



## 2N® Access Commander software

Prevent the entry of unauthorized persons to your building with the 2N IP access control system. The nerve centre of the whole solution is 2N® Access Commander software with its intuitive web interface, simple operation and powerful features. Ready to be integrated with third-party systems, it can be a part of comprehensive, robust solution.



- |                              |                          |
|------------------------------|--------------------------|
| Office buildings             | Residential complexes    |
| Campuses and schools         | Business centres         |
| Governmental buildings       | Hotels and accommodation |
| Small and medium enterprises | Healthcare               |

### Access control configuration

2N® Access Commander software allows you to configure access rights for all employees and visitors to your organization. Specify who has an access to particular door or zones during a specific time period.

### Bulk management of 2N devices

Manage effectively your 2N IP intercoms and 2N access units in larger installations. Copy the settings between 2N devices, backup their configuration in one click or divide them into common zones.

### Operation via the web interface

Everything is set up via an intuitive, user-friendly web interface, which is customized according to the user's needs, available in 7 different languages and accessible from anywhere.

## Two ways of distribution

### 2N® Access Commander

The 2N® Access Commander is distributed as a complete package in the .OVA format. It has to be imported into virtual systems such as Oracle VM VirtualBox, VMware (v5) or Microsoft Hyper-V. This kind of distribution is suitable especially for large companies that already use virtual systems for another applications (e.g. mail servers, databases, firewalls, etc.). Unlike common access control systems, 2N® Access Commander takes an advantage of an IT-friendly language. A complete installation and full control of the system is, therefore, a matter of minutes.

- Designed for large-sized installations
- Installation on a virtual server
- Secure, stable and scalable



### 2N® Access Commander Box

The 2N® Access Commander Box is distributed on embedded, ultra-compact computer. This plug and play solution is tailored to be installed within a minute by any installer and is intended mainly for SME market with up to 50 connected 2N devices. There is no need for a dedicated server in the company and also no need to pay an extra to IT guys for initial installation. Just take the PC out of the box, connect a power supply and Ethernet cable and start using it! The installation has never been easier.

- Tailor-made for SME
- Plug and play solution
- Limited to 50 devices



### Built-in Time & Attendance

Time & Attendance system is a native part of 2N® Access Commander software. It records an attendance of employees that can be viewed via the web interface or exported to XLS or CSV file.

### Device monitoring and notifications

An admin finds out with one glance if all devices are up and running smoothly. In case of any alarm or disconnection, they are immediately informed by email or via notification icon.

### Visitor card management

Let your receptionist effectively manage visitors' cards directly in 2N® Access Commander. The visitors will have only time-limited access to specific locations and their movement will be monitored.

### Access logs supplemented by snapshots

Selected access logs and alarm notifications such as door forced open alarm are supplemented by a sequence of pictures from 2N IP intercom.

### User presence report

Check if your colleague is in the office or print the list of all users present in the company with their last location for emergency cases such as building evacuation.

### Multiple site control

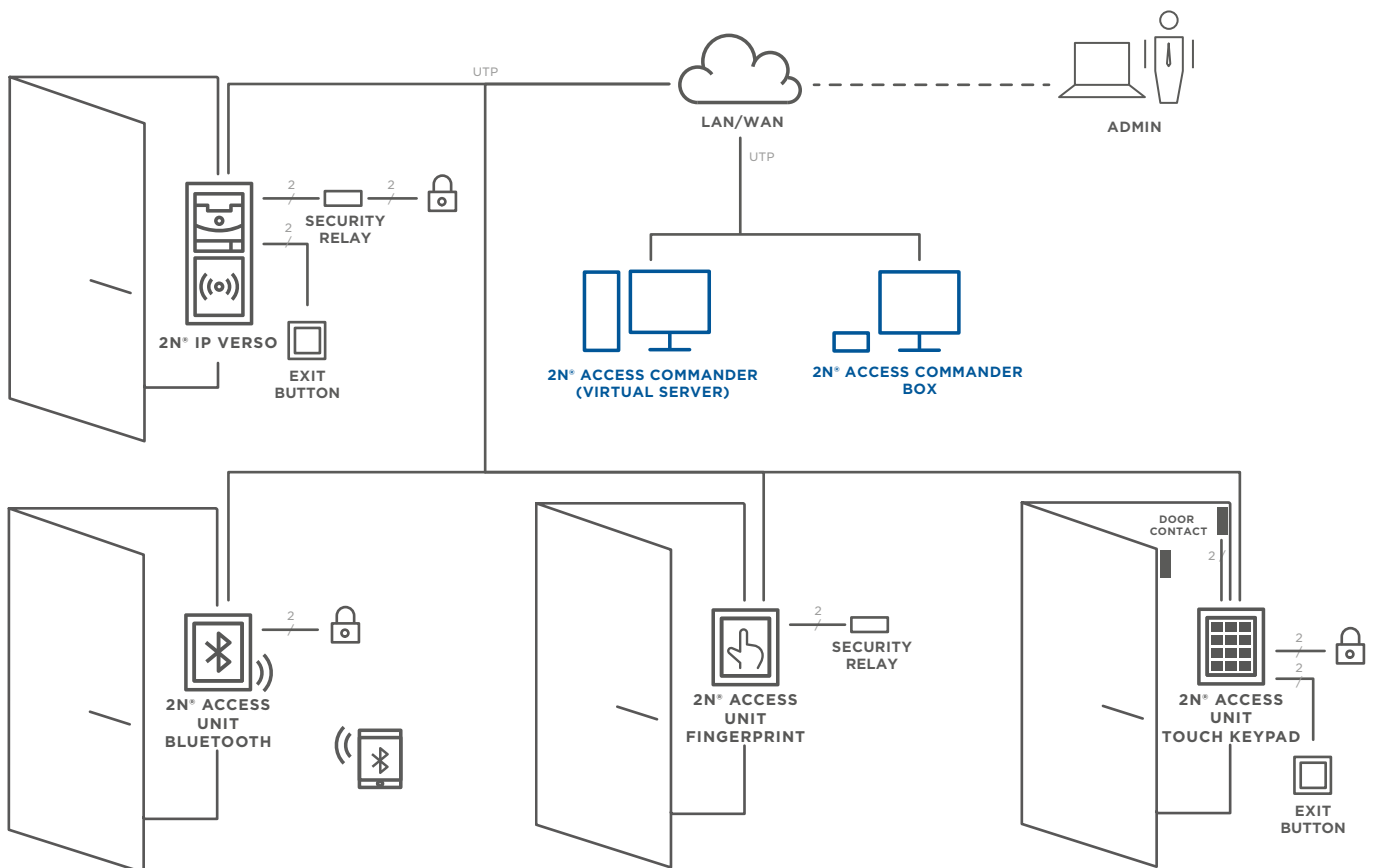
An ideal solution for a company that has branch offices in different cities. An admin oversees the access control system installed in all buildings and manages the devices from a single location.

### Active Directory synchronization

Interconnection with Microsoft Active Directory via LDAP protocol ensures that all users will be automatically created and periodically synchronized with 2N® Access Commander.

### Supports integration via API

2N® Access Commander is ready to be integrated easily with third-party systems such as time & attendance or CRM systems using the REST API interface.



# 2N® Access Commander software

2N access control systems



2N® ACCESS COMMANDER

Apps available on  
[www.2n.cz](http://www.2n.cz)



2N® ACCESS COMMANDER BOX

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## TECHNICAL SPECIFICATION

### 2N® Access Commander

#### General

- Access control software distributed as a complete package in the .OVA format
- Intended to be imported into the virtual systems such as Oracle VM VirtualBox, VMware (v5) or Microsoft Hyper-V
- The server should be up and running 24/7 as it records all logs and events from connected 2N devices

#### Example of HW requirements for the PC / server

The specifications below are relevant for 50 devices (2N IP intercoms and Access Units) connected to the 2N® Access Commander and an unlimited number of users.

Operating system	Any 64-bit system (Windows, Linux, OS X, Solaris)
CPU	2GHz & 2 cores (64-bit)
RAM	2GB
Internet connectivity	Needed for the software upgrade (512kbps at least)

#### Limitations

- Without any limitations in number of connected devices and created users
- Depends only on the server parameters (CPU, RAM, etc.)

#### Supported browsers (common for both versions)

Optimized for	Google Chrome browser (version 60 and higher)
Other supported browsers are	Mozilla Firefox (version 55 and higher), Internet Explorer (version 11 and higher), Microsoft Edge (version 40 and higher)

As other browsers have not been fully tested, their full functionality cannot be guaranteed.

### 2N® Access Commander Box

#### General

- Access control software pre-installed on an ultra-compact, powerful computer
- The computer should be up and running 24/7 as it records all logs and events from connected 2N devices

#### PC specifications

Power supply	19V / 2.1A DC (40W)
CPU	2.24GHz (Intel® Celeron® Processor J3160)
Hard drive	32GB (2.5" SSD SATA III)
RAM	4GB (DDR3 SODIMM memory)
Dimension	56.1 x 107.6 x 114.4mm (0.69L )
Connectors	VGA, HDMI, Gigabit LAN port
Mounting	VESA mounting bracket
Operating Temperature	0°C to +35°C
Storage Temperature	-20°C to +60°C

#### Limitations

- Max. 50 devices
- Recommended for up to 1000 users (but not limited)

## HARDWARE & SOFTWARE

**2N Access Units** – IP access control edge device working with different type of credentials (PIN code, RFID card, fingerprint and mobile)  
**2N IP Intercoms** – a reliable door stations for secure and comfortable audio and video communication with your visitors

**2N® Network Scanner** – application for detecting 2N® Access Commander and 2N® Access Commander Box in the network