2N CASE STUDY: ENSURING SECURITY IN SCHOOLS

CHALLENGES

- **Ensuring the security of both employees and pupils**
- **Support for third-party devices**
- **Creating a solution which could be centrally managed**

The Customer

Eastern Voice & Data are specialists in the supply, support and installation of IP products. Their portfolio covers a range of IP devices including:

- Business Telephone Systems
- Hosted Telephone Systems
- Data network cabling
- IT support
- CCTV
- Access Control Systems
- Business Broadband
- Mobile Phones
- Cloud Computing
- PA systems
- Business Grade WiFi

Eastern Voice & Data supply to a range of businesses including those in the public sector, hospitality and private sectors.

Always striving to provide the very best experience to their customers, Eastern Voice & Data work with carefully selected manufacturers and suppliers to ensure an optimal level of service.

Working alongside ProVu Communications, Eastern Voice & Data supply 2N's range of IP Access Control Systems.

Business Challenges

Eastern Voice & Data set out to create a secure, easily manageable solution for its client, a specialist academy providing 24-hour curriculum for students with social, emotional and mental health difficulties. With a high turnover of staff, the academy found that they were spending a lot of time visiting sites to update their systems and ensure access rights were removed from former employees.

The key factors Eastern Voice & Data were faced with include:

- **Security** - Security is key in educational institutions, the site needed to be secure whilst also allowing staff to be able to access areas at the push of a button or swipe of a key fob.

- **Integration** - The solution needed to integrate with the existing systems and be easily managed by the central IT team.

Eastern Voice and Data approached 2N and ProVu for assistance in creating a solution which would:

- Ensure security for the Academy pupils and staff members
- Integrate with the client's existing systems
- Provide a remotely manageable solution
- Be easy to use

ProVu Communications, Savile Mill, Savile Street, Huddersfield, West Yorkshire, UK, HD3 4PG | +44 (0) 1484 840048 | contact@provu.co.uk | www.provu.co.uk

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The Solution

Security in schools is key and was the utmost priority when creating this solution. ProVu worked alongside 2N and Eastern Voice and Data to develop the ideal solution to address their application. The recommended solution consisted of:

- 2N® IP Force Intercom with camera
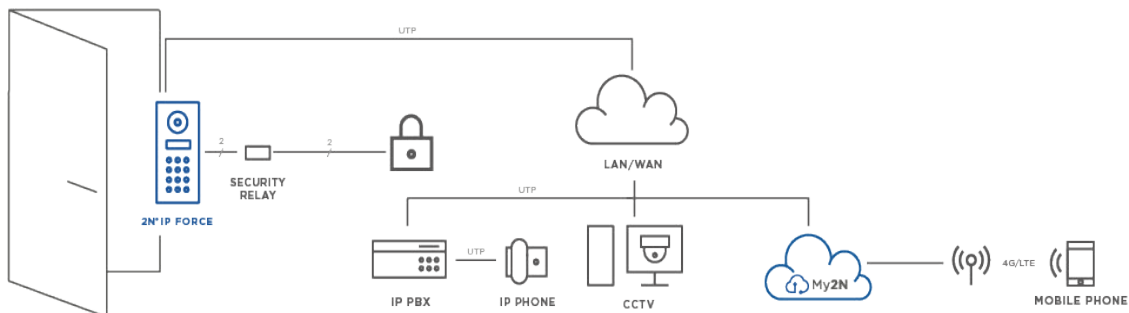- 2N® Access Units
- 2N® Indoor Touch
- RFID cards

With an IP rating of IP69K, the 2N® IP Force provides a robust intercom. This was placed on the gate at the entrance of the Academy and connects to the 2N Access Unit via an IP network and 2N® Access Commander.

Upon arrival, visitors simply press a button which automatically sends an alert to the Indoor Touch units which were installed in the reception area. Staff in the reception area were then able to see and speak to the visitors via the 2N® indoor touch screen or through their deskphones, enabling staff to grant or deny access from their desk.

The 2N® Access Units were then installed throughout the academy to maintain security around the premises. All members of staff and pupils were then given their own RFID card which is configured via the 2N® Access Commander App to enable access to the relevant areas. The RFID cards also double up as an ID card for all users, helping to reduce costs and minimise the risk of them being misplaced.

How it Works

All of the deployed devices in this solution connect by IP and were placed on a separate VLAN. Compatible with a wide range of third-party devices, 2N's range supports the connection of existing infrastructure such as IP desk phones, DECT phones and visual alerters. Eastern Voice and Data placed this solution on its own VLAN to separate data from other devices on the network, helping to protect and ensure resiliency for any future developments. For ultimate security, this solution also has the ability to be used to automatically trigger a lockdown should it be required, helping to protect the safety of the Academy's pupils and its staff.

The Results

Eastern Voice and Data are now looking to expand this 2N Access Control solution across the Academy's other sites. Through the implementation of this solution, Eastern Voice and Data have reported the following results:

- A more robust, secure system to ensure employee and pupil safety with automated preferences enabled. i.e. gates locked throughout the night and access to learning facilities disabled out of hours.
- A significant reduction in time and costs used for site visits - the system can now be remotely managed and updated from anywhere.

> We put a lot of work into ensuring every product and supplier we work with is the best option for our customers. We pride ourselves on providing the very best experience for our customers and like to ensure that the companies we work with are knowledgeable about the products they're providing and can ultimately support us in fulfiling the experience we want to provide.
>
> Following our research, we found both 2N and ProVu to be the best option available to us. The 2N product range offer a wide variety of high quality products which can work alongside our hosted offering - this is incredibly important to support the cross selling of our products and services.
>
> We found working with ProVu and 2N a very positive experience. Everyone we dealt with at ProVu was incredibly knowledgeable about the product set and advised us how we could best set up the system to work how our client wanted it to. They were clearly invested in the project and were a great asset to helping us create some outstanding results!
>
> **- Andrew Mash, Technical Sales Manager, Eastern Voice & Data**

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