R95A - Décor		iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	Wiegand Output (default)	Terminal Strip Connection	95ANTNTEW00000	RDR, R95A DECOR RDR, EURO FLUSH MOUNT, NO PROX, STD, WIEGAND, TERM, WHT, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, 32 BIT

Form Factor	Low Frequency (125 kHz) Interpreter	High Frequency (13.56 MHz) Interpreter	Communication Protocol	Connection Style	SE Part No.	Description
R95A - Décor		iCLASS (SE)/Seos/MIFARE DESFire(Sector)	Wiegand Output (default)	Terminal Strip Connection	95ANWNTEK0048B	RDR, RS95A, DECOR RDR, EURO FLUSH MOUNT, ICLASS, SE E, LF OFF, HF STD/SIO/SEOS/MIGR, WIEG, TERM, BLK, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, CSN MIF SUPPR, IPM OFF MIGR PFL EVP00000
R95A - Décor		iCLASS (SE)/Seos/MIFARE DESFire(Sector)	Wiegand Output (default)	Terminal Strip Connection	95ANWNTEW0048B	RDR, RS95A, DECOR RDR, EURO FLUSH MOUNT, ICLASS, SE E, LF OFF, HF STD/SIO/SEOS/MIGR, WIEG, TERM,WHITE, LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, CSN MIF SUPPR, IPM OFF MIGR PFL EVP00000
R95A - Décor		iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	OSDP (RS485 Half Duplex)	Terminal Strip Connection	95ANTPTEG0007V	RDR, R95A DECOR RDR, EURO FLUSH MOUNT, LF OFF, HF STD/SIO/SEOS, 485HDX, TERM, GRY, A/V OFF, OSDP V1, OPT TAMP, OPEN COLL, OSDP TAMP ENBLD, TEST KEY, POLL=75MS, CSN 32-BIT MSB, IPM OFF, UART OFF, WIEG OFF
R95A - Décor		iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	OSDP (RS485 Half Duplex)	Terminal Strip Connection	95ANTPTEK0007V	RDR, R95A DECOR RDR, EURO FLUSH MOUNT, LF OFF, HF STD/SIO/SEOS, 485HDX, TERM, BLK, A/V OFF, OSDP V1, OPT TAMP, OPEN COLL, OSDP TAMP ENBLD, TEST KEY, POLL=75MS, CSN 32-BIT MSB, IPM OFF, UART OFF, WIEG OFF
R95A - Décor		iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	OSDP (RS485 Half Duplex)	Terminal Strip Connection	95ANTPTEW0007V	RDR, R95A DECOR RDR, EURO FLUSH MOUNT, LF OFF, HF STD/SIO/SEOS, 485HDX, TERM, WHT, A/V OFF, OSDP V1, OPT TAMP, OPEN COLL, OSDP TAMP ENBLD, TEST KEY, POLL=75MS, CSN 32-BIT MSB, IPM OFF, UART OFF, WIEG OFF
RK40 / RPK40 - Wall Switch Keypad	N - No Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	Wiegand Output (default)	Pigtail Cable - 18in. (0.45m)	921NTNNEK00000	RDR, RK40, ICLASS, SE REV E, KPD, NO PROX, STD, WIEGAND, PIG, BLK, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, KPF-4-BIT, 32 BIT
RK40 / RPK40 - Wall Switch Keypad	N - No Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	Wiegand Output (default)	Terminal Strip Connection	921NTNTEK00000	RDR, RK40, ICLASS, SE REV E, KPD, NO PROX, STD, WIEGAND, TERM, BLK, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, KPF-4-BIT, 32 BIT

Form Factor	Low Frequency (125 kHz) Interpreter	High Frequency (13.56 MHz) Interpreter	Communication Protocol	Connection Style	SE Part No.	Description
RK40 / RPK40 - Wall Switch Keypad	N - No Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	OSDP (RS485 Half Duplex)	Pigtail Cable - 18in. (0.45m)	921NTPNEK0016H	RDR, RK40, ICLASS, SE E, LF OFF, HF STD/SIO/SEOS, 485HDX, PIG, BLK, STD-1, A/V OFF, OSDP V1, OPN COL, OSDP TAMP ENBLD, TEST KEY, POLL=75MS, CSN 32-BIT MSB, KPF, ASCII, BFFRD 1 KEY, IPM OFF, UART OFF, WIEG OFF
RK40 / RPK40 - Wall Switch Keypad	N - No Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	OSDP (RS485 Half Duplex)	Terminal Strip Connection	921NTPTEK0016H	RDR, RK40, ICLASS, SE E, LF OFF, HF STD/SIO/SEOS, 485HDX, TERM, BLK, STD-1, A/V OFF, OSDP V1, OPN COL, OSDP TAMP ENBLD, TEST KEY, POLL=75MS, CSN 32-BIT MSB, KPF, ASCII, BFFRD 1 KEY, IPM OFF, UART OFF, WIEG OFF
RK40 / RPK40 - Wall Switch Keypad	P - HID Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	OSDP (RS485 Half Duplex)	Pigtail Cable - 18in. (0.45m)	921PTPNEK00385	RDR, RPK40, MULTICLASS, SE E, LF STD, HF STD/SIO/SEOS, 485HDX, PIG, BLK, STD-1, A/V OFF, OSDP V1, OPN COL, OSDP TAMP ENBLD, TEST KEY, POLL=75MS, CSN 32-BIT MSB, KPF, ASCII, BFFRD 1 KEY, EM4102 32-BIT, IPM OFF, UART OFF, WIEG OFF
RK40 / RPK40 - Wall Switch Keypad	P - HID Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	OSDP (RS485 Half Duplex)	Terminal Strip Connection	921PTPTEK00385	RDR, RPK40, MULTICLASS, SE E, LF STD, HF STD/SIO/SEOS, 485HDX, TERM, BLK, STD-1, A/V OFF, OSDP V1, OPN COL, OSDP TAMP DISBLD, TEST KEY, POLL=75MS, CSN 32-BIT MSB, EM4102 32-BIT, KPF, ASCII, BFFRD 1 KEY, IPM OFF, UART OFF, WIEG OFF
RK40 / RPK40 - Wall Switch Keypad	P - HID Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	Wiegand Output (default)	Pigtail Cable - 18in. (0.45m)	921PTNNEK00000	RDR, RPK40, MULTICLASS, SE REV E, KPD, STD PROX, STD, WIEGAND, PIG, BLK, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, KPF-4-BIT, 32 BIT
RK40 / RPK40 - Wall Switch Keypad	P - HID Prox	iCLASS (SE)/Seos/MIFARE Classic/DESFire(CSN)	Wiegand Output (default)	Terminal Strip Connection	921PTNTEK00000	RDR, RPK40, MULTICLASS, SE REV E, KPD, STD PROX, STD, WIEGAND, TERM, BLK, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, KPF-4-BIT, 32 BIT

5.19 Card Technology Compatibility

The following card technologies are compatible with the Siemens AR range and other OSDP connected readers.

Siemens OSDP[1]	Siemens OSDP Custom[2]	Siemens OSDP Mifare Facility[3]	Siemens OSDP Sector 7 26-bit[4]
✓	✓	✓	✓

Siemens OSDP SiPort[5]	Siemens OSDP GID[6]	Siemens OSDP All HID Prox[7]	Siemens OSDP Raw	Generic OSDP
✓	✓	✓	✓	✓

NOTE

[1] All data from the reader is the card number. The license is as Siemens reader.

[2] Custom Wiegand profile. License is as Custom Wiegand.

[3] This is a Mifare Facility card, encoded by SiPass. The license is as Mifare Facility.

[4] This is a 26-bit wiegand card, as encoded by SiPass onto a smart card. The license is as Mifare 26-bit.

[5] The license is as Siemens SiPort

[6] This is a Siemens GID format. The license is as Siemens GID.

[7] This is equivalent to AllHidProx – Wiegand data encoded onto a smart card. The license is as the appropriate Prox. Card technology (This is useful for iCLASS MultiProx readers).

5.20 Morpho 4G V-Station Reader Compatibility

The following 4G V-Station reader (previously known as L1 reader) versions have been tested and verified as working with SiPass integrated:

4G V-Station Reader 4GSTSG Version 4.1.2.0
✓

NOTE

The fingerprint template layout is defined using the reader setup tool but the enrolment can be performed using SiPass.

The entire reader configuration is done with the reader setup tool, such as time schedules.

SiPass integrated supports card + fingerprint. It is not possible to use fingerprint-only as a credential in SiPass integrated.

Using 4G V-Station readers, multiple fingerprints can be encoded on the Mifare Classic and Mifare DESFire cards. In addition to storing the fingerprint image on the card, SiPass can also store multiple fingerprints in the database that can be retrieved if a card is lost.

5.21 Granta MK3 Reader PIN Pad Type Compatibility

SiPass integrated supports the Pin Pad types 1, 2 and 3. The type can be configured on the *FLN Configuration* dialog.

See Chapter 6 of the 4101-3 Controller *Installation Handbook* for information on Installation and Configuration.

1	2	3
4	5	6
7	8	9
★	0	#

Type 1

0	1	2	3
4	5	6	7
8	9	A	B
C	D	E	F

Type 2

1	2	3	A
4	5	6	B
7	8	9	C
0	F	E	D

Type 3

NOTE

- For the 4422 Swipe module and the 4322 Cotag module, the keypad type has to be selected on an extra Key tab during configuration.
- The system does not support entry of your own PIN for first-time use.
- An External Swipe reader, combined with a keypad, can be configured as an M43 Keypad Type.

5.22 Signature Capture Tablet Compatibility

The following signature tablet range has been tested and verified as working with SiPass integrated:

Topaz HSB (USB) signature capture pads	T-LBK460-HSB-R
✓	✓

5.23 Messaging System Compatibility

For venue booking email notifications configured with Exchange Server option, the following are the supported Exchange Server versions:

Microsoft Exchange Server 2007 (SP3) or newer
✓

NOTE

Email forwarding may not be supported or may not support the sending of emails externally, under certain corporate email conditions or specific corporate implementations.

5.24 Server Redundancy

The following server redundant software has been tested with SiPass integrated:

Stratus Technologies EverRunFT
✓

NOTE

The above software is recommended based on tests done with SiPass integrated. Contact Stratus Technologies directly for any support with the software.

- The redundancy is based completely on the hardware.
- The redundancy is not based on the SiPass services.

5.25 Offline Door System

The following Offline Door System has been tested with SiPass integrated:

SALTO **Version 12.02.09.214**
✓

NOTE

- The SHIP protocol **(version 1.8f)** should be enabled for this feature.
- Refer to the SALTO documentation for the maximum length of text or other potential limitation.
- SiPass supports up to 40 characters for naming entities (like Cardholder First Name and Last Name, Access Level, Access Groups and Time Schedules) and this can be lesser in SALTO. If the entity name in SiPass integrated is longer than the naming character limit in SALTO, the name will be truncated before being sent to SALTO. After truncation, if the name is duplicated in SALTO, it results in an error (logged in SiPass server log file) and the information is not sent.
- The maximum number of time schedules is 65000 in SiPass integrated and 256 in SALTO. These time schedules are the ones having a value of 1-256 in the **Time Schedule No.** field on the Time Schedule dialog. Hence, any time schedule having a number less than 256 can be used for the SALTO system.
- The maximum number of holiday types is 8 in SiPass integrated and 3 in SALTO. Hence, only the holiday types 1-3 in SiPass system can be used for SALTO.
- The maximum number of offline doors that can be assigned to one cardholder is 96 in SALTO. To configure more, the doors must first be added to a zone in the SALTO system (up to 1000 doors per zone and 1000 zones per system).and then the zone can be assigned to the cardholder in SiPass integrated (multiple zones can be assigned to a cardholder).

5.26 Third Party Visitor Management

The following third-party Visitor Management System has been tested with SiPass integrated:

Easy Lobby **Version SVM 10.0**
✓

NOTE

See the Easy Lobby Integration Setup Guide for more details. This can be found on the integration bundle from HID.

The Easylobby integration requires one SiPass integrated HR API client license.

5.27 Virtualization

Citrix XenApp Version 6.0	Microsoft Windows Server 2008 Terminal Services	Microsoft Windows Server 2012 Terminal Services
✓	✓	✓

NOTE
It is highly recommended that your system is based on suitable hardware and system specifications.

5.28 For more information…

Contact:

Europe:

support.eu.i-bt@siemens.com

South and North America:

support.us.i-bt@siemens.com

Asia:

support.ap.i-bt@siemens.com

6 Known Issues

The issues listed below are existing till SiPass integrated MP2.65 SP4. For more information on Known Issues for any previous release, refer to the Release Notes document for that release.

Issue	Summary
ACC	For ACC5100 (G1) controller, the firmware support and integration into SiPass integrated is now limited. There is a known limitation that any external Compact Flash card (supported from MP2.4 until MP2.65) being added must be the SANDISK brand, no larger than 2 GB in size and formatted as FAT 16.
ACC Time Zone	If the time zone assigned to the ACC is changed, this is not automatically downloaded to the controller. The user must initialize the affected ACC for the change to take place.
Cardholder and Access Management	Readers assigned to a hard Anti Passback (APB) area should not also be assigned to a Timed Re-entry area to prevent any possible errors.
Daily Operation	When creating a custom command to launch an executable file and assigning it to a toolbar in SiPass integrated, a command with extra parameters is not supported.
Installation	In case of Windows 8 and Windows Server 2012 R2, the SiPass license details cannot be modified from the Windows Control Panel. For this, the SiPass setup executable file must be run directly.
Installation	License modification is not successful until operator restarts the SiPass Server service manually.
Integration	MM8000 will not work if there are any non-printing control characters in any component name.
Integration	Only upper case alphabets are supported for MM8000 login password . Numbers and special characters can be used, as required.
Site Plan	Adding a flag (with more than 40 characters in the name) to a site plan can cause SiPass server to stop working.

Issue	Summary
Reporting	If you restore the database from a version of SiPass integrated earlier than MP2.65 SP3, any customized filter criteria will be lost for the following predefined cardholder search reports: • Cardholders access policies • All Cards • Cardholders Fields • Cardholders Workgroup • Cardholders Concise **Note:** You can keep filter criteria by moving them to new customized reports as below: • Create new customized reports with those filter criteria on existing database. • Backup the database. • Restore database after upgrading.
SALTO Integration	The SALTO connection status (Online/Offline) is updated only when a synchronization is done. If the SALTO system goes offline between the last synchronization and the next, the status is not automatically updated in SiPass integrated.
SALTO Integration	If time intervals are modified by SALTO, the new access conditions are not applied to SiPass integrated. The access can still be granted at times not part of the new time schedule.
System Setup	E-mail Message Forwarding function is currently not supported when the Secure Socket Layer (SSL) security protocol is enabled in SMTP settings.
Video	If the "Popup Windows on Top" option is selected in System Preferences, all popup windows (such as DVR playback dialog) will be displayed in front of any other windows. If any other dialog is opened, it will stay behind the popup window, not allowing the user to make any changes, as well as disabling the popup window in front. In such a case, pressing the 'Esc' key to close the dialog at the back, or deselecting the 'Popup Windows on Top' option afterwards will resolve the problem. **Note:** *DVR Playback* dialog will always be displayed on top in SiPass integrated.
Video	The "Image verification Snapshot" function might not work with some HD IP cameras (such as Bosch and Axis HD IP cameras). However, the Live Video function works normally.
Web Client	Attachment control is not supported by SiPass integrated web client.
Web Client	Cardholders with GID credentials cannot be updated (can be viewed) with SiPass integrated Web Client.

6.1.1 Issues when upgrading from earlier versions of SiPass integrated

Issue	Summary
Cardholder and Access Management	When upgrading from SiPass integrated versions MP2.65 / MP2.65 SP1 to MP2.65 SP4, any attachments associated with the cardholders are not available for viewing (while the Cardholder Custom Attachment control is enabled).
Daily Operation	When upgrading from SiPass integrated versions earlier than MP2.65 SP3, some settings for System Preferences are not retained. The Enrolment Reader configuration must also be done again after the upgrade.*
Database	When restoring from a SiPass integrated version earlier than MP2.65 SP4, the existing Recurrence Venue booking series opens like a 'single appointment' booking.
Installation	When upgrading from SiPass integrated versions earlier than MP2.65 SP3, the **CCTV** option in Program menu and **CCTV Operation** option in Operation menu are disabled. After the upgrade, follow the steps below to resolve this issue: • Go to Control Panel > Programs and Features • Right-click SiPass integrated and select *Change* from the menu options. • Select *Modify* in the SiPass integrated setup and click *Next* till you reach the dialog listing the SiPass integrated features. • Expand the *Client* option in the tree. • Click **CCTV** and select *This feature will not be available* from the menu options. • Click *Install* and then *Finish*. • Repeat the above steps but this time, for the CCTV feature, select *This feature will be installed on local hard drive*. • Click *Install* and then *Finish*.
Localization	Any text localized (translated) between the SiPass integrated service packs will not be displayed after an upgrade. A fresh install must be performed to display all localized content on screen.

*To prevent these issues , it is recommended that you backup the existing SiPass database, uninstall SiPass integrated, install SiPass integrated MP2.65 SP4 and then restore the database.

7 Enhancements and Quality Improvements for SiPass integrated MP2.65 SP4

The sections that follow outline the improvements and fixes made since SiPass integrated MP2.65 SP3 was released.

7.1 Enhancements

The following sections provide a summary of the enhancements to SiPass integrated MP2.65 in Service Pack 4.

Enhancement	Summary
ACC Controller	Improved system performance with the User Count being no longer broadcasted to all the ACCs in the Anti Passback cluster, each time a cardholder enters or exits an area.
Cardholder and Access Management	A cardholder can be given exclusive access permissions that override the standard assigned access for the time period that venue is booked for that cardholder. The new column - *Override Standard Access Rights* in the Venue report displays this information.
Device Firmware	The RIM devices are now more compatible with OSDP readers from other manufacturers. For example, the LED configuration/control has a single multi-colored LED by default on LED number 0.
Device Firmware	SiPass integrated now supports revision number for Remec cards. This is achieved by allowing reading and modification of the revision field for credentials if their credential profile is configured with "Custom Card" card technology.
Integration	The status of all objects of a specific type can be retrieved through the Management Station API.
Reporting	SiPass integrated provides the following new reports: • Cardholders Access Policies (Custom Fields) • Audit Trail - Access Cardholders Detail (Custom Fields)
System Setup	SiPass integrated now supports 3G/4G modems for message forwarding.

7.2 Fixed Issues

This section details known issues fixed in SiPass integrated MP2.65 SP4.

Type	Description
ACC	Fixed performance issues with Anti Passback areas that resulted in delayed access at some points.
ACC	In few cases, when Initialization failed for an ACC, the peer-to-peer communications remained disabled after restarting the ACC. If this unit was part of an Anti Passback area cluster, all the messages from the peer units in the cluster were queued, slowing down performance.
ACC	When upgrading from SiPass integrated versions earlier than MP2.65 SP3, some FLN devices with a hardware fault remained unlocked permanently after badging a valid card.
ACC	The "unlock latch" trigger command sent to the exit reader at an access point also triggered the entry reader.
ACC	The LED behavior was not similar to the typical known behavior when Entro hardware was connected to SiPass integrated.
ACC	After valid REX access, the door close operation was missed, resulting in failure to report a "door forced" event when the door was opened next (without REX activation)
Cardholder and Access Management	After upgrading from SiPass 2.65 SP1 to 2.65 SP2 in French locale, the operator group could not access some of the assigned functions.
Cardholder and Access Management	When upgrading from SiPass integrated versions earlier than MP2.65 SP3, Cardholders created with images (in MP2.65 SP1) were displayed without images in the Definition tab on Cardholder dialog. These cardholders were also not listed in the Cardholders with Images report.
Cardholder and Access Management	When upgrading from SiPass integrated versions earlier than MP2.65 SP2, the existing holidays were not displayed in the *Holidays* dialog.
Cardholder and Access Management	For holidays with a 24-hour time period, the time details were not correctly downloaded to ACC.
Cardholder and Access Management	When voiding a card or cardholder through an actionable report, the change was saved in database but was not uploaded to the ACC.

Type	Description
Cardholder and Access Management	The cardholder *Read* and *Search* function stopped working when the cardholder dialog was closed and reopened.
Cardholder and Access Management	The last updated date and time status was not updated on the Visitor dialog while “Issuing" or “Returning" a visitor card.
Cardholder and Access Management	Fixed the incorrect barcode printing of base card number field.
Cardholder and Access Management	After upgrading to SiPass integrated MP2.65 SP4, the Start time and End time in Holiday Type 3 to Holiday Type 8 were set to 00:00 for default System Function time schedule.
Cardholder and Access Management	After restoring the database from a SiPass integrated version earlier than MP2.65 SP4, the Start time and End time in Holiday Type 3 to Holiday Type 8 were set to 00:00 for default System Function time schedule.
Cardholder and Access Management	A smart card profile assigned to a cardholder was visible after it was un-assigned from that cardholder.
Cardholder and Access Management	When upgrading from a SiPass integrated version earlier than MP2.65 SP4, an error was displayed on clicking a restored holiday.
Cardholder and Access Management	The Access rights tabs did not show any value for all cardholders, not allowing to set a filter. The report columns in Cardholder dialog did not match the configured columns in SiPass reporting.
Cardholder and Access Management	If the access level contained an empty access point group, the access group was sent to the newly added ACC.
Database	Fixed issues with database deadlocks reported in SQL server logs.
Database	On some operating system environments where the regional settings were not set to English, upgrading from a SiPass integrated version earlier than MP2.65 SP3 caused the Database restore process to fail, or no tabs appeared on the cardholder dialog after the restore.
Database	When restoring from a SiPass integrated version earlier than MP2.65 SP4, the recurrence for a venue booking could not be opened. **Note:** Contact *Customer Support* in case of any issues while performing the following activities: • Restoring the backup • Creating new recurring venue bookings

Type	Description
Daily Operation	In few cases, the operator actions and events were not logged in SiPass audit trail against the correct operator name.
Daily Operation	Access points associated with Venue booking were displayed incorrectly in "Cardholder Point Details" and "Cardholder Point Concise" reports.
Daily Operation	When upgrading from SiPass integrated versions earlier than MP2.65 SP3, the **Holidays** item in the Program menu was disabled.
Daily Operation	Fixed memory and handle leak issues in SiPass Server caused by the following: • Interlocking dialog • APB dialog • Unit and reader dialog • Backup\Restore • Reporting • Advanced Security Programming • Site plan runtime mode with counters and timers
Device Firmware	With DRI Firmware version 3.39, the AR618X-MX reader turned Offline frequently, getting back Online in a few seconds.
Installation	When upgrading from SiPass integrated versions earlier than MP2.65 SP3, the *Attachment Control* (**Select** and **Clear** button) in Custom Page was disabled.
Installation	Information about SiPass MP2.65SP3 was not displayed correctly in the Database Analysis - General Report.
Integration	Door commands sent from MM8000 did not function properly, requiring it to be sent again till executed by SiPass.
Localization	Traditional Chinese characters were displayed incorrectly on installing SiPass integrated MP2.65 SP3 English (on Traditional Chinese Operating System).
Reporting	Sometimes, when multiple reports were run using the same base report from different operator workstations at the same time, no results were shown in the reports.
SALTO Integration	When time intervals were modified by SALTO, the new access conditions were not applied to SiPass integrated. The access was granted at times not part of the new time schedule.

Type	Description
SALTO Integration	Fixed the upload conflicts caused by validation exceptions during Salto upload.
System Setup	Fixed error while configuring the 'Venue Booking as ASP Event Trigger' functionality.
System Setup	The operator expire date is no longer set to current date by default.
System Setup	After modifying the Maximum Cardholders field, the load cardholder count and load workgroup count did not match in the *Anti Passback* dialog.
System Setup	When searching for specific points from a point group (like input groups), the Search filter was used to narrow the Selected entities (which removed some entities from the results). If this Search filter was not cancelled before saving the group, all entities except those contained by the filter were removed.
Web Client	In French locale, a Visitor/Cardholder having the same card number but two credential profiles for different card technologies, could not be validated/voided through the Web Client.

8 Keyword index

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