



Enterprise Security Solution

Security Management System (SMS) with AD-Series Electronic Locks



Are you looking for a high security access control solution that is both flexible and scalable? Schlage's SMS Enterprise system paired with Schlage's AD-Series electronic locks is the right solution for you.

Schlage SMS delivers a fully integrated access control solution including alarm monitoring, photo ID badging and video surveillance. It's perfect for large, multi-site or global organizations and provides you with an unparalleled level of flexibility by supporting an unlimited number of users, readers, credentials and other devices. We make it affordable by including multiple modules such as badging, visitor management and reporting in a single software package. In addition, there are no annual licensing fees and no software fees when you add more doors or users to your system. Further accelerate your ROI by combining SMS with Schlage's AD-Series electronic locks.

Schlage AD-Series integrated locks combine all of the components typically found around the door, such as the reader, door position switch and the request to exit switch into one device which simplifies installation and saves money. Schlage AD-Series integrated locks are available in hardwired and wireless configurations which can be outfitted with eleven (11) credential reader options. Designed to be modular, Schlage AD-Series locks can easily be upgraded in the future to meet your changing security and technology requirements.

System Capabilities – Summary

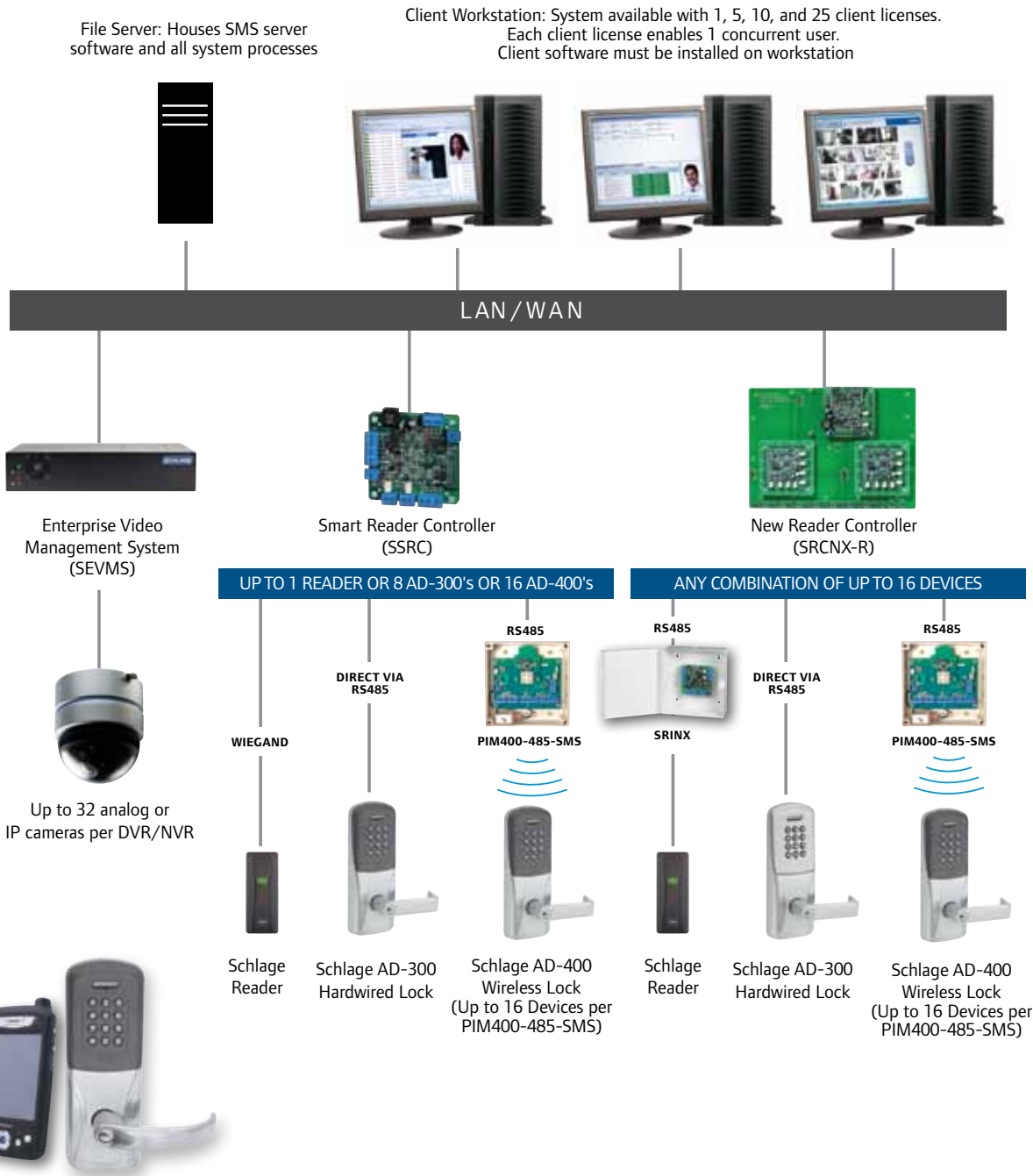
- Security Management System
 - Fully integrated access control, video surveillance, alarm monitoring, visitor management and photo ID badging
 - Supports offline and online devices within the same environment
 - Manage multi-site facilities either centrally or individually
 - One, Five, Ten or Twenty-Five client packages
- For AD-400 Wireless applications:
 - Communicates to the controller (SSRC or SRCNX-R) via PIM400-485-SMS (RS485); supports up to 16 devices per PIM400
 - 900 MHz communication between AD-400 and PIM400 for secure, encrypted transmission
 - Patent-Pending Wireless Lockdown/Unlock feature (10 seconds or less) preserves 2 year battery life
- For AD-300 Hardwired applications:
 - Communicates to the controller (SSRC or SRCNX-R) via direct RS485 connection; SSRC supports up to 8 AD-300 devices while SRCNX-R can support any combination of up to 16 devices
- AD-Series available with eleven reader options; all card readers available + PIN (4-digit). See back page for details
- Supports Classroom/Storeroom function
- Available chassis options: Cylindrical, Mortise, Mortise Deadbolt, and Exit Trim

Schlage Enterprise Solutions

Schlage delivers a powerful, client-server based solution that meets the security needs and budget of any facility.

- Manage online and offline solutions in the same system including CO-200 and AD-200
- Integrated access control, alarm monitoring, digital video, photo ID badging, visitor management and more
- Multiple hardware options for a solution that is flexible, scalable and affordable
- Supports an unlimited number of cardholders, devices and video recorders
- Customizable reports provide you with comprehensive information about your users, doors and system
- Card transactions can be associated with video clips and badging photos for fast incident recognition and/or resolution

SYSTEM LAYOUT



AD-200 Standalone Locks

- Manage access rights, time zones and holidays with SMS Enterprise Software
- Utilize HHD Handheld Device to configure locks and transfer updates & audits between software and locks

Schlage Enterprise Video Solutions:

- Multiple hardware and storage configurations
- SMS supports an unlimited number of NVR/DVRs
- Automatically associate digital video to access transactions
- Optional encoder converts analog cameras to streaming digital video

Schlage Enterprise Solutions System Capabilities:

	AD-200 (Standalone)	AD-300	AD-400
Number of Doors	Unlimited	Unlimited	
System Capacity At The Controller			
Number of Devices per SSRC	N/A	8 (Direct via RS485)	16 (via PIM400-485-SMS)
Number of Devices per SRCNX-R	N/A	Any Combination of up to 16 devices	
System Capacity At The Lock			
Number of Users	5000	Unlimited	
Holidays	32	Unlimited	
1st Person In	Yes	Yes	
Time Zones	8	Unlimited	
Degraded Cache Mode in Lock*	N/A	Yes*	
Readers (see supported card formats to the right)			
Keypad Only		Yes	
Magnetic Stripe Card		Yes	
125 kHz Proximity Card		Yes	
13.56 MHz Smart Card		Up to 32 bits	
Multi-Technology - 125 kHz Proximity & 13.56 MHz Smart Card		Yes	
PIV II (FIPS 201) Card		No	
Card + PIN Code	3 to 6 Digit PIN	Up to 4 digit PIN	
Status Monitors			
Request to Exit	N/A	Yes	
Door Position Switch	N/A	Yes	
Interior Cover Tamper Guard	N/A	Yes	
Lock/Unlock Status Clutch Position	N/A	Yes	
Mechanical Key Override (ATK)	Yes	Yes	
Request to Enter	N/A	Yes	No
Battery Status (Normal, Low, Critical)	Yes	N/A	Yes
Battery Voltage Level	N/A	N/A	Yes
Communication Status	N/A	Yes	Yes
Remote Lockdown (from host)	N/A	Yes	Yes**
Remote Unlock (from host)	N/A	Yes	Yes**
Lock Functions			
Classroom/Storeroom		Yes	
Office/Toggle	Yes	No	
Privacy	Yes	No	
Apartment	Yes	No	
Credential Attributes			
Normal Credential	Yes	Yes	
Toggle Credential	Yes	No	
Pass Through Credential	Yes	No	
Visitor/One Time Use Credential	Yes	No	
Freeze Credential	Yes	No	
Lockdown Credential	No	No	

Note: Shaded boxes indicate enhanced features that are only available in SMS v5.3.5 or higher

Supported Proximity Card Formats in SMS Enterprise:

- 26-bit standard format
- 34-bit Geoffrey/ Schlage
- 35-bit XceedID® Proximity (site code and Badge ID compatible with C-1000, parity calculated differently)
- 35C - 35-bit XceedID® Proximity format compatible with corporate 1000
- 37-bit XceedID® Proximity
- HID® 35-bit (Corporate 1000)
- MIFARE® 32-bit serial number without parity bits

Supported Smart Card Formats in SMS Enterprise:

- 26-bit standard format
- 34-bit Geoffrey/ Schlage smart cards
- 35-bit XceedID® smart cards (site code and Badge ID compatible with C-1000, parity calculated differently)
- 35C - 35-bit XceedID® smart card compatible with corporate 1000
- 37-bit XceedID® smart cards
- 40-bit XceedID® smart cards
- HID® 35-bit (Corporate 1000)
- MIFARE® 32-bit serial number without parity bits
- HID iCLASS® 40-bit (CSN Only, 32-bits only, no site code)

Notes:

* If enabled, grants access to last 113 unique user IDs, option to expand to 1,000. Or, use facility/site codes instead of user IDs. No events are captured in audit trail when operating in cache mode.

** Wake-up Radio over PIM400-485 on up to 16 doors requires implementation of specific RSI commands. Also available on PIM400-TD2.

Customize Your AD-Series

AD-Series Electronic Locks from Schlage are built from the ground up to provide more options, more functionality and more compatibility than any other solution on the market today. Designed to suite with the most popular lever styles and finishes, Schlage AD-Series can be configured to accept most major key systems.

Cylinder Compatibility	Full Size (key-in-lever 6 pin)	Full Size (key-in-lever 7 pin)	FSIC (6 pin)	SFIC (6 & 7 Pin)
Schlage	●		●	●
Falcon®	▲	◆		▲
Sargent® (10L + 11L Full Size)	▲		▲	▲
Corbin Russwin®			▲	▲
Yale® (also includes Medeco 31 *0100 FSIC)			▲	▲
Best®				▲

● = with cylinder or less cylinder options ▲ = less cylinder only
◆ = less cylinder only, only with Sparta and Rhodes levers Note: See pricebook for specific configurations.

Exit Trim in Networked Applications:

The AD-300 and AD-400 exit trims are exclusively compatible with exit devices made by Ingersoll Rand when using the low current request to exit switch (part number RX-LC for Von Duprin 98/99 devices & part number 650359 for Falcon 24/25 Rim devices).

Configure Your Lock:

We have created a web-based product selector tool that can help you configure your AD-Series lock to meet your needs. To check out the tool, please visit www.schlage.com



AD-Series Chassis and Functions	Classroom/ Storeroom	Office	Privacy	Apartment
Cylindrical	Yes	Yes* (AD-200 Only)		
Mortise	Yes	Yes* (AD-200 Only)		
Mortise Deadbolt	N/A	Yes* (AD-200 Only)		
Exit Trim	Yes	No	No	No

* Requires RS485 connection. Note: See pricebook for function descriptions.

AD-Series Credential Reader Compatibility:



Networked Solutions

Complete Your System

At Schlage, we understand that each facility has unique security requirements. Our extensive line of products, flexible options and ability to adapt to your existing environment make it easy to find a solution that will fit your security needs.

Complete your Schlage Security Management System and AD-Series system with readers and credentials, biometric hand geometry readers, system components, HHD programming device and other wireless accessories including the TK400 Wireless Portable Signal Test Kit.



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