

# SUCCESS STORY

2N technology in the heart of Luxembourg



## CHALLENGE

Luxembourg City went through an extended transformation, which included changes to its transport infrastructure and the creation of an entirely new 'smart city' district, La Cloche d'Or. The residences in the new district are exclusively high-end apartment buildings, with a modern design and integrated "smart home" features. The challenge for the property developer was to create a completely connected neighbourhood where all of the apartments are equipped with an integrated, reliable system. The same applied to the safety of residents and the protection of their property. For this reason, one of the main requirements was the ability to integrate the access control system with a Home Automation system. As a result, DOVIT, the integrator and our partner, defined the following requirements:



Deliver an open, integrated and reliable solution



Provide residents with simple and secure digital access



The ability to answer the door from anywhere in the world



Easy integration with a home automation system



Luxury design matching the attractive apartment buildings

## SEAMLESS INTEGRATION

Thanks to the integration of 2N with Dovit's home automation system, users can now enjoy all of the functions of their Smart Home from one unique interface, including answering visitors, opening doors and receiving notifications.

## CONVENIENT AND SECURE ACCESS

Owners and tenants can securely access their apartments using an NFC/RFID reader. Once their mobile device is synced, they can simply touch the outdoor module to gain entry (their mobile can even remain in their pocket).

## MODULARITY

The 2N® IP Verso provides additional options for access technologies that can be added in the future, e.g. Bluetooth module, Fingerprint Reader module and Touch Keypad module.

## SOLUTION

Our partner decided to use products from the 2N portfolio to address this challenge:



### 2N® IP VERSO

A total of 82 **2N® IP Verso** intercoms were installed at each of the entrances to provide secure access to over 1,200 apartments. The IP Verso was selected mainly due to its modularity, luxury design and enhanced capabilities.

The intercoms have a modern touch screen and an **NFC/RFID reader**, therefore using the modularity exactly according to the user requirements. In addition to the RFID cards, a mobile phone can be used for identification.

**Dovit's Smart Home solution** then connects the 2N intercoms to all multimedia devices (touch screen, TV, smartphone, etc.).

Residents control all of the functions of their **Smart Home** (lights, blinds, temperature and security system), including visitor calling and door control, from one interface.



### 2N® MOBILE KEY APP

Residents only need the **2N® Mobile Key app** on their smartphones. The user can then enter the door by pressing a button in the app, or at the touch of a reader.



### 2N® MOBILE VIDEO APP

In addition, residents can monitor what is happening outside their entrance via the **2N® Mobile Video app**, which also allows them to open the door from any place around the world.



*We like the flexibility of 2N's products, as we are able to choose the number of modules and the different functions we need, which allows us to customize every IP intercom and get the perfect product for every building and entrance.*

**Claudio Gomes**  
integrator for Dovit solution

*2N intercoms perfectly met the needs of our project in terms of modern design, functionality and reliability. The integration between the intercoms system and the Home Automation system was also very smooth. Our residents now enjoy a true smart city solution with all of the services they need in one application.*

**Jean François Rouwette**  
director of projects Dovit