

SUCCESS STORY

Leading supermarket chain Lidl adopts 2N access system in the UK



CHALLENGE

The **Lidl brand** was founded in Germany and has grown into one of Europe's leading food retailers. When the company began planning the construction of more than **50,000 m² of new distribution centres across the UK**, they needed highly secure premises with efficient haulage traffic throughput. This necessitated a centralised access control system which could meet the demands of 24-hour vehicle access in all of the regional distribution centres, whilst being flexible enough to provide remote system maintenance and auditing from a central control point. When we were asked to provide the new access system, the requirements were clear:



A scalable IP access control system



Modern high-quality design



Products that can withstand the most demanding weather conditions



Easily integrated with the existing central phone system



A cost-effective solution



Simple installation and administration

SECURE ACCESS & ROBUST PROTECTION

The distribution centres gained a reliable IP access control system using the call button modules and integrated cameras, achieving a greater level of security and traffic efficiency. The intercom system includes an anti-vandal solution with the highest durability according to IP69K and IK10 standards.

FUNCTIONALITY

The integrated 2N access solution is simple to use - access authentication is done via intercom video calls to security, reception and logistics offices. The system provides additional options for further access technologies that can be added in the future, e.g. Bluetooth module, Fingerprint Reader module or the 2N® Mobile Video application.

SIMPLE ADMINISTRATION

The 2N intercoms can be set up remotely via 2N® Access Commander so that the security agency can monitor the distribution centres in real time. In addition, the administrator can also access all devices remotely via a secure cloud connection.

This was a very large project to undertake. When we were reviewing the options, our focus was on finding an already proven, reliable solution with excellent usability. 2N was certainly able to provide that and exceeded our expectations in terms of service via the distribution partner and the efficiencies they were able to deliver.

Lidl UK

SOLUTION

Working directly with the Lidl GB Network & Security Team, our partner decided to provide a network of IP-connected intercom systems for each distribution site, and use the 2N product range to address this challenge:



2N® IP VERSO

Each site features multiple vehicle and pedestrian access locations, some on 'gooseneck' stands – at **dual heights** for both haulage vehicles and staff cars – and some single height units at door/gate access points.

Access validation is done via intercom video calls (to security, reception and logistics offices) from **2N® IP Verso** audio-visual intercoms featuring a colour camera and additional **5 Call Button Module**.



2N® IP FORCE

2N® IP Force intercoms were installed at the areas with higher-than-normal ambient noise levels, using the **4 Call Buttons and integrated camera**. The wide-angle HD camera monitors events around the intercom and has 135° wide viewing with a night vision model. **It is also the toughest IP intercom on the market**, combining an anti-vandal solution with an elegant design.



2N® ACCESS COMMANDER

The **simple integration** to the existing central phone system allowed the 2N® IP intercoms to provide flexible communication with incoming and remote door/gate openings.

The configuration and management of the complete access system is ensured by **2N® Access Commander**.



We are operating in a highly competitive environment and look for advantages in every aspect of our business. Access control is no different and 2N's products give us efficiency in the systems we provide, as well as the most up-to-date and high-level security which is demanded these days. This adds real business value to all of our customers.

Matt Raban
2N UK