



Security solutions

Access Control

iProtect Access Control offers an extremely wide range of options. Controlling Access is the principal function of an access control system. An access control system helps you determine and maintain the necessary level of security for your facilities. This entails assessing who is allowed to enter specified areas, at which times, and from where. With varying requirements for different buildings and situations, Keyprocessor provides an extensive collection of integrated card readers and technologies to use with iProtect to ensure you implement the right access control system for your particular project.

Benefits of Access Control within iProtect

iProtect centralizes access control into a single security management system. With integrated online card readers, wireless online and offline cylinders, and electronic escutcheons, the daily maintenance of the readers, authorizations, events, and reports is carried out from one system and accessible to anyone anywhere on the network. The access control devices from iProtect contain components that are compatible with ISO 14443A standards and include a wide range of mainstream RFID brands, such as DESFire, DESFireEV1, Mifare, and Mifare Plus.

When used together with the Polyx Network Controller, communication between card readers and the central server takes place primarily over IP. As a result of the unique and encrypted communication between field components, there are substantial savings on cables and installation costs. This guarantees a watertight access control system for every situation, from everyday management to proactive reaction during actual and critical incidents.

Attendance registration

With iProtect Access Control you can obtain an overview of all the people who are in a given space at any moment. This can either be provided as a printed report or as a real-time overview displayed on the monitor. This is particularly more convenient for telephone operators because it allows them to determine at a glance whether to forward the call or take a message. And in case of an emergency, quickly obtaining a complete overview of everyone who is in a building can even save lives.

Visitor registration

In order to ensure optimum safety, it is crucial that your visitors are properly registered. iProtect provides a state-of-the-art function that makes it possible to register visitors in advance and to record who has an appointment with the visitor. Visitors are included on the attendance reports, which is naturally vital should there be a disaster.

Highlights

End to end security

Unlimited usage of card readers

Visitor registration

Attendance monitoring

Alarm management

System up to 100.000 users

Interactive floormap

Power over Ethernet

Other features

The iProtect Access Control System features a number of standard state-of-the-art options. The interactive maps make it possible to display and change the status of multiple areas and entrances with a click on the mouse. In addition, here is the alarmhandler that can automatically initiate the proper procedures in alarm situations.

System design

When designing the iProtect Access Control system, a total focus is on scalability and reliability. In addition to a server, the system also includes intelligent substations (Polyx ND+) and robust reader interfaces (Polyx D+ or Orbit). All the substations will continue to operate, even if the connection with the central network is broken. This guarantees safety and continuity, even if possible failures occur.

Reader interface

The Polyx D+ or Orbit reader interfaces are not only durable, they are also extremely flexible. As a result in addition to the Sirius readers, you can also easily connect other types of readers. Standard UTP cables are used between the server and the substations and between the substations and all the reader interfaces.

