



bright blue FAQs

Q. How does bright blue compare to SMS (Schlage Security Management System)?

A. bright blue provides the perfect complement to Schlage's Security Management System product line. bright blue provides the right features and benefits for the 1-32 door market while the Security Management System is best fit for larger, more complex installations. See comparison chart below.

Criteria	bright blue	Security Management System
# Online Doors	32 or less	Greater than 32
Application type	Control who goes where and when; simple reports	Badging, video, visitor management, report scheduling
Online/offline	Online only	Online and offline integration
End-user	Small commercial, property mgmt, medical, K-12, single location	University, Financial institutions, Hospitals, Large, Multi-site, global organizations
Concurrent Users	1	Unlimited
System Usage	Infrequent	Daily
Cardholders	Up to 5000	Unlimited

Q. Does bright blue support video?

A. Yes, investigations are now made easier with integrated video. Quickly search for video by cardholder name, ID number, transaction type and more. Our Schlage video recorder (SEVMS-SBB) comes standard with 4 IP camera channels and is compact and network ready. Options for an additional 4 IP or analog channels are available.

Q. Can bright blue controllers be linked together to expand the number of doors and cardholders?

A. No. bright blue was designed to meet the specific needs of small to medium-sized organizations and supports up to 32 doors and 5000 cardholders and cannot be linked. However, the SBB-NRI (Network Reader Interface) will allow you to bring a remote door online as long as there is network connectivity.

Q. Which system peripherals does bright blue support?

A. bright blue supports the complete line of Schlage online devices, including the AD-300 & AD-400 Series Locks, legacy VIP and Wireless locks and Proximity, Magstripe and Smart Card Readers/Credentials.

Q. Can we import cardholder data from third-party databases?

A. Yes, we have a standard utility for importing personnel data.

Q. Can the system alarm on specific event?

A. No. However, activity reports can be run which will display door held and door forced open events.

Q. Does the system allow for extended door held open times for specific cardholders?

A. Yes. bright blue incorporates special access privileges that conform to ADA regulations. These privileges can be customized per cardholder.

Q. Can more than one person be logged into the system at the same time?

A. Only one user at a time can be logged in.

Q. How do I connect to bright blue when I'm not at my office or facility?

A. As long as you can access your facility's network, you can log in to bright blue. Note that your facility may require that you log in via a secure VPN connection. Contact your local IT provider for more information.

Q. Do I need a dedicated server to run bright blue?

A. No. The system is web-based and does not require a dedicated server or client software installation. You can log on to bright blue from any computer in the same fashion that you would log on to the internet.

Q. What are the minimum system requirements for running bright blue?

A. bright blue is currently supported on the following browsers: Microsoft Internet Explorer versions 6, 7 & 8 and Firefox versions 2 & 3.

Q. Does bright blue support keypad readers?

A. bright blue supports the ESSEX Stand-alone keypad using a Wiegand Interface. In this scenario, the PIN looks like an encoded card number. However, card plus PIN functionality is not supported.

Q. How can I connect remote devices to my bright blue system?

A. Remote doors can be brought online using the SBB-NRI (Network Reader Interface). One SBB-NRI is required for each reader. Note: SBB controller boards are not networkable.

Q. Which version of bright blue is the SBB-NRI compatible with?

A. The SBB-NRI is compatible with versions 2.0+.

Q. Will the SBB-NRI still communicate if there is a network failure?

A. The SBB-NRI will not function during a network failure. Any devices connected to an SBB-NRI will remain in their existing state (locked or unlocked, depending on system programming) until the network connection is restored.

Q. Can I connect more than one reader to an SBB-NRI?

A. No, only one reader can be connected per SBB-NRI.

Q. Can I connect a Schlage Wireless reader to an SBB-NRI?

A. Yes, you can use the SBB-NRI in a wireless application, but this will require using a PIM-TD2 instead of a PIM-485; please reference wiring diagrams at brightblue.schlage.com.

Q. Can I connect a keypad reader to an SBB-NRI?

A. Yes, but you must use bright blue version 2.1 for keypad support and the SBB-NRI must have the most recent firmware (contact factory for additional information).

Q. What card formats does bright blue support?

A. bright blue supports a variety of magnetic stripe and proximity card formats. See supported formats below.

Supported Proximity Cards

- Standard 26-bit
- Schlage 34-bit
- HID 35-bit
- HID/ProxIF 37-bit
- XceedID 40-bit

Supported Magnetic Stripe Cards

- Geoffrey encoded magcard 14-D
- Geo-Image magcard 11-D
- Locknetics magcard 18-D
- Custom format (See the Credential Technology section of the Door Setup chapter for details)

A list of supported card formats can also be found in the **bright blue** User Manual as well as in the **bright blue** software in the Door Setup screen.

Q. Does bright blue support smart cards?

A. bright blue will support smart cards in any of the formats listed above.

Q. How do I back up my database?

A. **bright blue** runs a nightly database backup and stores it on the flash drive. A total of (5) backups will be saved at which point the oldest one will be deleted each time a new one is saved. If you are running version 2.x.x, this version also allows you to manually save a backup at any time. It is recommended that you save a copy of your database elsewhere as a precaution.

Q. Which wireless products are supported?

A. **bright blue** supports the following Schlage wireless products:

- AD-400 Series Wireless Lock
- PIM400-485-SBB AD-Series Panel Interface Module
- PIM-SBB WA Panel Interface Module
- WA5200 Cylindrical Lockset
- WA5600 Mortise Lockset
- WA993 Exit Trim
- WRI-OTD (outdoor wireless reader Interface w/2 relays)
- WRI-IN (indoor wireless reader interface w/1 relay)

A list of supported wireless products can also be found in the **bright blue** User Manual as well as in the **bright blue** software in the Door Setup screen.

Q. Can I mix and match the new AD-300 & AD-400 Series Locks on a system with legacy VIP and WA locks?

A. Yes, **bright blue** has new Door Setup tabs for the AD-Series online locks.

Q. Do the AD-300 and AD-400 Series Locks offer any new features?

A. Yes, the following functionality is now available with the AD-Series online locks when used in conjunction with bright blue version 2.1 (AD-Series locks will function the same as legacy VIP and WA locks on previous versions of bright blue (2.0 and lower))

- Card + PIN with the keypad option
- Interior Push Button with Office Locking Function
- WoR (Wake Up On Radio) AD-400 Lockdown feature

Q. Can I use the legacy PIM-SBB with the AD-400 Wireless Locks?

A. No, the PIM-SBB will only communicate with legacy WA locks. You will need to use the PIM400-485-SBB with the AD-400 Wireless Locks.

Q. How many AD-400 Wireless Locks will a single PIM400-485-SBB support?

A. One PIM will support up to (16) AD-400 Wireless Locks.

Q. Can I have more than one PIM per channel?

A. Yes, you can use up to (16) PIMs per channel, if desired, as long as the PIM's address ranges are unique. Please see the **bright blue** installation manual for further information.

Q. Does the PIM require a separate power supply?

A. The PIM-SBB can be powered directly from any data channel of the **bright blue** controller that is supplying 12VDC, or separately from a local power supply (593PI-12VDC recommended). The PIM can also be powered using a DCPM-1 (adjustable DC output device). The PIM400-485-SBB (for AD-400 Series Locks) requires a 12 or 24VDC Power Supply.

Q. How many PIMs will a DCPM-1 support?

A. A DCPM-1 will support up to (2) PIMs. The DCPM-1 is an adjustable DC output voltage device designed to work in conjunction with standard bright blue power supplies. It supplies separate voltage outputs of 6-26 VDC to peripheral access control devices such as a 12 VDC PIM wireless module. Modules can be paralleled together for higher output.

Q. Can I use a PIM-TD2 with bright blue?

A. Yes, the PIM-TD2 is a wireless accessory that does not connect directly to the bright blue controller board (SBB). Note: A bright blue Reader Interface (SBB-RI) is required when using the PIM-TD2.

Q. How many timezone intervals can I program ?

A. bright blue can support a maximum of (4) timezone intervals

Q. Does bright blue feature a history archive on transactions?

A. Yes, weekly archiving will be performed after 1 million transactions have been reached. bright blue will store up to 12 months of archived history.

Q. Which reports are available?

A. There are (5) different categories of reports available: Activity, Personnel, Access, Devices and Configuration. See below for detailed reports available from each category.

Activity Reports

- All Access Attempts – Valid / Invalid
- All Access Attempts – Valid

- All Access Attempts – Invalid
- System User Activity
- System Events (Communications, Power, Relays and Contacts)
- Contacts
- Relays

Personnel Reports

- Personnel Information w/User Defined Fields
- Personnel Information without User Defined Fields

Access Reports

- Access Permission by Person
- Access Permission by Door

Device Reports

- All Devices by Door

Configuration Reports

- Time Zones
- Calendar Events

Q. What data format can my report be exported to?

A. Most reports can be exported as a .csv file to be saved on a PC and opened by a spreadsheet program (such as Microsoft Excel). Any report that has the Export button at the top of the window may be exported. In order for a report to be exported, the web browser must allow downloads. For instructions on allowing downloads, please see the bright blue User Manual section 'Enabling downloads with Internet Explorer'.

Q. Is bright blue encrypted?

A. When data encryption is enabled, the user will receive a message stating 'Certificate Error'. Although your data is encrypted and secure, a certificate is not provided. This is not an error, and the user can proceed without incident. Data encryption can be turned ON or OFF by flipping a dipswitch (#1) on the controller board; the default setting is OFF; the recommended setting is ON.

Q. What happens if I remove the flash drive?

A. Do NOT remove the flash drive! Doors will be 'frozen' in their current state in the event that the flash drive is removed. This means that all doors will be locked and personnel will not be able to gain entry. The only exception is for those doors in an 'override' state. If the flash drive is removed while a door is in an override state (open), the door will remain 'frozen' in the open or free-entry state.

Q. Can I upgrade my bright blue software to the latest version?

A. Yes, however, keep in mind that **bright blue** will be offline while the upgrade is being performed. It is extremely important to plan ahead and follow recommendations outlined by the factory to allow for the least amount of system down-time as well as a transparent operation for your personnel. This is not a user function and should only be performed by a trained technician.

Q. Does bright blue feature a Health Monitor service?

A. Yes, the health monitor will restart bright blue applications (on the flash drive) in the event that they stop running; Additionally, the health monitor will automatically restart itself if it stops running.

Q. How do I know which power supply to use?

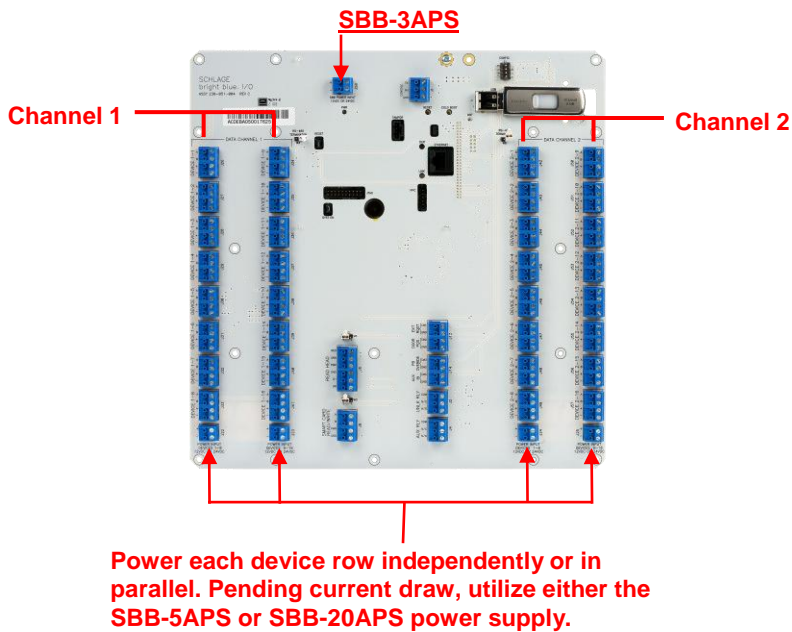
A. Below are the power supply options available with bright blue as well as a voltage matrix. For additional information and power supply scenarios, please refer to the Power Supply Requirements section of the bright blue Installation Manual.

Schlage bright blue Power Supplies

- SPS-3APS 3A@24VDC Power Supply
- SPS-5APS 5A@24VDC Power Supply
- SPS-20APS 20A@12VDC or 10A@24VDC Power Supply

Product	Voltage	Current
SBB	24 VDC	1A
SBB-RI	24 VDC	100mA*
SBB-NRI	20-32 VDC	100mA*
AD-400	24 VDC	250mA
PIM400-485-SBB	12 or 24 VDC	Peak 300mA
AD-300	24 VDC	250mA
VIP Lock	24 VDC	600mA
PIM-SBB	12 VDC	Peak 300mA
SXF1050	5-16 VDC	Peak 167mA
SXF1100	6-16 VDC	Peak 254mA
SXF1500	6-16 VDC	Peak 160mA
SXF1550	6-16 VDC	Peak 160mA
SXF2100	6-16 VDC	Peak 218mA

*Maximum current draw (without reader)



Q. What are the cable requirements for bright blue?

A. The chart below gives the recommended distance between the bright blue controller and the devices it connects to, as well as the cable requirements.

Cable Distances		
Connection	Maximum Distance	Cable Requirements
bright blue to SBB-RI / SBB-NRI	4000' (data only) Up to 500' (powering from SBB)	18 AWG/2 Cond, Strd, Twst, Shld 18 AWG/2 Cond, Strd, Twst, Shld
bright blue to AD-300 Series	4000' (data only) Up to 500' (powering from SBB)	18 AWG/2 Cond, Strd, Twst, Shld 18 AWG/2 Cond, Strd, Twst, Shld
bright blue to PIM400-485-SBB	4000' (data only)	18 AWG/2 Cond, Strd, Twst, Shld
PIM400-485-SBB to AD-400 Series	Up to 200 ft with obstructions; Up to 1000 feet line of sight	N/A