

Out of the blue

Securitron® BPS-12/24-1

Dual Voltage Boxed Power Supply

The new BPS-12/24-1 Boxed Power Supplies are recommended for use with the most voltage



sensitive electronic safety and security components

including card readers, electric strikes, motion sensors and DC voltage cameras. The BPS 12/24-1 is UL Class 2 listed, allowing for wire runs without the use of conduit from power supply to door.

What's Inside

- SARGENT Harmony
- Certified Integrator Program
- Terms used by the Certified Integrator
- Integrated Wiegand & IP Enabled Products

SARGENT® Harmony

Sophisticated Access Control

The Harmony™ Series lockset is the latest addition to SARGENT's full line of access control products. Harmony integrates into existing Wiegand access control systems, offering reader and monitoring capabilities in a stylish lock body. This device is



available in SARGENT's existing Grade 1 hardware, including bored lock (10 Line), mortise lock (8200 Series) and exit device (80 Series).

The lockset is also available with SARGENT's broad range of new Studio Collection lever designs and MicroShield™ antimicrobial coating.

[Learn more on page two.](#)

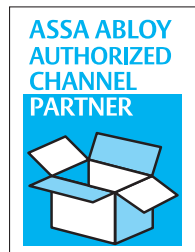
Authorized Channel Partner

ASSA ABLOY Access Control Products

Dugmore & Duncan is proud to announce our new status as an ASSA ABLOY Door Security Group Authorized Channel Partner. This new certification allows us to provide products and support to those who have completed the ASSA ABLOY DSS Certified Integrator Program. Our certification includes all Integrated Wiegand products including the SARGENT Harmony and vN1, Corbin Russwin Access 800

TCNE1 and Access 600 RNEI, along with the Yale Symphony. We will also be able to provide IP Enabled Products which include the SARGENT v.S1/v.S2, Corbin Russwin IP1 and WI1.

[Learn more about the Certified Integrator Program on page three.](#)

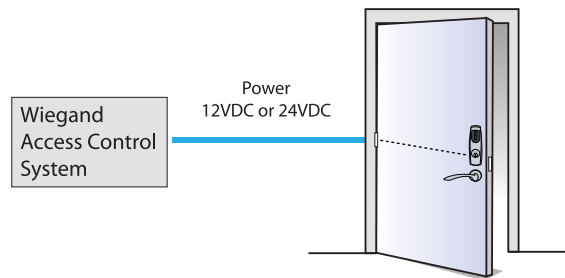


SARGENT® Harmony

Reader, monitoring capabilities and Wiegand compatibility in a small attractive lock.



The Wiegand open architecture platform provides a cost effective method for expanding existing access control systems. Harmony offers complete door status monitoring and is lockdown capable. All electronics are located on the secure side of the door for additional security. The lock is HID 125 kHz, 26-39 bit compatible.



Sophisticated Solution

- Consolidates all components into the lock
 - Incorporates card reader, Door Position Switch (DPS) and Latchbolt monitoring sensors and REX signaling
 - Eliminates reader interface modules
- 50% faster installation time, lower installed cost and reduced disruption
 - Requires only one cable run from the lock to the access control panel
 - Maintains architectural integrity around the door
- Open architecture platform is compatible with all standard access control systems
- Supports HID 125 kHz proximity credentials, including Corporate 1000, to match your card format
- Aesthetically complemented by SARGENT Studio Collection and Coastal Series levers - Elegant design with ANSI Grade 1 hardware offering a complete hardware portfolio, including mortise locks, bored locks and rim, surface and concealed vertical rod exit trim

Common Features

- A hard-wired platform for use with existing Wiegand compatible access control systems
- Centralized control of all locks using customer's existing access control system
- For use on exterior doors with appropriate weatherseal gasket
- A multi-colored LED indicates card read activity and can be manually controlled by access control panel
- Audible beep sounds with card reader
- UL Listed for fire doors available (12- for exit devices)
- UL Listed to Canadian safety standards
- 12VDC external power required, optional 24VDC operation available (reader always 12VDC)
- Solenoid Controlled with the option of Fail Safe or Fail Secure
- ElectroLynx® connector system
- Monitoring is based on lock type selected

Mechanical Features

- Certified ANSI/BHMA A156.3 Grade 1
- 12VDC standard, optional 24VDC Solenoid operated ET Trim available
- Fail Safe or Fail Secure option
- For 1-3/4" (44mm) door standard. Consult factory for other thicknesses
- Cylinder override feature standard with 8800 Rim and 8900 Mortise Exit Devices
- Cylinder override is available for 8700 SVR Devices with a 300 Series Aux Control and for 8600 CVR Devices with 100 Series Aux Control

Look for the Lynx™



Certified Integrator Program

Integrated Wiegand Solutions and IP Enabled Product Training

The ASSA ABLOY Door Security Solutions Certified Integrator program is designed for knowledgeable and experienced security systems integrators, locksmiths, and end users that take full responsibility and ownership of online access control projects from inception through system commissioning. In addition, they are properly staffed to provide ongoing, 24/7 service and support after project completion.



Why Become a Certified Integrator?

Due to the increase in new industry-changing products from the ASSA ABLOY DSS group, there is a growing demand for a new class of skilled integrators. Since these new products will need to be configured locally, with system software, access control credentials and networks tied together, extensive training will be paramount. The Certified Integrator Program will allow for new opportunities to present themselves only to those with the proper skills and training.

Currently there are two training segments being offered.

Integrated Wiegand Solutions

Includes a mounted Integrated Wiegand lock and Wiegand Tester

- Specify SARGENT Harmony or v.N1; Corbin Russwin TCNe or Access 600; Yale Symphony

IP Enabled Products

Includes a mounted IP-enabled lock and WiFi Tester

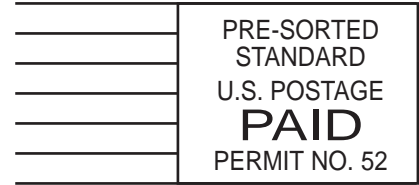
- Specify SARGENT v.S1 or v.S2; Corbin Russwin IP1 or WI1

If you have any questions or if you wish to inquire about becoming a Certified Integrator please call Dugmore & Duncan at 888.384.6673 or contact your local ASSA Abloy DSS representative. ◀

Interested in becoming a Certified Integrator?

Your local ASSA ABLOY Door Security Solutions team can help you get started. Go to www.assaabloydss.com for the contact information of an ASSA ABLOY Door Security Solutions office near you.

**PLEASE ROUTE TO
MAINTENANCE/LOCKSMITH**



Sophisticated Control with Superior Aesthetics



HES® RF5910 Integrated Prox Reader and Electric Strike

The RF5910 is the first-ever integrated prox reader and electric strike completely concealed within the door frame. Combining Grade 1 strength, superior aesthetics, and sophisticated access control, this revolutionary product also offers vertical adjustability for faster installation and maximum flexibility.

Standard Features

- No cutting on the face of the frame
- External antenna provides flexibility for location on the face of the frame
- Interfaces with Weigand compatible access control system
- Recognizes HID 26-39 Bit formats
- Supports HID 125kHz credentials
- Non-handed
- Field selectable fail safe/fail secure
- Lifetime limited warranty

Terms used by the Certified Integrator

As a Certified Integrator you may come across many terms and acronyms out in the field without any explanation as to what they mean. We've compiled some of the more common terms you may see, along with their definitions.

AES	The Advanced Encryption Standard is an encryption algorithm for securing sensitive material. This algorithm uses a block encryption of 128 bits in size, supporting key sizes of 128, 192 and 256 bits, as a minimum. ¹
API	An Application Programming Interface allows computer programmers to access the functionality of pre-built software modules. An API defines data structures and subroutine calls. Networking APIs are entry points to libraries that implement network and data communication protocols. ²
DHCP	Dynamic Host Configuration Protocol allows a computer to join an IP-based network without having a pre-configured IP address. DHCP is a protocol that assigns unique IP addresses to devices, then releases and renews these addresses as devices leave and re-join the network. ³
LAN	A Local Area Network supplies networking capability to a group of computers in close proximity to each other such as in an office building, a school, or a home. A LAN is useful for sharing resources like files, printers, games or other applications. A LAN in turn often connects to other LANs, and to the Internet or other WAN. ⁴
LEAP	LEAP is one of several protocols used with the IEEE 802.1X standard for LAN port access control. In the 802.1X framework, a LAN station cannot pass traffic through an Ethernet hub or WLAN access point until it successfully authenticates itself. The station must identify itself and prove that it is an authorized user before it is actually allowed to use the LAN. ⁵
POE	Power Over Ethernet is any technology that transmits power over an ethernet cable. Power over ethernet is convenient whenever there is an ethernet cable available but plugging into a wall outlet is a hassle. ⁶
TCP/IP	Transmission Control Protocol and Internet Protocol are two distinct network protocols, technically speaking. TCP and IP are so commonly used together, however, that TCP/IP has become standard terminology to refer to either or both of the protocols. The term TCP/IP refers to network communications where the TCP transport is used to deliver data across IP networks. ⁷
WAN	A Wide Area Network spans a large geographic area, such as a state, province or country. WANs often connect multiple smaller networks, such as local area networks (LANs) or metro area networks (MANs). The world's most popular WAN is the Internet. ⁸
WAP	Wireless Access Points are specially configured nodes on wireless local area networks (WLANs). Access points act as a central transmitter and receiver of WLAN radio signals. ⁹
WPA	Wi-Fi Protected Area is an acronym for Wi-Fi Protected Access. It is a security protocol for 802.11 wireless networks. WPA can provide data protection with the use of encryption and the use of access controls and user authentication. ¹⁰

1. Information Security Magazine Searchsecurity.com. 29 May. 2007. Advanced Encryption Standard. 22 Jan. 2009 <http://searchsecurity.techtarget.com/sDefinition/0,,sid14_gci344759,00.html>.
2. Mitchell, Bradley. About.com: Wireless/Networking. 2009. API - Application Programming Interface. 22 Jan. 2009 <http://compnetworking.about.com/od/softwareapplicationstools/g/bldef_api.htm>.
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Integrated Wiegand & IP Enabled Products

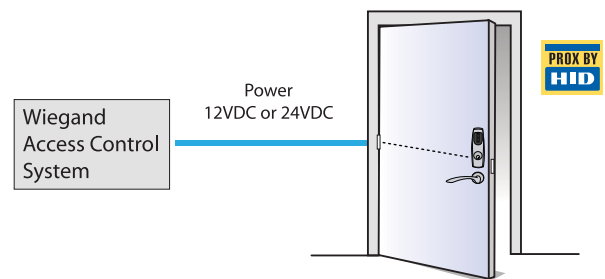
You may have read a previous article featured in this newsletter about the new products that the ASSA ABLOY DSS groups have developed which bridge the traditional mechanical lock community with the online access control community. In this article we have compiled a brief overview that illustrates the differences between the two technologies being offered.

Integrated Wiegand

What is Wiegand?

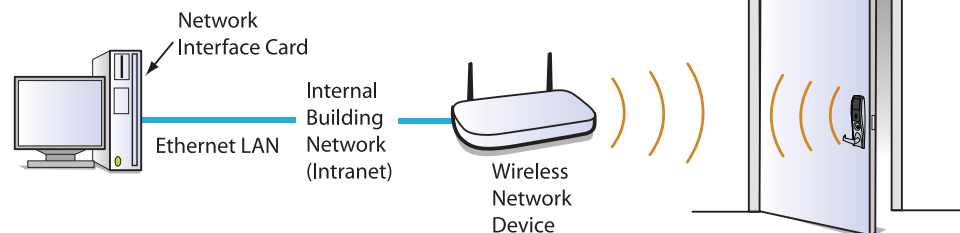
Wiegand is the trade name for a technology developed by HID Corporation used in card readers and sensors, particularly for access control applications.

Many facilities, such as hospitals and universities, have adopted this technology into their access control systems. With ASSA ABLOY Group Company's new sleek and compact devices, an integrator can provide access control to these Wiegand facilities while maintaining the aesthetics.



IP Enabled Products

IP-Enabled locks tap into a building's existing data network to provide the ultimate in security and ease of installation.



Wireless

ASSA ABLOY's WiFi-enabled locksets utilize standard nonproprietary wireless access points to connect to a facility's network. The locks work with any open architecture access control system, providing centrally managed control without many of the costs, labor and infrastructure upgrades associated with traditional hardware.

Power Over Ethernet

With this edge-of-network access control solution from ASSA ABLOY, all data and power are sent to the lock through standard CAT-5 wiring. Once connected, the lock instantly integrates with the building's security control platform, providing real-time monitoring capabilities and centralized control over all openings.