



OPEN THE DOOR TO INNOVATION



2N® HELIOS IP INTERCOM SYSTEMS



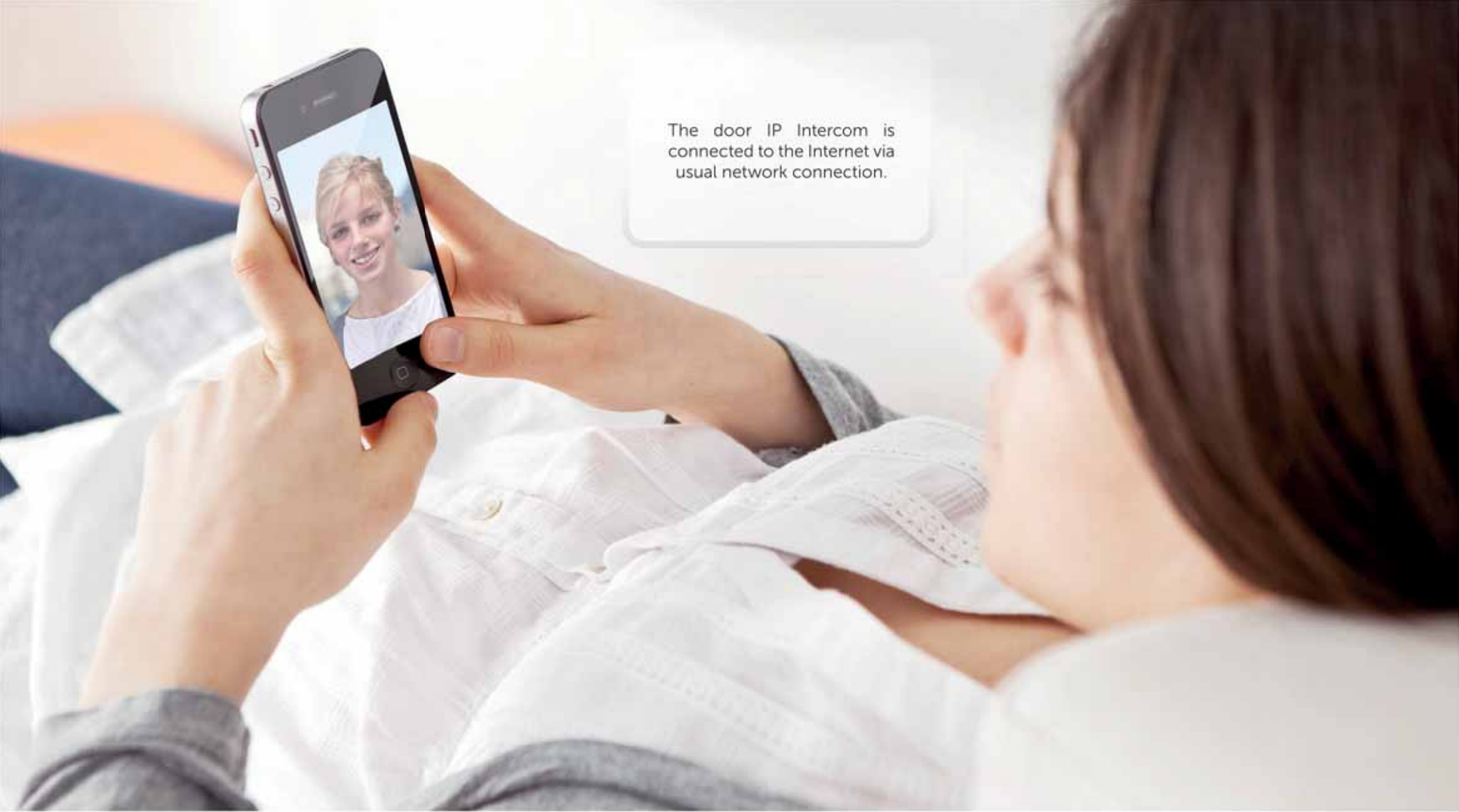
OUR SOLUTIONS ENSURE YOUR COMFORT



ALL YOU HAVE TO DO IS RELAX



SOMEONE IS AT YOUR DOOR



The door IP Intercom is connected to the Internet via usual network connection.

REPLY BY TELEPHONE



WHEN SOMEONE IS LOOKING FOR YOU

Audio as well as video call
can be received anywhere in
the world. Even the door
lock can be controlled from
anywhere providing secure
access control.



YOU CAN BE REACHED ANYWHERE



EASY TO USE

Traditional door entry systems have become part of the residence design, providing wide functionality and extended premise security.



CONVENIENT TO MANAGE

2N® Helios IP Verso

Maximum modularity

HD camera with infrared light
and night vision

13.56 MHz smart card reader
with NFC support

Video and audio for **mobile
telephones and tablets**



Integration with third-party
CCTV systems with **ONVIF
support**

NextGen html5 web
configurator

Programmable scripts
for actions and reactions

Connectable external IP
camera



DESIGNED FOR DEMANDING CUSTOMERS



DESIGNED TO SUIT VARIOUS REQUIREMENTS

2N® Helios IP Vario with Display

A highly sensitive microphone with an echo cancellation for reduction of background noise

Personalized TFT colour screen with images, logo, company presence, quick dial buttons

Personalized phonebook

Indication of the status of the call and door lock status

Backlit keyboard



Colour camera, viewing angle 55° horizontal and 39° vertical

Easy to navigate menu

Stainless steel housing, IP53 certified, outdoor use with accessories

Integrated electrical switch relay for door control



DESIGNED WITH ELEGANCE

2N® Helios IP Vario

One highly sensitive **microphone** with **echo cancellation** for reduction of background noise

Highly visible backlit direct **quick dial buttons**

Wide modularity with up to 54 buttons

Backlit keyboard for telephone calls and opening the door



Colour camera, viewing angle 55° horizontal and 39° vertical

Stainless steel housing, IP53 certified, outdoor use with accessories

Integrated electrical switch relay for door control



DESIGNED FOR MODULARITY

2N® Helios IP Force

Two highly sensitive **microphones** with **echo cancellation** and reduction of background noise

1W or 10W **speaker** for loud environments

Weather, dust and tamperproof, **IP69K certified**

Backlit keyboard for telephone calls and opening of the door

Tamper switch



Night vision colour camera, viewing angle 135° horizontal and 109° vertical

High resilient aluminium housing with an **anti-vandal construction**

Replaceable backlit nametags

Visual & Voice navigation

- suitable for disabled people

Integrated electrical switch relay for door control



DESIGNED FOR SECURITY

2N® Helios IP Force

Specifically designed for users with **hearing difficulty** or **impaired orientation ability**.

Three special **pictograms** signal the status of the intercom.

No configuration needed.

Visual signalling **works automatically** as soon as the intercom is connected.



orange = ringing

(a visitor has pressed the button on the intercom and the intercom is connecting the call)

blue = call

(the visitor is speaking with a responsible person in the building)

green = opened door

(the responsible person has opened the door and allowed the visitor to enter the building, or a card has been used for identification)

DESIGNED FOR HANDICAPPED PEOPLE

2N® Helios IP Uni

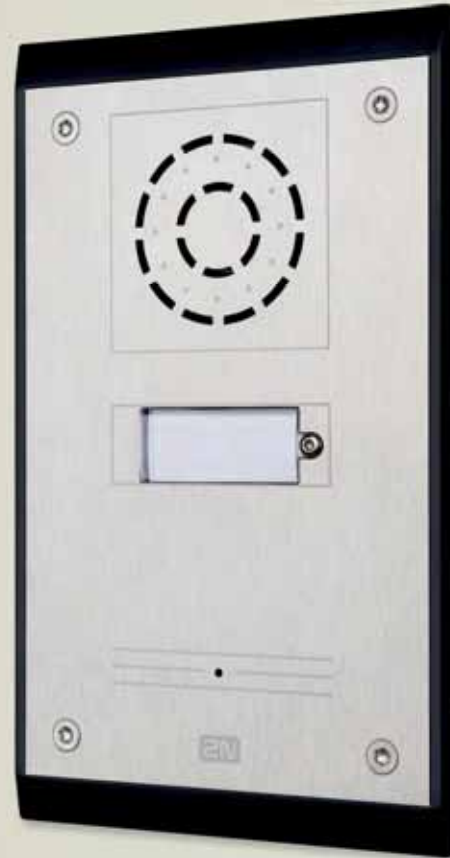
Highly sensitive microphone,
with an **echo cancellation**
and reduction of background noise

1W speaker

Tamper switch

Replaceable backlit nametags

Stainless steel housing,
IP54 certified



Designed for easy installation

Integrated electrical switch relay
for door control

Visual navigation
- suitable for disabled people

DESIGNED FOR EFFICIENCY



2N® Helios IP Uni

Specifically designed for users with **hearing difficulty** or **impaired orientation ability**.

Three special **pictograms** signal the status of the intercom.

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DESIGNED FOR HANDICAPPED PEOPLE

2N® Helios IP Safety

Two highly sensitive **microphones** with **echo cancellation** and reduction of background noise

1W or 10W **speaker** for loud environments

Dust and waterproof, IP69K certified

Tamper switch



Highly visible colour for **easy identification** in poorly lit areas as in highways or motorways

Backlit quick dial button

High resilient aluminium housing and anti-vandal construction

Integrated electrical switch relay for door control



DESIGNED FOR SAFETY

WHEN TECHNOLOGY TRANSFORMS YOUR DAILY LIFE AND INCREASES YOUR SAFETY

The **2N® Helios IP intercom** range not only provides convenient and sophisticated **two-way communication**, but also a comprehensive security solution for firms and individuals. As we all know, there has been an increasing emphasis on security in recent years, and we encounter **various security measures** at virtually every step. At 2N, we also take security very seriously, and we are sure that we can meet all your needs in this area. Regardless of whether your primary interest is a system for building security, monitoring people at the entrance to your premises or connecting your attendance system, all these areas require a **high level of security and protection**. And intercoms in the 2N® Helios IP range, which are equipped with a whole range of security functions, can help you in these areas.

For clarity and easy comprehension, we have created a simple system of symbols called **2N 360° SECURITY SHIELD®**, which encompasses all these security functions. This new form of intercom communication works on the principle that the **customer's needs** come first, complemented by an understanding of the customer's field of business. This is followed by a resolution of customer needs through **security functions**, all capped off with a proposed solution for a specific intercom installation. The simple system of symbols and distinct colour characteristics are complemented by the **cutting-edge technology** itself, which is the very best that the global IP intercom **market can offer** today. We believe this new form of communication will give you a significant competitive advantage and help you stay ahead of the competition.

THE CHARACTERISTICS OF OUR PRODUCTS

Strength

Depending on particular model, the products are designed to be weather and vandal proof.

Robustness

A solid aluminium housing with an anti-vandal design and accessories, high degree of protection from environmental influences.

Reliability

Products certified, tested and guaranteed, with automatic firmware updates via the Internet, including self-diagnostic.

Quality

High resolution colour camera with wide angle lense including infrared night vision; sensitive microphones, full duplex communication with echo cancellation and backlit quick dial buttons with nametags.

Multi Functionality

Access control with numeric code, auto responder function; personalization of the TFT display with messages and logos; access can be restricted by time and code; phonebook search function; management of up to 2000 users; calls can be forwarded to substitute phone numbers or designated persons in the directory such as smartphone or a secretary when there is no reply; RFID card reader.



Security

Control and traceability of access by means of smart card; video monitoring, external IP camera, ONVIF S profile; transmission of multi-media data to e-mail, SIPs HTTPS, protocol 802.1x.



Mobility

Possibility of interacting and activating remote commands anywhere in the world by means of a telephone, smartphone, tablet or computer connected to the Internet.



Control

Ample possibilities of activating functions in time, with specific licences, for performing all the output and input flow control and inspection.



Innovation

Dynamic, elegant design, high resolution display and small dimensions. Technologically advanced functions: transmission of data via e-mail, remote control; audio/visual transmission via RTSP streaming, centralised management; personalisation of sounds and messages. Programming through web interface or centralised management software.

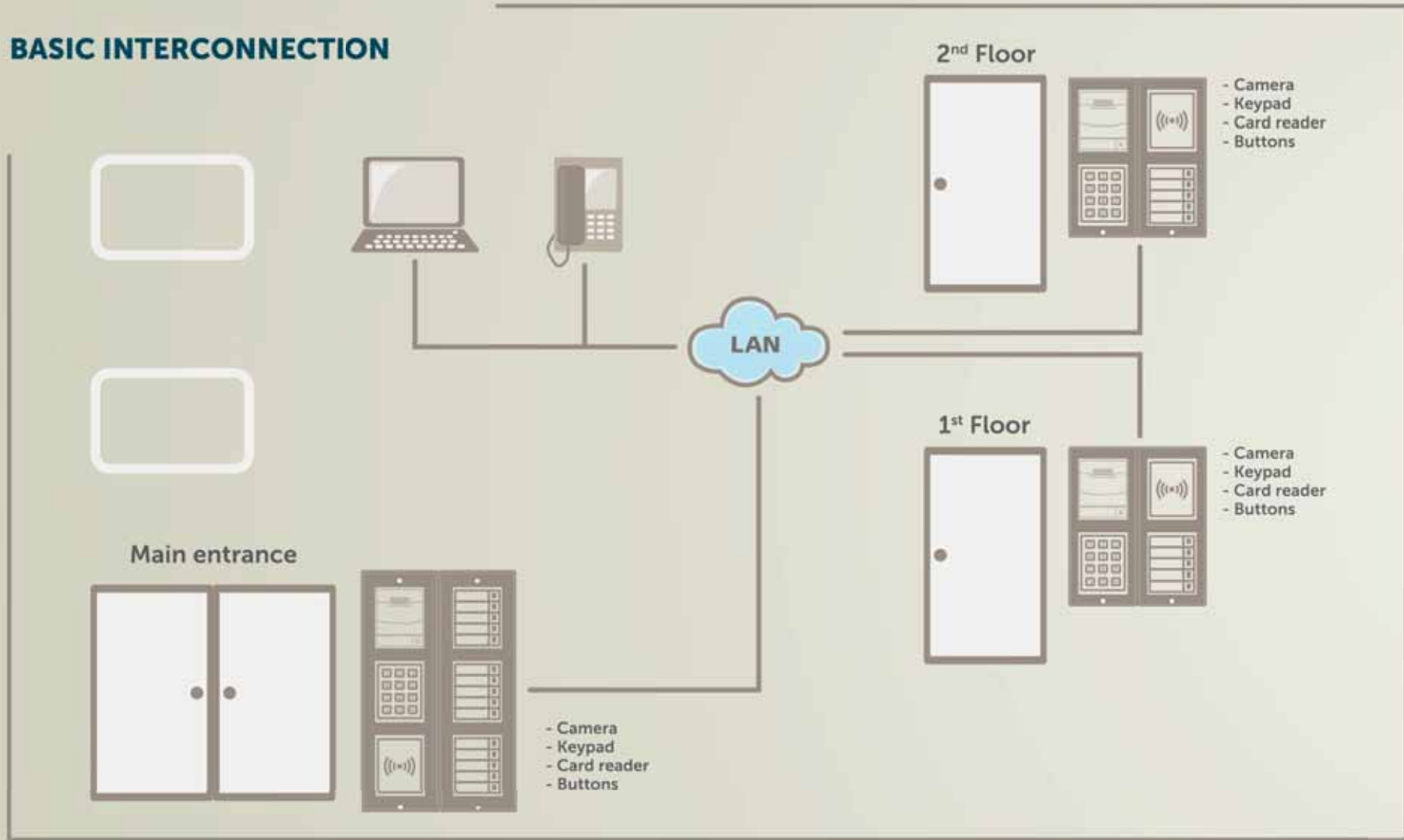


Modularity

Ability to use various configurations, from 1 to 146 quick dial buttons or manage up to 2000 users, colour camera, display; lock control relay, badge reader; internal/external solutions, infopanel.

SIGNIFICANT BENEFITS

BASIC INTERCONNECTION



A WIDE RANGE OF PRODUCTS

2N® Helios IP Verso

Basic module

Extending modules



1 button



Infopanel



Keypad



RFID card reader
125 kHz



RFID card reader
13 MHz



I/O module



5 buttons



Wiegand module



Tamper switch



Blind module

With camera	9155101C
Without camera	9155101

9155030

9155031

9155032

9155033

9155034

9155035

9155037

9155038

9155039

Frames



Flush installation
1 module

9155011



Flush installation
2 modules

9155012



Flush installation
3 modules

9155013



Surface installation
1 module

9155021



Surface installation
2 modules

9155022



Surface installation
3 modules

9155023

Boxes



Flush installation
1 module

9155014



Flush installation
2 modules

9155015



Flush installation
3 modules

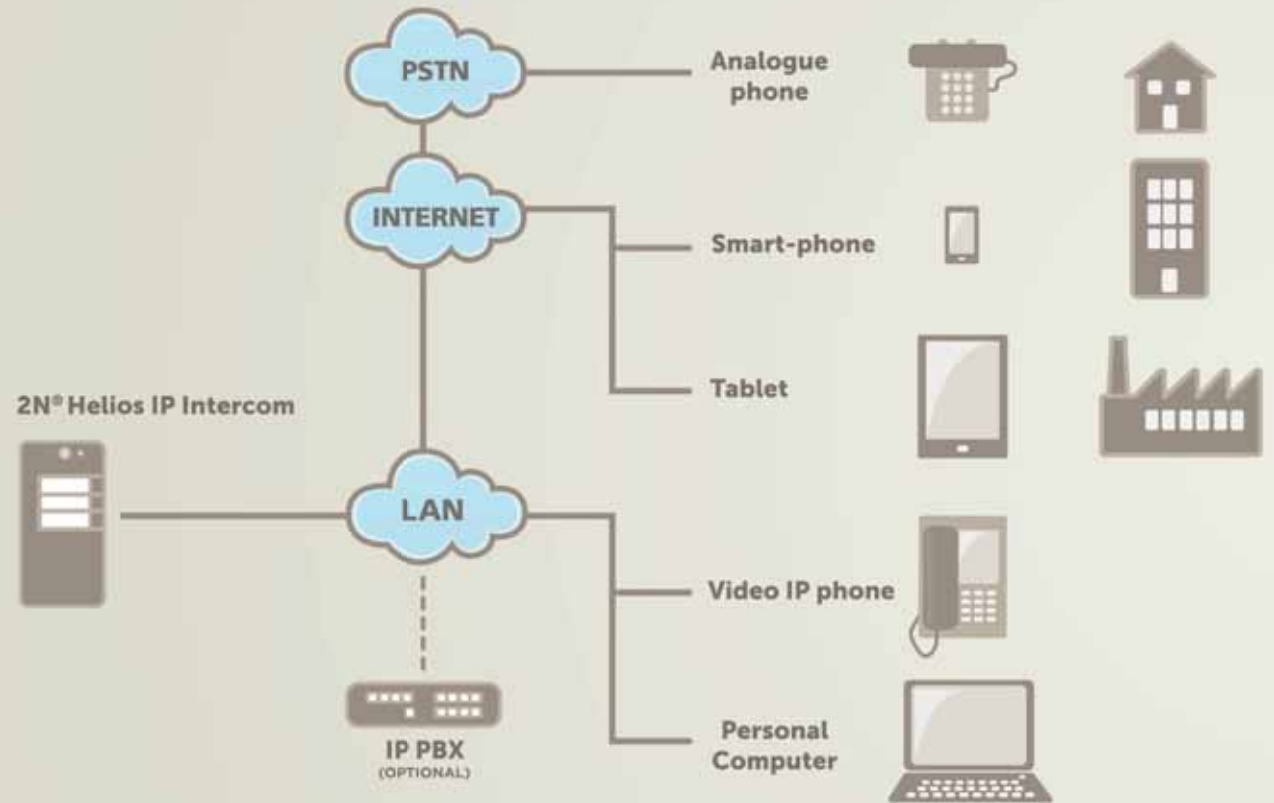
9155016

SPECIFIC PRODUCTS

OPERATING DIAGRAM

The IP Intercom utilizes a **LAN network** or **Internet** for the efficient, convenient management of the communication. The 2N IP Intercoms guarantee a **seamless integration with traditional telephone and IP PBX (VoIP) systems, Physical Security installations and Home Automation Solutions.**

2N provides a complete range of products and accessories that meets your needs with design and **highly innovative functions:** calls to the telephone network, video calls via the local network or Internet, control and trace access, high quality audio and video recording and monitoring with night vision and a highly advanced microphone for filtering and eliminating background noise, access control, an email received in the case of no reply.



A COMPLETE SYSTEM

A WIDE RANGE OF PRODUCTS

2N® Helios IP Vario

Module with display

Basic module

Extending modules



6 buttons + keypad

With camera 9137160CKDU

Without camera 9137160KDU



1 button

9137111CU

9137111U



3 buttons

9137131CU

9137131U



6 buttons

9137161CU

9137161U



1 button + keypad

9137111CKU

9137111KU



3 buttons + keypad

9137131CKU

9137131KU



6 buttons + keypad

9137161CKU

9137161KU



8 button extender

9135181E



16 button extender

9135182E



Infopanel

9135310E

With camera

Without camera

Roofs and boxes



Roof for one module

9135331E



Roof for two modules

9135332E



Flush mount box for one module

9135351E



Flush mount box for two modules

9135352E



Roof and flush mount box for one module

9135361E



Roof and flush mount box for two modules

9135362E

Accessories



Infopanel name plate

9135311E



Name plate 9135301E



Double button name plate

9135302E



Card reader

9137430E



Additional switch

9137310E

SPECIFIC PRODUCTS

A WIDE RANGE OF PRODUCTS

2N® Helios IP Force



With camera	1 button 9151101C	1 button + keypad 9151101CK	4 buttons 9151104C	2 buttons + card reader 9151102CR	1 button + pictograms 9151101CRP
Without camera	9151101	9151101K	9151104	9151102R	9151101RP
With 10W speaker	9151101CW	9151101CKW	9151104CW	9151102CRW	

2N® Helios IP Safety



1 button	
1W speaker	9152101
10W speaker	9152101W

2N® Helios IP Uni



1 button	9153101	2 buttons	9153102	1 button + pictograms	9153101P
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Accessories

2N® Helios IP Force



Card reader
9151011



Smart card reader
9151016



Additional switch
9151010



Flush mount box
9151001



Flush mount box for mounting in plasterboard
9151002

2N® Helios IP Safety



Frame
9152000

2N® Helios IP Uni



Box for wall mounting
9153003

EXCLUSIVE SOLUTIONS

COMMON ACCESSORIES:

Components

									
2N° Helios IP Security Relay	2N° Helios IP Wiegand isolator	Web Relay	External RFID card reader	Electrical Locks	Magnetic contact	2N° 2Wire	PoE Injector (EU/US plug)	Power Supply (12V DC/2A)	Transformer (230V/12V, 1A)
9159010	9159011	9137410E	9159030	Standard electrical lock 932070 With hold-open function 932080 With mechanical unlocking 932090	9159012	9159014	91378100E 91378100US	91341481E	932928

IP Video telephones

		
Grandstream GXV3175v2	Grandstream GXV3140	2N° Helios IP Indoor Touch
91378354	91378351	91378355
		Flush installation box 91378356

Card Reader

(for Vario, Vario with Display and Force versions only)

	
RFID cards	Key fobs
Proximity card EM-4012 (125kHz)	Proximity EM-4012 (125kHz)
9134165	9134166
Mifare RFID for 13,56MHz	Mifare RFID for 13,56MHz
9134173	9134174

Licences

	
Licence for G.729	9137902
Enhanced Audio	9137905
Enhanced Video	9137906
Enhanced Security	9137907
Enhanced Integration	9137908
Gold	9137909

FLEXIBLE COMBINATIONS



CISCO DEVELOPER Preferred Solution

ONVIFS

AVAYA

Grandstream Innovative IP Voice & Video

BROADSOFT

Alcatel-Lucent

ASTRA A2p2 Certified Member

Compatible



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