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Design and  
Function  
Newly Defined:

**eVAYO**

The New Terminal Generation  
for Access Control and  
Time & Attendance Recording



ALLEGION™

# From Idea to Innovation

**Good design is no longer just about design. It is also about function, convenience and style.**

“Ranging and changing love all who live”, says an old proverb – for Interflex, too, change is one of the most important principles in business life. That is why we are presenting the new generation of terminals for access control and time & attendance recording under the name eVAYO.

The root word VAYO expresses how variable and flexible the new product family is. Each of the three devices is designed and constructed to fit perfectly, with respect to both function and appearance, in all systems and operating environments – even in the most modern building complexes and structures.

And the prefix “e”? Not only does it indicate that these are electronic terminals and door hardware components with a sophisticated and superbly elegant design, it also emphasizes that all devices of this series are unprecedentedly efficient when it comes to energy consumption. Due to a configurable energy-saving mode, the readers are, for example, only active during main office hours, and even then only when they are used. If the terminals are not used, they switch off automatically and “wake up” again only when someone approaches. This reduces energy consumption up to 50 percent compared to the previous generation. A strong argument for customers who value sustainability in their systems.

## **Intuitive, Award-Winning Design**

Users can operate the interfaces intuitively without much instruction: Displays and functions are clear and aesthetic. The first product of the new design family, the electronic door fitting PegaSys Office, has already won the international red dot award: product design 2012.

**eVAYO**

# Terminal IF-5735 – State-of-the-Art Time & Attendance Recording

The time & attendance recording terminal boasts a contemporary, sleek style and can be operated quite easily and intuitively. Besides recording and displaying IN and OUT bookings, the terminal can also be used to record company-external assignments.

- The touch display allows user-friendly operation and displays employee data.
- Due to its small dimensions, the device can be easily adapted to different environments.
- Especially sustainable and efficient through energy-saving mode, low energy consumption and adjustable sleep mode.

The IF-5735 terminal can be integrated into a 10/100 MB Ethernet network. Power can be supplied via Power over Ethernet with no problem. This saves costs for a separate power supply. Alternatively, of course, power can be supplied via 18V low-voltage.

The large touch display is especially convincing with its simple user interface and direct user feedback.

All bookings are transferred to the host system in real-time. Optionally, it is also possible to control and monitor doors, for example.

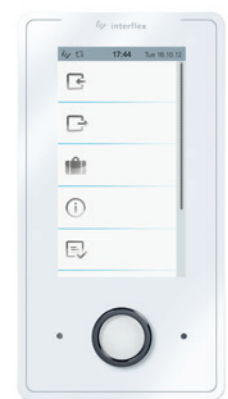
The terminal is equipped with a proximity sensor. If it is not needed, it switches to sleep mode. When someone approaches, the terminal “wakes up” and is immediately ready for use. The terminals are available in black and white.



**Terminal IF-5735 - Innovations tailored to the needs of the user**

## Features

- Reads from currently-used RF identification media
- Records time data, such as e.g. IN bookings or absence reasons
- Displays accounts that are calculated by the IF-6020/IF-6040 system or made accessible via the interface of an SAP system
- Saves person records, day and week programs
- Takes over functions of the time management/ access control program during offline operation and checks the booking authorization during identification
- Checks and stores employee bookings, messages and events
- Writes offline data (NetworkOnCard) onto the credential
- Controls relays



Terminal IF-5735 in white

# IF-800 Terminals – A New Generation for Access Control

**Access control terminals with perfect flexibility for today's building structures and security requirements**

The new design generation of access readers looks great in its outfit of state-of-the-art, high-quality materials such as glass. Simple and elegant, the IF-800 access control reader fits perfectly in any environment or architecture.

- A ring shows users how and where to use their corporate credential.
- The illuminated outline indicates whether a booking was successful or not.
- Especially sustainable and efficient through energy-saving mode, low energy consumption and adjustable sleep mode.

What is more, the new access solution is compatible with existing installations. Slave terminals of the series IF-800 have been specifically designed to meet the requirements of access control and person identification. They enable access for authorized people, door status monitoring and monitoring of sensors (locks, barriers, doors).

The new lighting concept allows for an intuitive user interface and provides clear user feedback. In addition, the devices can operate in energysaving mode and thus consume less than 50% of the energy required by previous models.

The cover panels are available in black and white. Via DIP switches on the reader electronics, the LEDs can be adapted to any panel color and environment.

The reader electronics is preferably installed in an unsecured area directly next to a locking device and connected to the I/O controller (included in the delivery) via a cable of up to 100 meters in length. This prevents unauthorized access even if the reader is damaged, e.g. due to a short circuit.



Access control terminal in white

The slave terminals can be connected to and operated on a terminal controller or a master terminal. They allow for flexible integration into new and existing environments. Identification is carried out via RFID media. In conjunction with a controller or a master terminal, the terminals are capable of writing NetworkOnCard authorizations for offline terminals.

### Features

- Multi-functional, powerful and user-friendly terminals for contactless identification via cards, key tags or wrist watches with transponders.
- Read range up to 4 cm.
- Reliable reading function due to integrated Mifare Classic, Mifare DESFire, Mifare DESFire EV1 or LEGIC Prime and LEGIC Advant technology.
- Easy integration into Interflex software platforms.
- LED display for indicating standby mode: unauthorized and authorized use.
- Door monitoring with alarm signal.
- Warning buzzer.
- Monitoring and control of blocking elements (door relays, turnstiles, etc.).
- 1 door opening relay.
- 2 monitoring inputs.

**The new lighting concept allows for an intuitive user interface and provides clear user feedback**

# Simply Secure: The New PegaSys Office Door Fitting

## **PegaSys Office door fittings - The perfect extension of online access control**

With its award-winning design (red dot design award 2012), the PegaSys offline access control system fits perfectly in any modern architecture or environment.

- Sophisticated, timeless design using high-quality materials
- Simple, fast installation
- Blind cover for the mechanical cylinder and keyhole cover available; existing cylinder can be used without impairment
- Energy efficiency through shutdown when not in use
- Audible low battery alert
- No power or other cables required
- System compatible with existing credentials (LEGIC, Mifare)

PegaSys Office door fittings are the perfect addition to an online access control system for area-wide electronic locking of doors. Even without installing cables or carrying out other structural measures, you benefit from the security and convenience of an electronic access control solution based on an RFID credential. You simply mount the electronic door hardware on existing doors.

The PegaSys Office door fitting consists of an interior and an exterior component that match each other perfectly. The scope of delivery includes two handles, the electronic unit including battery and the credential reading unit. Mifare Classic, Mifare DESFire, Mifare DESFire EV1, LEGIC® Prime and LEGIC® Advant reading technologies are available.

A mechanical lock cylinder can be mounted in parallel. Furthermore, it is also possible to continue using the existing mechanical cylinder. In this case, the cylinder hole is covered by a cap. This cap can be removed only by being destroyed, so use of the mechanical cylinder will not go undetected. Data transfer is carried

out via NetworkOnCard®. Online devices write authorizations onto the credential. The credential is checked for existing access authorizations when read by the PegaSys Office door fitting. At the same time, PegaSys Office door hardware status data (e.g. low battery status) is written onto the credential and transferred via an online terminal to the higher-ranking system the next time a booking is carried out. NetworkOnCard® thus combines online components and offline access control. The advantage of this solution is cost-effective, flexible integration of areas, which so far have been excluded from comprehensive access control for technical or financial reasons, into the existing security architecture. Each PegaSys Office door fitting can be configured individually. So, for example, one door fitting can be automatically switched open from 8 a.m. to 4 p.m. for public access, and another can be configured to open only via a booking with an authorized credential. Authorizations can thus be loaded into the door hardware and diagnostic data can be retrieved.

## Features

- Coupling mechanism with “Lockbox” turning technology, cast metal housing, suitable for both left and right closing doors.
- Quick and easy battery replacement through snap-in battery compartment. Different designs for fittings with or without mechanical cylinder.
- Audible low-battery alert (deactivatable).
- Emergency opening possible if locking cylinder is mounted in parallel.
- Modular design, all components can easily be exchanged.
- Activation sensor, insensitive to light.
- Fully automatic adjustment and switchover to daylight saving time.
- Person-related single or permanent opening.
- Automatic time-controlled locking of all permanently unlocked doors.
- NetworkOnCard® - all authorizations stored on credential.
- Permanent battery status monitoring.
- Freely adjustable door open time.

## Object Settings

PegaSys Office is suitable for a wide array of doors. Door lists are available for project planning (dimensions, stop, design of handle, etc.).



**reddot** design award  
winner 2012



**High Security Convenience Through the Combination of Online Components and Offline Access Control via NetworkOnCard® Technology**

PegaSys Office fitting in white



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Interflex Datensysteme GmbH offers holistic solutions for workforce management including time management and personnel scheduling as well as customized and innovative security solutions including access control, video surveillance, security control centers, and visitor management.

With several thousand system installations managing more than 4.7 million users, Interflex is one of the international market leaders. Interflex was founded in 1976 and has been a part of the Allegion Group since 2013.

Further information is available at [www.interflex.de](http://www.interflex.de)

## About Allegion™

Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions. Allegion had \$2.7 billion in revenue in 2020 and sells products in 130 countries.

For more, visit [www.allegion.com](http://www.allegion.com)



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