



## Comprehensive Access Control Platform

Just some of the many advantages in designing both the hardware and the software

### Say Goodbye to "one size fits all"

Not all areas have the same control needs, which is why NÜO One offers a wide range of devices that adapt to each kind of door: 27 different readers; 10 controllers; 3 door units and 3 I/O modules. NÜO One finds the balance between capability, efficiency and economy.

You won't find another system where everything is so integrated

### 100% Compatible 100% Integrated 100% Secure

With NÜO One, there are no incompatibility problems between elements. The Software and Hardware are made for each other. It has never been so easy to implement and set-up an Access Control System. NÜO One is the comprehensive platform where everything runs smoothly.

## NÜO One Controllers



### Distributed Intelligence

NÜO One connects the devices to the server's software application via the controllers. The controller identifies who can pass through, when and through which doors. The system does not depend on a computer, and if there is a communications breakdown, the access system remains fully functional.

With NÜO One everything fits into place the first time round

### The most logical and secure structure

With NÜO One, the door elements are wired to a secure point. It is impossible to access the company's network or force a door open by manipulating the connections from the reader. The readers do not use obsolete Wiegand connections, and nor do they contain a data network connection, as this is located in the controller. A high-speed bi-directional bus communicates controllers with readers in order to set-up the system, send fingerprint patterns, update the firmware, or to monitor the power supply status of all the devices. All in real time.



**nūo Sky**  
Comprehensive System for Outdoor Access Control. Devices designed for heavy-duty use under extreme environmental conditions.

**nūo Park Matrik**  
Controller for car park access control management and automatic license-plate recognition.

**Car Parks**  
NÜO One resolves issues related to vehicle access to the company's private car park and its management. Access is controlled through automatic license-plate recognition, UHF card, long-distance reader, MIFARE Plus® cards or the latest in biometrics thanks to NÜO Awa readers designed to work outdoors. NÜO One also integrates W&M video-intercom with the latest audio and video technology, and NÜO Sky outdoor posts and modules.

**W&M Voxtor**  
The video-intercom that sets a new benchmark for beauty and endurance

**nūo Awa**  
Combined biometrics + proximity reader with multi-spectral optical sensor and Bluetooth technology. Flush mounted in a wall or surface mounted for outdoor use.

**Smart Configuration**  
NÜO controllers automatically recognise any devices within the NÜO family. Everything is designed to integrate almost automatically. All you have to do to set up the doors is to select between the various options available: standard, automatic, emergency, turnstiles, lift, car park, etc. NÜO One automatically sets-up the controller, the devices and all the entrances and exits, so you do not need to worry about anything else.

**Lifts**  
Access control for lifts is an essential part of building security management. NÜO One guarantees communication with the machines and direct control over the cabin button. The application can be used to assign access permits for the floors that every user or group of users are authorised to visit.

**Appliance**  
NÜO One provides a maximum security environment to run and operate its platform. It includes all the hardware and software resources required to guarantee operation in any scenario: processor, memory, storage, communications and redundancy.

**Performance** guaranteed 24 / 7  
The NÜO One application guarantees ongoing, uninterrupted performance, meeting the strictest demands of "high availability" including monitoring services in servers with complete physical redundancy. This together with the NÜO One software services and the NÜO controllers and readers, guarantees fail-safe operations.

**nūo Sky**  
Comprehensive System for Outdoor Access Control. Devices designed for heavy-duty use under extreme environmental conditions.

**nūo ID**  
Long distance UHF card reader for outdoor facilities.

**nūo Air**  
MIFARE Plus® proximity card reader, flush or surface mounted for outdoor use.

**Integration with third party systems**  
CCTV, domotics, automation, energy efficiency and alarm systems: advanced integration functionality with third parties via specific controllers. One centralised control point that keeps the NÜO One platform stable.

**nūo Key**  
Proximity card reader With capacitive keyboard and Bluetooth, surface mounted outdoors.

**nūo**

# nüo One

## Comprehensive Security Management Platform

It has never been so easy to implement and set-up an Access Control System

### WEB Application

It is surprising how simple it is to carry out all the operations via the latest-generation responsive web interface. Its flawless design and communications using digital certificates guarantee absolute security.

### Multisite

NÜO One makes it possible to comprehensively manage a company's security when it has offices on different sites. Data can be managed and accesses can be set-up for all users, from one single control centre.

### Command Operator

Operating post to comprehensively manage building security, consisting in one work station with 2 UHD monitors view the NÜO One zones simultaneously: planimetrics with automatic zoom and movement, CCTV with smart layout, access control, visitors, intruders, video-intercom, patrols and automation. Notifications with action protocol assistant. Biometric identification of the operator, audits and operation records.

NÜO One will make you realise that we have thought of every last detail

### 100% integrated biometrics

Biometrics are fully integrated into NÜO One. The application, controllers and readers manage fingerprint patterns as something that comes naturally, guaranteeing accurate identification. Everything is automatic: from registering a user's fingerprint to updating the readers. NÜO One enables the user to simultaneously run three types of fingerprint technology: capacitive, optical and multi-spectral.

The most intuitive and easy-to-use access control system

### Capacity Control

Creating anti-passback zones facilitates access management and makes easier control the number of people in particular zones. If an evacuation is needed, then the capacity control function enables the user to know who is still inside the facility. Meeting points can be established for emergency situations and compulsory presence can be guaranteed for maximum security facilities.



### Watch & Mochi

Video-intercom with IP technology. An absolutely innovative solution featuring the latest audio and video breakthroughs



www.bytechplanet.com



### NÜO One + W&M

Access Control + IP Video-intercom  
COMPLETE INTEGRATION

### Visitor pre-registration

NÜO One incorporates visitor management, which includes a document reader, taking a photograph and issuing credentials. But if you need something more, the NÜO Visitor applications allows visitors authorised by Department Heads to be pre-registered, manages car park spaces and boardrooms reservations for meetings, and much more..

### Web Operator

Based on the user authorisation profiles, operators can carry out set-up, administration and data search tasks from any browser. A simple matrix is all that it needs to easily and flexibly set-up the different operator permissions. The NÜO One spaces are: CACC, Visitors, CCTV, Intruders, Communication, Planimetrics, Patrols, Automation and Notifications.

### nüo Tok H

Battery-driven electronic door handle with proximity reader.

### nüo Surf

MIFARE Plus® proximity card reader surface mounted.

### nüo Swip

Biometrics + proximity reader with capacitive sensor and display.

### nüo Tok K

Battery-driven electronic knob with proximity reader.

### nüo Chic

Combined biometrics + proximity reader with optical sensor and touchscreen display.

### nüo Time

Combined biometrics + proximity reader with touchscreen display for time & attendance management.

### nüo TT

Standalone reader for identifying, retrieving and storing visitor cards.

### nüo Flux

MIFARE Plus® proximity card reader Flush or Surface mounted.

### nüo Pass

Combined biometry + proximity reader with optical sensor Flush or Surface mounted.