



# Networked Access Control Solution

## *bright blue*<sup>®</sup> and AD-Series Electronic Locks



Looking for a security solution that is affordable, flexible and easy to install and manage? Schlage has combined intelligent web-based access management with integrated electronic locks to deliver a cost-effective solution ideal for small to medium sized facilities.

With the **bright blue**<sup>®</sup> access control system from Schlage, changes such as adding or deleting users can be made from virtually any laptop or desktop computer. The **bright blue**<sup>®</sup> system features a user friendly interface, standardized reports and video integration; your system can be up and running in no time at all.

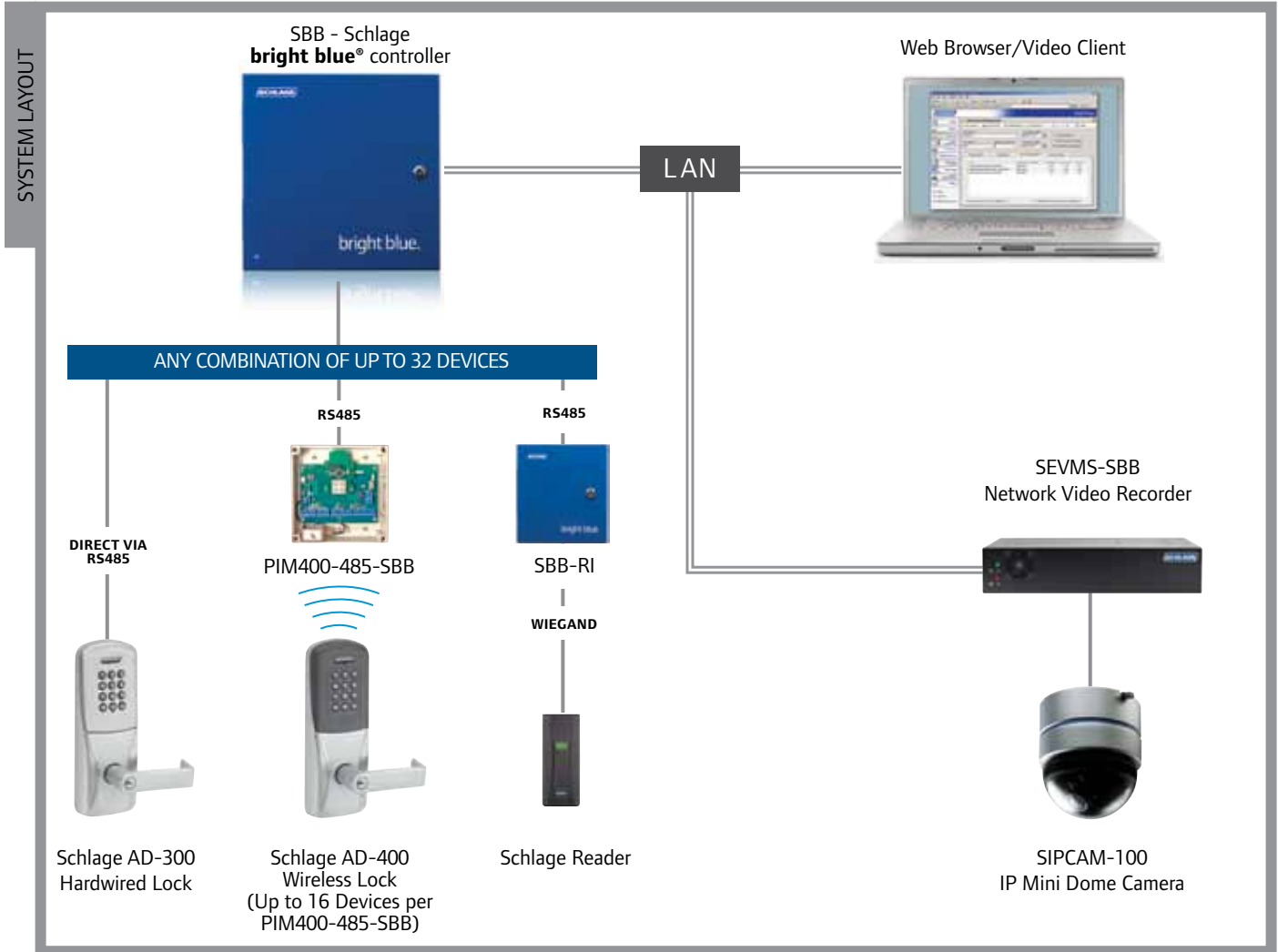
Installation of the hardware is simplified since Schlage AD-Series integrated locks combine all of the components typically found around the door, such as the credential reader door position switch and the request-to-exit switch. Designed to be modular, Schlage AD-Series locks can easily be upgraded in the future to meet your changing security and technology requirements.

By electronically scheduling lock and unlock times you will improve security and productivity. By issuing electronic credentials, like aptiQ™ smart cards from Schlage, you not only know who gained access where and when but you reduce the costs associated with re-keying. When you invest in electronic access control within your facility you increase security, add convenience and save money over time.

### System Overview

- **bright blue**<sup>®</sup> supports up to 32 doors and up to 5,000 users
  - Convenient web-based application
  - Remote access and administration
  - No software to install and no dedicated PC required
  - Holiday and event scheduling
  - Video management options
- For AD-400 Wireless applications:
  - Communicates to the **bright blue**<sup>®</sup> controller via PIM400-485-SBB (RS485); each supports up to 16 devices
  - 900 MHz communication between AD-400 and PIM400 for secure, encrypted transmission
  - Patent-Pending Wireless Lockdown feature (10 seconds or less) preserves 2 year battery life
- For AD-300 Hardwired applications:
  - Directly communicates via RS485 connection to the **bright blue**<sup>®</sup> panel
- AD-Series available with eleven reader options
  - All card readers available + PIN (4-digit)
- Supports Classroom/Storeroom function
  - Office function supported with RS485 connection only
- Available chassis options:
  - Cylindrical, Mortise, and Exit Trim

**bright blue**® access control system by Schlage supports up to 32 online devices including Schlage's AD-Series hardwired and wireless electronic locks as well as standard readers and video management.



NOTE: Complete specifications and certifications are detailed on individual data sheets which can be found on [www.schlage.com/support](http://www.schlage.com/support)

### ▶ Connect multiple facilities that reside on the same LAN :

Extend the reach of your system with the bright blue Network Reader Interface (SBB-NRI). The SBB-NRI is IP-based and connects directly to your network so it can be located at any remote opening or facility that is on the same network as your **bright blue**® controller.



### ▶ Keep an eye on your facility with integrated video management.

Video security is a powerful crime and theft deterrent, and gives you a visual record of every person who comes in and out of your facility. Our video options can be easily integrated in your bright blue system, giving you the utmost in safety and security.

#### Video Management System Features:

- Supports up to 8 cameras
- Remote multi-user video management software included
- View video of card transactions at any door
- Quickly search for video by cardholder name, credential ID, or transaction type
- User friendly; allows for advanced search, playback and save capabilities, video motion detection by camera and more



## Schlage **bright blue**® and AD-Series System Capabilities:

Schlage <b>bright blue</b> ® and AD-Series System		
	AD-400	AD-300
Connection to <b>bright blue</b> ® system	PIM400-485-SBB	Direct RS485
<b>System Capacity At The Controller</b>		
Number of Doors	32	32
<b>System Capacity at the Lock</b>		
Number of Users	5,000	5,000
Holidays	100	100
1st Person In	Yes	Yes
Time Zones	100	100
Degraded Cache Mode in Lock**	Yes**	Yes**
<b>Readers (see supported card formats to the right)</b>		
Keypad Only	Yes	Yes
Magnetic Stripe Card	Yes	Yes
125 kHz Proximity Card	Yes	Yes
13.56 MHz Smart Card	Up to 32 bits	Up to 32 bits
Multi-Technology - 125 kHz Proximity & 13.56 MHz Smart Card	Yes	Yes
PIV II (FIPS 201) Card	No	No
Card + PIN Code *	Up to 4 digit PIN*	Up to 4 digit PIN*
<b>Status Monitors</b>		
Request to Exit	Yes	Yes
Door Position Switch	Yes	Yes
Interior Cover Tamper Guard	Yes	Yes
Lock/Unlock Status Clutch Position*	Yes*	Yes*
Mechanical Key Override (ATK)*	Yes*	Yes*
Request to Enter	Yes	No
Deadbolt Position	No	No
Battery Status (Normal, Low, Critical)*	Yes*	N/A
Battery Voltage Level*	Yes*	N/A
Communication Status	Yes	Yes
Remote Lockdown (from host)*	Yes*	Yes
Remote Unlock (from host)	No	Yes
Interior Push Button* °	Yes* °	Yes* °
<b>Lock Functions</b>		
Classroom/Storeroom	Yes	Yes
Office/Toggle* °	Yes* °	Yes* °
Privacy	No	No
Apartment	No	No
<b>Credential Attributes</b>		
Normal Credential	Yes	Yes
Toggle Credential	Yes	Yes
Pass Through Credential	Yes	Yes
Visitor/One Time Use Credential	No	No
Freeze Credential	No	No
Lock Down Credential	Yes	Yes

### Supported Proximity Card Formats in **bright blue**® access control system:

- 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 **bright blue**® access control system:

- 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 cards 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)

\* Enhanced features that are only available in the upgraded versions of **bright blue**® v2.1 or higher

\*\* 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.

° Requires RS485 Connection to **bright blue**® controller

## 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](http://www.schlage.com)



AD-Series Chassis and Functions with bright blue® access control system	Classroom/ Storeroom	Office	Privacy	Apartment
Cylindrical	Yes	Yes*	No	No
Mortise	Yes	Yes*	No	No
Mortise Deadbolt	N/A	N/A	N/A	N/A
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 bright blue® 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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