



# Enhance Security and Communication in Healthcare and Hospital Locations

IP Indoor and Outdoor Video Intercoms and IP Paging Solutions



2N's HIP Video Intercom and IP Paging solutions enable increased Premise and Departmental Security, patient-to-staff and staff-to-staff communication as well as location-wide mass notifications.

In addition, 2N's range of IP Intercoms are designed to work with the existing telephony environment. No matter which IP PBX or IP Phones are used by the customer, 2N's solutions will seamlessly integrate onto the network, as just another SIP end-point. The 2N HIP Video Intercoms are certified with major manufacturers of PBXs such as Cisco, Avaya, NEC, Broadsoft, and also verified with many more.

## Departmental Access Management

*"I need to keep certain area's secure while also granting access to authorized visitors."*

2N's range of IP based Video Intercoms and Intercom solutions will allow healthcare and hospital administrators to keep area's such as ICU secure from unauthorized individuals, while still allowing staff to gain access. Authorized visitors can request access via the intercom, with 2N offering both audio only and audio/ video solutions.

- Utilizing 2N® Helios IP Eye software, video request's for access can be shown on the PC's at the nurse's stations.
- Video of all visitors can be recorded to any NVR/DVR as all 2N Video intercoms support RTSP streaming

Hospital staff can also use their proximity cards/fobs or even enter a passcode in order to access certain areas with increased security.

Access rights for particular hospital personnel, such as cleaners, might vary during certain time periods. 2N's "Time profiles" feature enables you to define the exact day and time when the passcode or fob will grant access.

## Patient and Staff Communication

*"I need 2-way communication between patients and staff, but also for staff to staff 2-way audio communication."*

2N® Helios IP Uni is the ideal 2-way communication device. It has tamper proof casing and comes in 1 and 2 button versions.

- 2N® Helios IP Uni can connect to 3rd party devices, such as a light in a hallway (or some kind of panel with room numbers). When a page is initiated from the patient, the Doctor or nurse can clearly identify the room of the patient in distress.
- Placing 2N® Helios IP Uni in strategic locations will allow staff to respond to any pages or emergencies

## Non-stop pharmacy/dispensary/emergency room

*"I need 2-way communication with customers and identity verification of patients in need."*

2N® Helios IP Uni is the ideal 2-way communication device. It has tamper proof casing and comes in 1 and 2 button versions.

- Night shift duty can be extremely dangerous for the doctor or pharmacist and therefore secure communication with patients is a must. 2N® Helios IP Force enables the staff to verify the identity of a patient in need and grant an access.

## Zonal Paging

*"I need the flexibility to page into unique zones but also to do an emergency all page."*

2N® NetSpeaker is unique IP Paging and Audio solution.

- Page into over 100 unique zones using either your phone or PC
- Stream background music (Cafeteria, waiting lounges, etc)
- Schedule announcements on a recurring basis (Parking lots, entrances, waiting lounges)

2N® SIP Speaker is a SIP based standalone device that integrates into the existing paging and telephony infrastructure.

- Native integration into SIP VoIP telephony systems
- Powerful in build amplifier, alternatively version embedded into loudspeaker
- Microphone connection for talk-back capability

# Suitable Products

## 2N® Helios IP Force - for External Access Points

- With or without RFID
- With or without keypad
- With or without Camera
- 1W or 10W speaker



## 2N® Helios IP Vario – for Internal Access Points

- With or without RFID
- With or without keypad
- With or without Camera



## 2N® Helios IP Uni – for 2-way communication

- One or two buttons



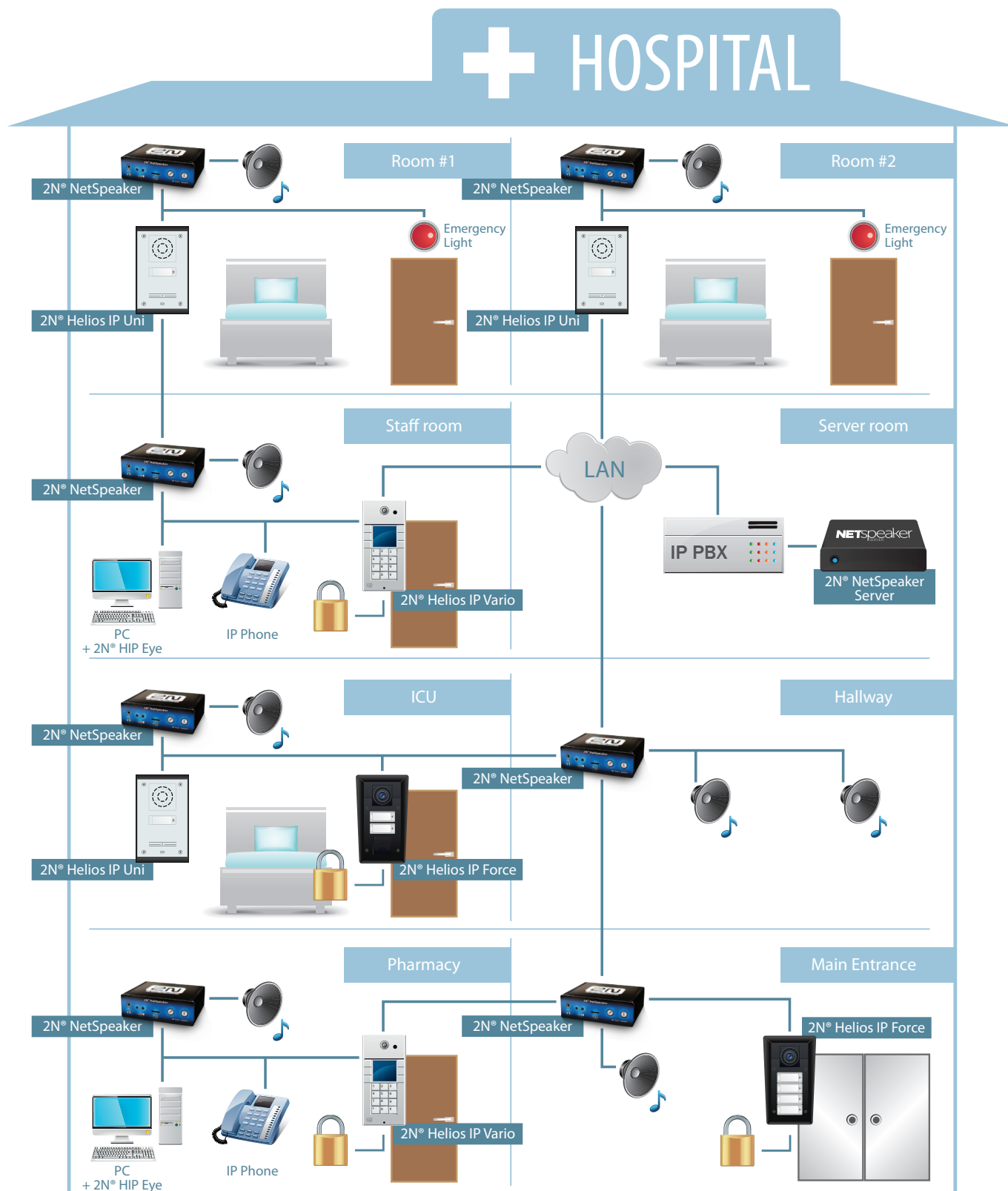
## 2N® NetSpeaker – for paging and audio requirements



## 2N® SIP Speaker – for 2-way communication



## Block Diagram



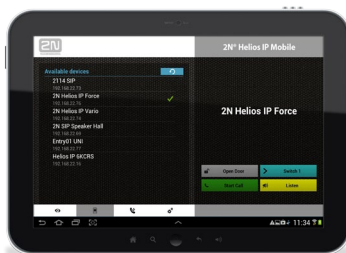
## Software applications:



### 2N® Helios IP Manager

Manage all door intercoms from one place

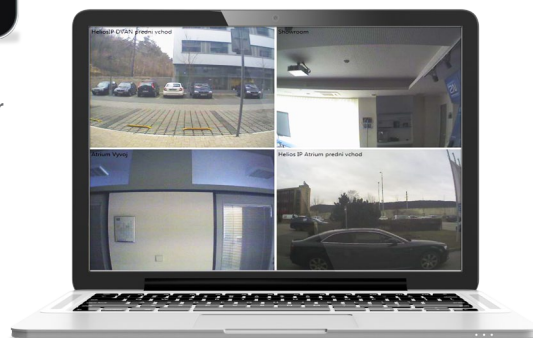
- Effective centralised management of large installations
- Access rights system
- Configuration of display of 2N® Helios IP Vario



### 2N® HeliosIP Mobile

Communicate with a visitor at your door using a tablet

- Accepting the call from the door on the tablet
- Video transmission and lock control
- No need to know any IP addresses



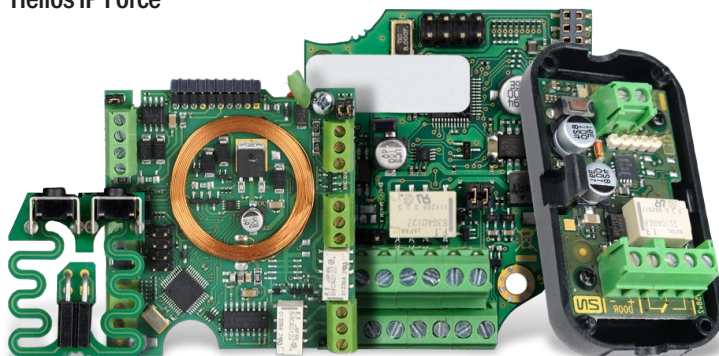
### 2N® Helios IP Eye

Video without a video telephone

- User friendly video to PC
- Multiple intercoms video surveillance
- Lock activation simply with a click

## 2N® Helios IP Accessories:

- Tamper switch
- Card reader for 2N® Helios IP Vario
- Card reader for 2N® Helios IP Force
- Security relay



## 2N® Helios IP Family:



2N® Helios IP Force



2N® Helios IP Safety



2N® Helios IP Vario



2N® Helios IP Uni

The 2N® Helios IP family is a wide range of door intercoms for every situation - whether in security, business, emergency, or any other special area.

From providing simple applications requiring a clear and easy connection to a single IP telephone, to comprehensive communication arrangements integrated into security and signalling systems and IP PBXs. Having the highest quality and certification, 2N ensures compatibility with industry-standard-based IP network solutions such as Avaya, Cisco, and others.



2N TELEKOMUNIKACE a.s.

Modřanská 621, 143 01 Prague 4, Czech Republic, Tel.: +420 261 301 400, E-mail: sales@2n.cz, [www.2n.cz](http://www.2n.cz)