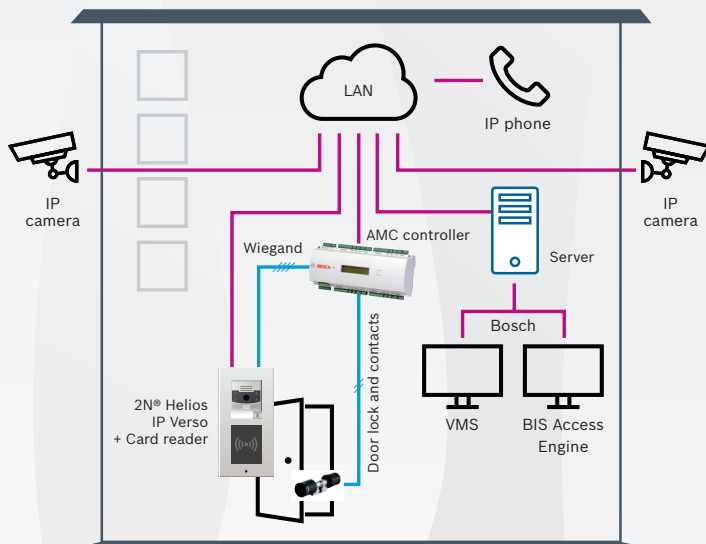# Integrated Security, Safety and Access Control Solution

Intercom

Bosch Security and Safety Systems and 2N®

- ▶ Integration of 2N® Helios IP intercom with BVMS and Bosch Access Control System
- ▶ Access, attendance and camera system in 2N® Helios IP intercom
- ▶ Option of remotely opening doors from any telephone
- ▶ Recordings from cameras located in 2N® door intercoms
- ▶ Transfer of identification data located in 2N® Helios IP intercom to Bosch BIS and Access Engine
- ▶ Use of readers and cameras embedded in 2N® Helios IP intercom for video verification in Bosch BIS

The ability to connect 2N® Helios IP intercom to Bosch Video Management System (BVMS) and Access Control System provides the customer with a unique and comprehensive solution that enables him to significantly enhance the security of his premises. Thanks to the connection of a 2N® Helios IP intercom with a camera and RFID card reader, customers have a unique opportunity to integrate an access, attendance and camera system into one device and thus obtain many unique benefits. The Bosch Access Control System makes it possible to control access to a building and to transfer identification data from an entry card from the intercom directly to the Bosch Building Integration System (Bosch BIS) and Access Engine. A visitor without an entry card uses the intercom's standard functions to call reception, which simply opens the door for them from the Bosch BIS user interface. 2N® Helios IP intercoms, however, do not just provide physical security for doors. In the same way as images from all external cameras are recorded in the management system, recordings can also be made from cameras located in 2N® Helios IP intercom.

The unique benefit of the connection between BVMS and Access Control System and 2N® IP intercoms is that an intruder does not expect an intercom to be able to record him up close.

The connection of 2N® Helios IP intercom to BVMS and Bosch Access Control System is possible thanks to the implementation of ONVIF and Wiegand protocols, which ensure mutual compatibility.

Compatibility

2N® Telecommunications	Bosch Security and Safety Systems
▶ 2N® Helios IP Verso	▶ BVMS
▶ 2N® Helios IP Vario	▶ BIS Access Engine with
▶ 2N® Helios IP Force	Access Modular Controller (AMC)
▶ 2N® Helios IP Safety	
▶ 2N® Helios IP Uni	

Applications / Vertical Markets

Government   Public   Education   Office   Parking   Residential

Key features

Real time video streaming
Door solution for access control fully integrated with telephony, access control and video system, which is integrated in the intercom.

Time profiles
System can change behavior based on time profile – i.e. send call to 24/7 service during night, or use time limited access rules.

Integration into security and automation systems
Using ONVIF, RTSP, HTTP API and Wiegand interfaces, IP intercom can be integrated with any building management system.

Remote trigger switch control
Noise detection and movement detection can be used to trigger switch, or http API can be used to trigger switches by third party systems.

IP Relay
Relay triggered by http command and thus can be located anywhere but controlled like locally installed.

Picture to email
During ringing or a call, progress pictures are taken by the integrated camera and are sent to a predefined email for evidence purposes.

Snapshot
Thanks to a built-in camera, the intercom takes a photograph of the person entering the building every time a card is used.

Night vision
A built-in camera with infrared lighting and night vision provides quality images even at night.

Configuration and 2N® Helios IP product family

The start screen is an introductory overview screen displayed upon login to the intercom web interface. The start screen is also the first menu level and quick navigation (click on a tile) to selected intercom configuration sections. The 2N® Helios IP configuration includes 5 main menus: State, Directory, Hardware, Services and System including submenus.

2N® Helios IP Verso   2N® Helios IP Vario   2N® Helios IP Force   2N® Helios IP Safety   2N® Helios IP Uni

The Bosch division Security and Safety Systems is a leading global supplier of security, safety, and communications products, solutions and services. Protecting lives, buildings and assets is our aim. The product portfolio includes video surveillance, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communication of voice, sound and music complete the range. Bosch Security and Safety Systems develops and manufactures in its own plants across the world. Additional information can be accessed at **www.boschsecurity.com**

Visit **www.ipp.boschsecurity.com** for details on the Bosch Integration Partner Program

2N® is a leading European company engaged in the development and manufacture of products in the field of ICT and physical security. The IP intercoms for door communication and emergency calls, IP public address systems and M2M products reflect the latest trends in the area of security. They are number one on the IP intercom market, complying with the most stringent international standards (ISO, TÜV, UL, CE).

For more information, visit **www.2n.cz/en/**