

**ReadykeyPRO<sup>®</sup> Unlimited**

**Version 6.5**

**Release Notes**

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## 1. ReadykeyPRO Unlimited (6.5)

This document provides an overview about the release and a list of the new features and known issues. For a list of resolved issues, refer to the Resolved Issues document. For a list of limitations, refer to the Limitations document.

Installation instructions are available in portable document format (PDF) on the ReadykeyPRO disc in the ..\Program Files\ReadykeyPRO\doc\ folder in the appropriate language sub-folder. For example, English documents are located in the en-US sub-folder. On 64-bit operating systems, the installation instructions are in the ..\Program Files (x86)\ReadykeyPRO\doc\ folder. ReadykeyPRO Unlimited (6.5) from this point forward will be referred to as ReadykeyPRO Unlimited.

ReadykeyPRO clients purchased from Bosch no longer ship with the ReadykeyPRO software DVD. ReadykeyPRO installation and supplemental DVDs are now available for download directly from the Bosch Web site: <http://www.boschsecurity.us/en-us/readykeypro>. (You will need your Bosch login to gain access to this site.) Download the ReadykeyPRO software and create a master DVD for all of your client installations.

Bosch Training provides instructor-led courses. For more in depth knowledge on these new features in ReadykeyPRO Unlimited. The training is available for Value ReadykeyPRO certified dealers. Please visit the Bosch Web site for more details and schedules.

### 1.1. Supported Operating System Requirements Now Enforced

The installation or upgrade of ReadykeyPRO Unlimited will be blocked on any operating system version not specifically listed as supported in section 2.6, Supported Operating Systems.

To install ReadykeyPRO Unlimited, upgrade to a supported operating system and service pack.

### 1.2. Upgrades

Direct upgrades of the ReadykeyPRO software are supported for all currently supported versions of ReadykeyPRO. For versions prior to ReadykeyPRO Unlimited Version 5.12.012, an incremental upgrade will need to be performed to get to 5.12.012. Systems from 5.12.012 and newer can and should be upgraded directly.

#### 1.2.1. End of Life Products Must Be Deleted PRIOR to Upgrade

The Database Incompatibility Wizard will run during an upgrade and perform the following checks:

1. Checks for existing configuration data that must be manually removed before the upgrade can continue. Installation cannot proceed if any of the following are detected:

#### Hardware

- AAD Readers
- AMD-12 Input Panels
- Apollo Hardware
- Asset Reader Interfaces
- Cisco AIC Hardware
- Digitize CAPSII Receivers
- Identix Fingerscan V20 Readers
- LNVS Hardware

#### Smart Card Formats

- Cartographer Smart Card Format
- CombiSmart Smart Card Format
- GSC (DESFire) Smart Card Format
- GuardDog Smart Card Format
- IE Smart Touch Smart Card Format
- Offline Guest Smart Card Format
- TI Access Control Smart Card Format
- UltraScan Smart Card Format
- Windows Certificate Smart Card Format

2. Warns that any existing custom reports and DataExchange scripts may not work after upgrade (if they exist). User is prompted as to whether or not they would like to continue installing ReadykeyPRO.
3. Warns the user about the existence of the following biometric data that is automatically removed by Database Setup. User is prompted as to whether or not they would like to continue installing ReadykeyPRO.
  - Identix Fingerprint Templates
  - Ultrascan Fingerprint Templates
  - Biocentric Fingerprint Templates
4. Warns the user, if STENTOFON audio server is configured, that they will need to install the STENTOFON add-on after upgrading ReadykeyPRO. This prompt does not allow the user to stop the upgrade. It is simply an informative message.

### 1.2.2. Upgrading from ReadykeyPRO versions Earlier than ReadykeyPRO (5.11.216)

If upgrading a database from versions of ReadykeyPRO earlier than ReadykeyPRO 2005 Second Edition (5.11.216), the installation utility notifies you that it cannot perform the upgrade because the database is too old. The solution is to go to <http://www.boschsecurity.us/en-us/readykeypro> and then click Software Downloads > Legacy Database Setup, read the Readme file, and then download and unzip the 5.11.216 Database Setup file. Run the **StpDB.exe** file, and then run Database Setup again.

### 1.2.3. Badge Design Programming with List Builder Lists Will Not Function in BadgeDesigner After Upgrade from ReadykeyPRO (5.12.110) or Earlier (OG-15935)

Any badge layout programming configured in BadgeDesigner that uses controlling fields with List Builder lists will not function after an upgrade from ReadykeyPRO (5.12.110) or earlier. This may cause the badge design for newly printed badges that use any UDF drop-down fields configured with List Builder to be incorrect. To resolve this issue, run the Program Badge Repair Utility located at **\Program Files\ReadykeyPRO\ProgramBadgeRepairUtility.exe** after running Database Setup to upgrade your database.

## 2. Versioning Information

### 2.1. **Current Access Series (LNL) Firmware and Special Application Versions**

- RKP-500/1000/2000 ISC Version v3.120
- RKP-2210/2220/3300 ISC Version v1.143
- RKP-1100/1200 Series 1 Version v1.04
- \*RKP-1100/1200 Series 2 Version v1.31
- RKP-1320 Series 1 Version v1.13
- \*RKP-1320 Series 2 Version v1.51
- RKP-1300 Series 1 Download not supported
- \*RKP-1300 Series 2 Version v1.51

**\*Important:** Before downloading the firmware in this release to downstream Bosch access control boards, please ensure that DIP switch or jumper 8 is in the OFF position. Failure to take this step will result in an inability to communicate to these boards until the switch or jumper position is corrected, and may therefore affect normal operation of your system. By default, boards are shipped with DIP switch or jumper 8 in the OFF position.

### 2.2. **Minimum System Hardware Requirements**

- Pentium IV 1 GHz Processor
- 2 GB RAM
- DVD-ROM
- USB Port
- 1024x768 color display
- 6 GB of available space

### 2.3. **Supported Operating Systems**

The following products have been approved with the listed operating systems and system service packs. All new systems shipped from Bosch will include at least these service pack versions. **OPERATING SYSTEM REQUIREMENTS ARE NOW ENFORCED.** Installations attempted on other operating systems will not run.

**Note:** ReadykeyPRO is a 32-bit application that can be run on some 64-bit systems. 64-bit systems are only supported as listed in this section.

**Note:** Windows Vista is no longer supported with ReadykeyPRO.

For an up-to-date list of tested operating systems and service packs, refer to the compatibility charts on the Bosch Web site: <http://www.boschsecurity.us/en-us/readykeypro>.

### 2.3.1. Windows XP Professional with Service Pack 3

Windows XP Professional is approved for ReadykeyPRO server and client operations.

Windows XP is not supported for use as the Web Application Server (LS Application Server service) because the number of client connections to IIS is limited in this operating system.

Windows XP 64-bit is NOT supported.

Windows XP SP3 is supported for communication with HID Edge Devices.

Windows XP SP3 will be called Windows XP, from this point forward, in the ReadykeyPRO Unlimited Release Notes.

### 2.3.2. Windows Server 2003 with Service Pack 2

Windows Server 2003 SP2 Standard is approved for all ReadykeyPRO server and client operations.

Windows Server 2003 64-bit is NOT supported.

Windows Server 2003 Standard is called Windows Server 2003, from this point forward, in the ReadykeyPRO Unlimited Release Notes.

### 2.3.3. Windows Server 2003 R2 with Service Pack 2

Windows Server 2003 R2 SP2 Standard is approved for all ReadykeyPRO server and client operations.

Windows Server 2003 R2 64-bit is NOT supported.

Windows Server 2003 R2 SP2 Standard is supported for communication with HID Edge Devices.

Windows Server 2003 Standard R2 SP2 will be called Windows Server 2003 R2, from this point forward, in the ReadykeyPRO Unlimited Release Notes.

### 2.3.4. Windows Server 2008 with Service Pack 2

Windows Server 2008 Standard is approved for all ReadykeyPRO server and client operations.

Windows Server 2008 SP2 32-bit and 64-bit are supported.

Windows Server 2008 SP2 32-bit is approved for use as an LNVR product host operating system.

Windows Server 2008 SP2 64-bit is approved for use as an LNVR product host operating system.

Windows Server 2008 SP2 Standard Edition 32-bit is supported for communication with HID Edge Devices.

Windows Server 2008 Standard will be called Windows Server 2008, from this point forward, in the ReadykeyPRO Unlimited Release Notes.

### 2.3.5. Windows Server 2008 R2 with Service Pack 1

Windows Server 2008 Standard is approved for all ReadykeyPRO server and client operations.

Windows Server 2008 R2 64-bit SP1 is supported.

Windows Server 2008 Standard is approved for use as an LNVR product host operating system.

Windows Server 2008 R2 SP1 is not supported for communication with HID Edge Devices.

Windows Server 2008 Standard will be called Windows Server 2008 R2, from this point forward, in the ReadykeyPRO Unlimited Release Notes.

### 2.3.6. Windows 7 with Service Pack 1

Windows 7 SP1 Professional and Ultimate are approved for all ReadykeyPRO server and client operations.

Windows 7 is not recommended for use as the Web Application Server (LS Application Server service) because the number of client connections to IIS is limited in this operating system.

Windows 7 SP1 Professional and Ultimate 32-bit and 64-bit are supported.

LNVR is not supported on Windows 7 64-bit. It is supported on Windows 7 32-bit.

Windows 7 is supported as host OS for LNVR, 32-bit only.

Windows 7 SP1 Professional and Ultimate will be called Windows 7, from this point forward, in the ReadykeyPRO Unlimited Release Notes.

### 2.3.7. Service Packs and Critical Patches

Please visit the Bosch Support site for a complete and up to date list of approved Microsoft Service Packs (Compatibility Charts section) and Critical Patches (MS Patches section): <http://www.boschsecurity.us/en-us/readykeypro>.

Read through this information carefully since it addresses **BOTH OPERATING SYSTEMS AND DATABASES**.

For all instances, Bosch **STRONGLY RECOMMENDS** enabling the uninstall option when installing the service pack. There have been rare instances where communications and database activity have been affected by the installation of a service pack. When these situations have occurred, uninstalling the service pack resolved the issues.

Bosch also **STRONGLY RECOMMENDS** backing up your database before performing any service pack installation.

## 2.4. Security Utility

Windows Firewall is supported by use of the Security Utility; other third-party firewalls are not supported.

The Security Utility allows ReadykeyPRO Unlimited users to take advantage of the capabilities of Windows. The utility must be run to ensure that the ReadykeyPRO software will continue to function properly. The utility automatically adjusts all settings that affect the ReadykeyPRO software. It also displays the current system settings, as well as a list of actions required for normal operation of Bosch software installed on the local computer.

**Note:** The Security Utility does not open database communication ports.

The Security Utility runs automatically during ReadykeyPRO, IVS, IVAS, Remote Monitor, and Device Discovery Console installations. It must be run manually as a maintenance procedure after any of the following changes have been made:

- Windows updates
- Windows service pack changes
- Windows security setting changes

## 2.5. Supported Database Systems

For an up-to-date list of tested database systems, refer to the compatibility charts on the Bosch Web site:

<http://www.boschsecurity.us/en-us/readykeypro>.

**Note:** When creating or modifying an ODBC connection on a 64-bit operating system, the location where the ODBC Data Sources are configured is different than on 32-bit operating systems:

- For 32-bit operating systems: Click Start, then navigate to Settings > Control Panel > Administrative Tools > Data Sources.
- For 64-bit systems: Navigate to **C:\windows\SysWOW64** and run the **odbcad32.exe** file.

2.5.1. Microsoft SQL Server 2005 Express SP4, 32-bit and 64-bit

2.5.2. Microsoft SQL Server 2005 SP4, 32-bit and 64-bit

**Note:** SQL Server 2005 requires .NET 4.0 as a prerequisite.

2.5.3. Microsoft SQL Server 2008 Express SP2, SP3, 32-bit and 64-bit

2.5.4. Microsoft SQL Server 2008 SP2, SP3, 32-bit and 64-bit

2.5.5. Microsoft SQL Server 2008 R2 Express SP1, 32-bit and 64-bit

**Note:** Microsoft SQL Server 2008 R2 Express SP1 is now installed with ReadykeyPRO for systems that do not have a database installed.

2.5.6. Microsoft SQL Server 2008 R2 SP1

## 2.6. Supported System Components

- Scan Shell SDK version 9.50.0
- MDAC (REQUIRED)



- Windows XP: MDAC 2.81
- Windows Server 2003: MDAC 2.82
- Windows Server 2008: MDAC 6.0c
- DirectX (REQUIRED)
- Windows XP and Windows Server 2003: DirectX 9c
- Windows Server 2008 and Windows 7: DirectX 10
- MSXML 6 (REQUIRED) - MSXML 6 is installed automatically with ReadykeyPRO.
- Adobe Flash Player 9 or later (REQUIRED for Visitor Management Host)
- Microsoft Silverlight 3.0 or later (REQUIRED for Visitor Administration)
- Microsoft .NET 4.0 (REQUIRED) - Microsoft .NET 4.0 is installed automatically with ReadykeyPRO when installing using the **setup.exe** file. To shorten the ReadykeyPRO installation time, install Microsoft .NET 4.0 (available on the Supplemental Materials disc) prior to installing ReadykeyPRO.

**Note:** If the Microsoft .NET 4.0 installation fails during the ReadykeyPRO installation on Windows Server 2008, you must run the System Update Readiness Tool available from Microsoft: <http://support.microsoft.com/kb/947821>. To prevent this issue, verify that the Windows Update service is turned on.

### 2.6.1. Internet Information Services (IIS)

IIS is REQUIRED for the Web Application Server.

- Windows Server 2003: IIS 5 and 6
- Windows Server 2008: IIS 7
- Windows Server 2008 R2: IIS 7.5

The following minimum settings are required for the browser-based applications to function properly:

- Common HTTP Features
  - Static Content
  - Default Document
  - Directory Browsing
  - HTTP Errors
  - HTTP Redirection
- Application Development
  - ASP.NET
  - .NET Extensibility
  - ISAPI Extensions
  - ISAPI Filters
- Security
  - Windows Authentication
  - Request Filtering
- Management Tools
  - IIS Management Console
  - IIS 6 Metabase Compatibility
  - IIS 6 WMI Compatibility

### 2.7. VMware Platforms

- VMware ESXi Server 4.1 and 5.0 for all ReadykeyPRO services and database server with software-based license only
- VMware Workstation 7.x

**Note:** VMware is supported for ReadykeyPRO standard systems.

### 2.8. Supported Third-party Components

- Crystal Reports XI (11 and 11.5) Release 2, Crystal Reports 12, Crystal Reports 14
- Adobe Reader 10.1.1

### 2.9. Antivirus Software Applications

Bosch does not certify any antivirus software to be used with ReadykeyPRO.

**Note:** Digital Video systems **MUST EXCLUDE ALL DATA DRIVES** from the antivirus scanning operations.

**Note:** The \LicenseServerConfig\Licenses folder on the License server should also be excluded, since it will sometimes corrupt the license file.

- McAfee Virus Scan  
McAfee Virus Scan can be recommended, but is not tested or certified at Bosch and is installed at the user's risk.
- Symantec Endpoint Protection  
Symantec Endpoint Protection is used internally at Bosch and can be recommended, but is not certified.
- Trend Micro OfficeScan Corporate Edition version 8.0  
Trend Micro OfficeScan can be recommended, but is not tested or certified at Bosch and is installed at the user's risk.

## 2.10. **Supported Web Browser**

- Internet Explorer 8.0 or 9.0 (REQUIRED for License Administration and Web applications)
- 32-bit version of Internet Explorer when using VideoViewer (Browser-based Client)

## 2.11. **Supported Terminal Services**

ReadykeyPRO Unlimited will support Terminal Services. This support is a licensed feature. Please refer to the Bosch Web site to review the current testing status before configuring terminal services. The Third Party Applications Compatibility Chart can be accessed at: <http://www.boschsecurity.us/en-us/readykeypro>.

- Citrix XenApp is not supported within Windows XP
- Citrix XenApp is not supported for viewing video.

## 2.12. **OPC Versions**

- OPC Data Access 2.0
- OPC Alarms and Events 1.0

## 2.13. **SNMP Versions**

- SNMPv1 Trap Messages are supported.
- SNMPv2 and SNMPv3 Trap messages are not supported.

## 2.14. **End of Life Products and Features**

Refer to section 1.2, Upgrades for the list of end of life products that need to be removed prior to upgrade. The following products and features have discontinued support in ReadykeyPRO Unlimited:

- 2.14.1. Assign to Elevator Control Level fields no longer supported: Enable Floor During Day Mode, Enable Floor When Using Facility Code
- 2.14.2. Biocentric Solutions
- 2.14.3. Digitize CAPS II Receiver
- 2.14.4. Disabling Assets: The feature for disabling assets has been discontinued. AAD and asset readers are no longer available for selection as reader types. The AMD Alarm Panel Type has been removed.
- 2.14.5. Gemplus MPCOS-EMV smart cards
- 2.14.6. GSC Cartographer Smart Card Application
- 2.14.7. GSC (DESFire) Smart Card Application
- 2.14.8. Identix
- 2.14.9. IE SmartTouch (MIFARE)
- 2.14.10. LS Otis Timezone Interface
- 2.14.11. Offline Guest Smart Card Format
- 2.14.12. Precision Access Exclusion Groups: Exclusion Groups are no longer available for selection. Under command programming, term fields and PIN+10/20 have been removed.
- 2.14.13. Smart Card Personalization: Smart Card Personalization was removed from the configuration wizards because Gemplus MPCOS-EMV smart cards are no longer supported.
- 2.14.14. Texas Instruments (TI) Access Control Application

- 2.14.15. Ultra-scan
- 2.14.16. Verisoft
- 2.14.17. Windows Certificate User Smart Card Format

### 3. New Features

#### 3.1. **General**

##### 3.1.1. Form Translator change

Form Translator was integrated into the necessary processes so that it will now run without any prompting. Form Translator is not integrated into Database Setup, so it is not required to run separately.

##### 3.1.2. Transparent Data Encryption

Transparent data encryption (TDE) is supported. TDE performs real-time I/O encryption and decryption of the database and database log files. (Standard ReadykeyPRO log files are not encrypted, and TDE does not provide encryption across communication channels.)

##### 3.1.3. Setup Assistant simplifies ReadykeyPRO installations

To simplify ReadykeyPRO installations and upgrades, Setup Assistant helps users with the configuration steps required before successfully logging into ReadykeyPRO. Setup Assistant launches automatically after the ReadykeyPRO installer finishes the installation or upgrade process.

The portions of the installation process that are incorporated into Setup Assistant include Security Utility, Database Installation Utility, License Administration, Database Setup, Form Translator, and Application Server configuration.

##### 3.1.4. Start menu program list simplified

The Windows Start menu program list for ReadykeyPRO has been organized into categories so that the list is condensed and simplified.

##### 3.1.5. Documentation menu simplified

The Documentation menu has been simplified. Also the Documentation and Help has been condensed into a single installable feature.

##### 3.1.6. Support for the 2D Aztec Bar Code in BadgeDesigner

ReadykeyPRO now has support for the 2D Aztec bar code in BadgeDesigner.

##### 3.1.7. Supplemental Materials Disc Supports Newest Version of ReadykeyPRO Only

Beginning with Revision 12, the Supplemental Materials disc will only contain support materials for the newest version of the ReadykeyPRO software; previous versions of the Supplemental Materials disc contained support materials for all supported versions of the ReadykeyPRO software. Previous versions of the Supplemental Materials disc are available for download on the Bosch Web Site.

#### 3.2. **Access Control**

##### 3.2.1. Stentofon Intercom is now an Accessory Add-on

The Stentofon Intercom, which was previously integrated into ReadykeyPRO, is now an accessory add-on.

##### 3.2.2. Alarm Monitoring on Multiple Windows

Alarm Monitoring can now be displayed on multiple windows. This will allow the user to manage multiple integrated hardware pieces from the Alarm Monitoring operating environment and improves the consistency and usability of the monitoring interface. The display mode of Alarm Monitoring windows can be toggled between standard and floating behavior. When a window is in the floating display mode, it can be positioned outside the main Alarm Monitoring window onto one or more monitors.

##### 3.2.3. Permissions User Interface enhancements

The user interface for Permissions has been updated as a usability enhancement and also includes the features of compare, search, and export. System Permission Groups, Cardholder Permission Groups, and Monitor Permission Groups have been converted for ease of

use into a tree structure allowing the user to view and update all permissions at once. Each permission is organized by category (previously sub-tabs). For example, in the System Permission Groups tree, the Cardholder, Visitor, and Directory accounts permissions display under Cardholders. Permissions can be configured individually or at the category level.

System, Cardholder, or Monitor Permission Groups can be compared against another or proposed changes can be compared to the existing group settings before saving.

The new Users Folder Search form can be used to view users granted specific permissions or users with specific permission groups.

An Export button has been added to the System, Cardholder, and Monitor Permission Groups forms that allow the user to export the currently selected permission group settings to a report in the Comma Delimited .csv file format. In the new Compare mode, the user can export the settings of the permission groups being compared. Search results can also be exported to a report in the Comma Delimited .csv file format.

### 3.2.4. Performance Improvement in Area Access Manager (Browser-based Client)

The performance of Area Access Manager (Browser-based Client) has been improved.

### 3.2.5. Elevator dispatching: Inter-floor Matrix tab added for passenger separation

The Inter-floor Matrix tab was added to the Elevator Dispatching Devices form. On this tab, you can allow the system to control passenger separation using the inter-floor matrix configuration. When enabled, the floors of a building can be configured into logically divided sections (floor groups) to prevent passenger requests between the designated sections of the building, and possibly, to separate passengers into different elevator cars based on their section membership. **Note:** This option is only available for version V2 DES (elevator terminal) devices.

### 3.2.6. Otis Compass V2 Integration: Inter-version control added for elevator dispatching devices

Otis Compass firmware version control has been added to the Elevator Dispatching Configuration Folder > Connection form. Select which version of DES (Destination Entry Server) or DER (Destination Entry Redirector) devices are installed on your system. Both V1 and V2 systems are supported. If version V1 does not support a feature, only the applicable information will be sent to the V1 devices (V2-specific settings will be ignored.)

### 3.2.7. Otis Compass V2 Integration: Differentiate between front or rear elevator door

Front or rear door differentiation is supported for elevator terminals associated with version V2 elevator dispatching devices. On the Cardholder Badge form, you can configure which Default door you want to associate with the Default floor when a badge is presented to the elevator reader. **Note:** The Default floor and Default door fields are not displayed on the Cardholder Badge form until elevator dispatching hardware is configured. **Important:** Ensure these additional fields do not interfere with existing fields on the Badge form. If necessary, use FormsDesigner to modify the form layout to accommodate the additions.

### 3.2.8. Otis Compass V2 Integration: PIN code control introduced for elevator terminals

The Enable PIN Code check box was introduced on the Elevator Terminal > Terminal Configuration form. Select to allow the cardholder to enter their personal identification number (PIN) at the DEC (elevator terminal). If a valid PIN code is entered, ReadykeyPRO sends the authorized floors to the DEC based on the badge's access levels. This option is only available for elevator terminals associated with a version V2 DES or DER.

### 3.2.9. Otis Compass V2 Integration: Elevator terminal events and alarm control added

An option to Enable Audits was introduced on the Elevator Terminal > Terminal Configuration form. Select to allow events to be sent from the DEC (elevator terminal) to Alarm Monitoring. **Note:** This option is only available for elevator terminals associated with a version V2 DES or DER.

### 3.2.10. Local I/O: Permanently activate/deactivate a timezone

A new Local I/O function (Timezone Override) was added for Bosch panels to allow permanent activation or deactivation of a timezone. In this case, the timezone will remain activated or deactivated until another activation or deactivation command is issued. The existing Local I/O function (Timezone Activate/Deactivate) only allows activation or deactivation until the next interval.

### 3.2.11. Monitor reader AUX input and output devices in the System Status window

Reader auxiliary input and output devices configured in ReadykeyPRO are now displayed in the Alarm Monitoring System Status window as well as the System Administration Hardware Tree.

Reader AUX input and output devices display with the same icons as alarm input and output devices and exhibit similar behaviors in the system trees.

#### 3.2.12. Selective cardholder downloads: All access levels now available

Previously, the access levels available for a selective cardholder download was limited to only those that had readers attached to the panel. The new Show all access levels feature allows you to choose from all access levels currently configured in the segment to which the panel belongs.

When more than one (1) panel is selected for downloading cardholders, Show all access levels is always enabled.

#### 3.2.13. Timezones: Configure holidays to repeat yearly

Configure a holiday to repeat every year. When this feature is enabled, the holiday's year is automatically recalculated during panel downloads.

**Note:** Linkage server must be running in order to update holidays.

### 3.3. Identity Management

#### 3.3.1. Commercialization of ActivEntry Solution - FIPS 201 compliant solution

The functionality of ReadykeyPRO panels and readers has been augmented to provide validation of PIV-based credentials at the time of enrollment and access using ActivEntry's F5 solution. This solution fulfills the requirements of FIPS 201.

#### 3.3.2. IrisAccess encoding

IrisAccess ID templates can be encoded on Book 1 of 32K iCLASS cards.

#### 3.3.3. Magicard Prima 4 printer

The Magicard Prima 4 printer with the HID OEM 150 iCLASS programmer is now supported in ReadykeyPRO Unlimited.

### 3.4. Visitor Management

#### 3.4.1. Cardholders Visitor Form and Cardholder Options Form Have New E-mail Field Added (OG-23149)

An E-mail field has been added to the Cardholder Visitor form. In addition, a default Visitor E-mail check box has been added to the Cardholder Options > Person E-mail Fields form. You no longer need to add the Visitor E-mail field in FormsDesigner unless you want additional e-mail fields such as one for a home e-mail address. (This new feature only applies to new systems - not upgrades.)

## 4. Known Issues/Updates

### 4.1. General

#### 4.1.1. ReadykeyPRO Installation no longer distributes the Sentinel Driver (OG-23538)

The ReadykeyPRO installation no longer distributes the Sentinel driver (for USB dongles) during the installation of the License Server feature on a server installation. Refer to the Supplemental Materials disc for the driver, if needed.

#### 4.1.2. Temporary Files Remain After Installation Has Completed (OG-14475)

Some components needed by ReadykeyPRO may leave temporary files on the system root drive after the installation. More information can be found here: <http://support.microsoft.com/kb/950683>.

#### 4.1.3. Column Heading Tooltips Disabled for Windows XP (OG-12746)

Tooltips are not available for column headings in ReadykeyPRO running on Windows XP.

#### 4.1.4. ACS.INI File Cannot be Edited by Administrator Group Member (OG-14034/19970)

By default, the Admin account does not have permission to save the **ACS.INI** file in Windows 7 or Windows Server 2008. To work around this issue, add the Admin user to the **ACS.INI** file security settings and allow full control or run the application that you use to edit the **ACS.INI** file (i.e., Notepad) using the "Run As Administrator" option.

#### 4.1.5. FormsDesigner Field Style Border and Inside Edge not Functioning Properly (OG-15759)

In order to support recently introduced changes to the user interface, the ability to turn off a sunken edge border for a control in FormsDesigner has been disabled.

#### 4.1.6. Cross Match ID 500 drivers and SDK (OG-23788)

Cross Match ID 500 drivers and SDK have been removed from Supplemental Materials disc beginning with Supplemental Materials disc 12.

#### 4.1.7. SafeNet driver

The SafeNet driver has been removed from the installation, but if needed it is available on the Supplemental Materials disc.

#### 4.1.8. ReadykeyPRO returns an error when attempting to create an unattended client installation

An error is returned that stops the creation of the ReadykeyPRO MSI file using the "setup /a" parameter. During the phase of "Copying new files," the following error is displayed:

"Error 1303. The installer has insufficient privileges to access this directory:

C:\Windows\winsxs\73t3z6j5.7ag. The installation cannot continue. Log on as an administrator or contact your system administrator."

### 4.2. **Access Control**

#### 4.2.1. Strike Field States Cutoff on Close

For HID Edge devices, the **Strike** field states Cutoff on close. The actual reader strike output will cutoff on open in all cases.

#### 4.2.2. Turnstile Mode Issues Access Granted/Door Used When First Person is in Turnstile and Second Person Presents Badge

Turnstile Mode now pulses strike even when turnstile status input is asserted.

#### 4.2.3. OSDP Reader May Have Incorrect LED Display

If power is lost to an Open Supervised Device Protocol (OSDP) reader, but power to the Bosch reader interface is maintained, the LED display pattern may be incorrect until some access activity takes place.

#### 4.2.4. Area Access Manager (Browser-based Client) Returns a Server Error for a Cardholder if a Field is Added to the Cardholder Form

Area Access Manager (Browser-based Client) will return the following server error for a cardholder if a field is added to the Cardholder form:

"A server error has occurred. Please see your system administrator."

When a form is updated, IIS must be restarted along with the LS Application Server. If you receive this error, restart IIS and the LS Application Server.

#### 4.2.5. Area Access Manager (Browser-based Client) Reports Not Supported with Windows Authentication on Windows Server 2008

Reports will not run properly from Area Access Manager (Browser-based Client) with Windows Authentication on Windows Server 2008. For these operating systems, only SQL authentication is supported with browser-based reports.

### 4.3. **Identity Management**

#### 4.3.1. Magicard Tango2e Must Use Driver V1.41

Magocard Tango2e driver V1.42 has a known issue with the installation of magapi.dll. Driver V1.41 is available on the Supplemental Materials disc and should be used instead.

#### 4.3.2. Magnetic Encoding Does Not Work with Firmware V2.00 for Zebra printers

Magnetic encoding will not work with firmware V2.00 for Zebra performance class card printers. Earlier versions of the firmware (up to V1.17.88 confirmed) should encode correctly.

### 4.4. Visitor Management

#### 4.4.1. Supported Date Format

“Short date, no time” (seen in FormsDesigner) is the only date format supported for date fields in Visitor Management Host.

#### 4.4.2. Access Control Badges Retain Previous Access Levels When Reassigned

When an access control badge is assigned to a visitor being signed in, it retains the access levels currently configured for the badge. Signing in/out a previous visitor with the badge does not change the access levels.

#### 4.4.3. Error Messages that Result From Not Having JavaScript Are Not Localized

Visitor Management requires that JavaScript be enabled in the browser. When it is not enabled, the error message “This application requires JavaScript. Contact your administrator,” will appear not localized.

#### 4.4.4. Kiosk Virtual Keyboard is not localized for JPN, CHS, or CHT

The Kiosk’s virtual keyboard is not localized for JPN, CHS, or CHT.

#### 4.4.5. The Service Trace Viewer Tool is Needed to View the Visitor Management Tracing File

Windows Communication Foundation Service Trace Viewer Tool (SvcTraceViewer.exe) should be used to view the Visitor Management tracing file (Idvm.svcLog) on the server. This can be obtained from Microsoft’s Web site as part of the Windows SDK.

#### 4.4.6. Front Desk Application: SnapShell scanner does not work for scanning business cards

In order to use the CSSN SnapShell device for scanning business cards in the Visitor Management Front Desk application, the "Bosch Installer for CSSN SDK" on the Supplemental Materials disc needs to be run.

## 5. Copyright and Trademark Notice

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