Bringing open IP benefits to physical access control

AXIS A1001 Network Door Controller

Axis' IP platform for physical access control

Opens the door to the future

With AXIS A1001 Network Door Controller, we're introducing a new level of freedom for physical access control. Freedom that stems from the same open IP philosophy we pioneered in video surveillance.

Traditional proprietary systems mean limited options, central control units with often complex and expensive cabling, as well as restricted integration and scalability. Now, with AXIS A1001 Network Door Controller, there's finally an open, easy-to-use and future-flexible alternative for physical access control.

AXIS A1001 is a non-proprietary platform for access management. It meets requirements for both small installations and advanced enterprise systems, offering a simpler, smarter, more streamlined alternative — whether you need to install one door or 1,000.

Versatility powered by IP

- Freedom to choose components (hardware and software) from multiple vendors
- AXIS A1001 is easily available through our wide network of partners
- Well-documented and easy to implement, the open Application Programming Interface (API) allows you to pick from best-of-breed software options to meet your needs
- Standard IT equipment for time and cost-efficiency
- Easy integration with other IP systems such as video surveillance
- Edge solution — a smart, independent device at each door; no central server or control unit needed when using the built-in software

Two pathways. Unlimited destinations.

With AXIS A1001 Network Door Controller, you can choose between our built-in, web-based software or any partner solution. So you can find exactly the right fit for your needs – independent of system complexity and size.

AXIS Entry Manager

Small, basic installations

Partner solutions

Large, enterprise installations

Traditional, proprietary physical access control systems require particular setups, parts, and service processes. Gain freedom to choose (and save time and money) by asking for IP, standard IT equipment, and an open interface.

Discover boundless possibilities with an open architecture

Axis' open API (Application Programming Interface) gives you the freedom to mix and match best-of-breed hardware and software from a limitless range of software partners. Equally important, it can also enable integration with other IP-based systems and third-party applications, without the need for costly hardware boxes to make the "bridge" between different systems. Video surveillance, intrusion detection and heating and ventilation are just a few of the potential opportunities.

Physical access control has never been easier

AXIS A1001 offers you the easiest way forward with IP physical access control. Everything from simplified cabling to color-coded installation makes implementation seamless and administration intuitive.

Simplicity powered by IP

> Simplified cabling with PoE
> Color-coding and hardware installation wizard
> Support for most reader types on the market

With Power over Ethernet (PoE), cabling is reduced to a minimum – speeding up installation and saving cost. PoE lessens the need for power cables to accessories such as locks, sensors and readers, as well as proprietary data networks.

Intuitive, color-coded configuration wizard

Our configuration wizard and color-coded connectors make it easy to get started with AXIS A1001.

AXIS A1001 is plenum-rated. The installation will be easier and more cost- effective since no additional cabinet has to be installed when it is mounted in the plenum above the ceiling.

Easy-to-use access management software

Conventional access control products and systems are normally designed and optimized for large installations with hundreds of doors and perhaps thousands of credentials. And the software available is often difficult to use. Yet, the vast majority of installations are much smaller – typically less than 10 doors. That's why we've designed the integrated AXIS Entry Manager software to be intuitive and easy to use for access management in smaller installations. Of course, our open API gives you a choice of software so you can also find the ideal fit for larger installations.

IP at the edge

Smart IP solutions allow you to decentralize for easier, more flexible installation and scalability. Using AXIS Entry Manager eliminates the need for a central control unit or server. Each AXIS A1001 Network Door Controller has memory and processor integrated in the unit. Redundant system data, credential data and configurations are automatically synced between all units in the system.

Features quick import of existing cardholders with easy drag-and-drop management, as well as automatic sharing of configurations for new controllers.

Easy overview of specific access schedules depending on a user's role in the organization, as well as specific schedules for holidays and weekends.

A physical access control solution that matches your pace

Axis gives you full flexibility in scaling up your solution. From adding a single door in a small office to integrating video surveillance in a large-scale facility, AXIS A1001 allows you to grow at your own pace.

Scalability powered by IP

- Ideal fit for both small and large installations
- Easily scalable by any increment
- Open API ensures future flexibility as vendors develop new software and hardware to meet changing needs
- Axis' extensive partner network ensures a choice of best-of-breed solutions

AXIS Entry Manager

Small, basic installations

Up to 33 controllers and 400 users, basic security requirements

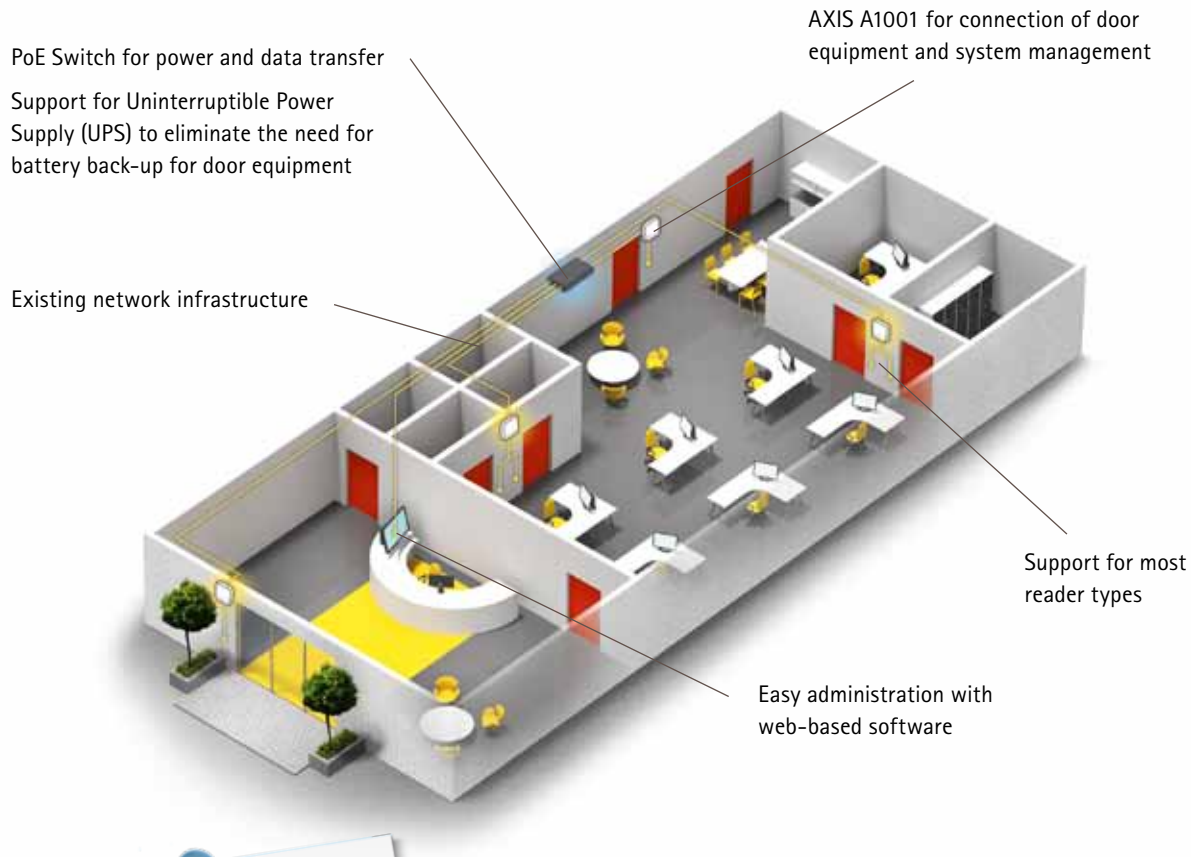
Basic access management with ease-of-use in focus

Effective perimeter and indoor security

> Reader in / reader out with convenient lock and additional lock for extra security during nighttime
> Can support adjacent doors with reader in

Easy administration with web-based software

> Cardholders, Groups, Schedules incl. Holidays
> Control doors centrally
> Track events, E-mail and SMS notifications



What happens when you need to add a door or two? Make sure your system can scale up at any increment. Traditional hard-wired systems only handle a certain number of doors (typically 4, 8, 16, or 32).

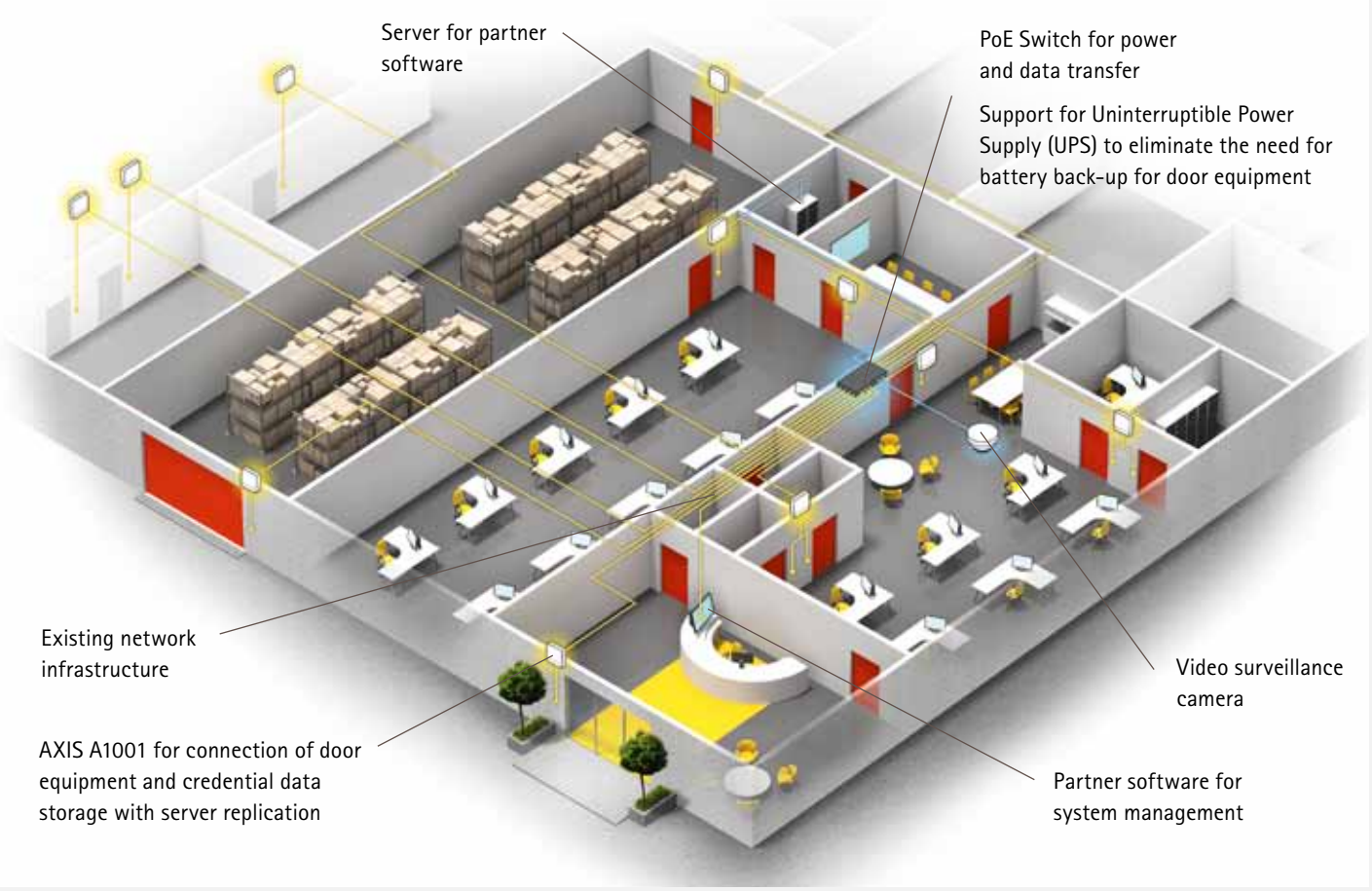
Partner solutions
Large, enterprise installations

Beyond 33 controllers and/or many users, advanced security requirements and need for integration to other systems such as IP video surveillance.

Axis' partners ensure best-of-breed solutions

More advanced security requirements
> Improve security with video verification for door entry
> Gain more efficient surveillance by recording video at: door forced open, invalid card and door entry

Take advantage of other functions, such as:
> Global anti-passback
> Global denied access counter
> Integration to other systems such as intrusion detection, heating and ventilation, HR systems, etc.



Flexibility to meet tomorrow's demands

Axis' open philosophy has redefined versatility, simplicity, and scalability for video surveillance. Now, with AXIS A1001, physical access control is poised for a similar transformation.

We're committed to helping you build a simpler, smarter physical access control system for both where you are today and where you want to be tomorrow. With IP, the possibilities are boundless. Now, we're opening the door to a new era in physical access control.

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About Axis Communications

As the market leader in network video, Axis is leading the way to a smarter, safer, more secure world - driving the shift from analog to digital video surveillance. Offering network video solutions for professional installations, Axis' products and solutions are based on an innovative, open technology platform.

Axis has more than 1,400 dedicated employees in 40 locations around the world and cooperates with partners covering 179 countries. Founded in 1984, Axis is a Sweden-based IT company listed on NASDAQ OMX Stockholm under the ticker AXIS. For more information about Axis, please visit our website www.axis.com.

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