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## *Press Release*

### **ASSA ABLOY Introduces Hi-O™ Technology**

#### **Bringing Network Intelligence to the Door**

*New Haven, CT* -- ASSA ABLOY introduces Hi-O™ (Highly Intelligent Opening) technology, a new concept for electronic door solutions that simplifies installation, service and upgrade of a building's security and life-safety system.

Hi-O connects electronic door components together over a CAN (Controller Area Network) data network, allowing them to communicate and monitor the health of the opening. CAN technology is a standard used for many years in the car industry. Hi-O enables connected devices to exchange and share encrypted information. Every device (the lock, exit device, electric strike, proximity reader, door operator, push button, etc.) is connected through a 4-wire cable; two wires for power and two for data communication. The devices can be connected to the network even when powered up – "Hot Plugging".

#### **Plug-and-Play**

With Hi-O, intelligence is built into each device instead of one centralized logic unit, creating a plug-and-play system. A Hi-O device will work with its basic configuration as soon as it gets connected – just as when a USB device is plugged into a computer. The communication between the devices is encrypted in order to prevent intrusion.

The advantages with a Hi-O system are many:

- To the installer Hi-O means fewer wires to keep track of, faster connecting of components and immediate configuration.
- Maintenance becomes predictive rather than reactive and troubleshooting is simplified due to the built-in diagnostics. A faulty device will alert the network. Standardised wiring and plug-and-play technology makes changing devices easy.
- Expansion of the Hi-O door system is simplified because all new devices will automatically identify themselves on the network.
- For the building owner, there's the lower cost of ownership for the life of the opening.

The following products from ASSA ABLOY Group brands are now available with Hi-O Technology.

- **HES HT-1006** electric strike: For use with cylindrical and mortise locks (with or without deadbolt); ANSI/BHMA Grade 1, UL 1034 burglary rated.
- **HES HT-5000** electric strike: Low profile electric strike for use with cylindrical locks; ANSI/BHMA Grade 1, UL 1034 burglary rated.
- **SECURITRON HT-PB2** push button: Request-to-exit illuminated push button; includes a super-bright LED indicating operation.
- **SECURITRON HT-PB2E** push button: Request-to-exit illuminated push button; no LED.
- **SARGENT HT-4396HP** wall switch: 6" x 6" Handicap wall switch.

- **SARGENT HT-56-8810** exit device: Electric latch retraction 80 Series exit device; rim, vertical rod and mortise lock versions available; UL listed; ANSI/BHMA Grade 1.
- **NORTON HT6900** door operator: Low energy door operator; ADA compliant; UL listed; ANSI/BHMA certified.
- **HID R40** reader: Prox and iClass; prox card, keyfob, tag & 13.56 MHz contactless smart card applications; CE & UL 294 certified.
- **ASSA ABLOY 4423 HT** hub: Mechanical hub with terminal block connections for wiring all Hi-O devices in the opening.
- **ASSA ABLOY 442HT Hi-O** translator: Connection hub & door control unit – integrates into traditional legacy access control systems. Translates Hi-O communication to Wiegand & RS485 protocols.
- **ASSA ABLOY 4421HT** CAN module: Interface solution for connecting a Hi-O opening to a computer via a USB connection. Allows local set-up & monitoring of a single opening. Supplied with USB and serial port cables.

For more information, log onto [www.intelligentopenings.com](http://www.intelligentopenings.com).

### **About ASSA ABLOY**

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user demands for security, safety and convenience.

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