

# CASE STUDY:

## CS Comms

### Network Design & Installation

ACCREDITUK  
ASSURED QUALITY FOR IT

Much more than 'just another certification'.

CS Communications Services Ltd, a voice and data specialist based in the Midlands has been awarded the prestigious Accredited UK Standard, which recognises the best technology suppliers in the country.

CS Comms has clients around the country and is planning to use the Accredited UK standard to help grow their business. By completing the Accredited UK standard, they have been recognised as providing an efficient, honest and reliable service.

Martin Lake, Director of CS Comms, went on to explain why they decided to take part in the Accredited UK certification: "We are already accredited by BSI with an ISO 9001 certification. We have always had the vision to reach for excellence in all that we do. We want to set ourselves apart from others. The Accredited UK certification works hand in hand with ISO9001. As we are involved in the early stages of the standard we are benefitting from the growing brand awareness – we believe that Accredited UK for technology suppliers will be the equivalent of Capita's 'Gas Safe' (formerly known as 'Corgi') registration for plumbers. Even going through the process has helped us to improve our sales and marketing processes."

#### ***CS Comms provide a structured cabling and electrical solution at Tudor Grange Academy***

Tudor Grange Academy in Worcester is rapidly developing a reputation as one of the leading schools in its district, successfully building a positive profile with parents and local businesses.

They have constructed a broad, balanced, innovative and motivating curriculum, individually tailored to their students' needs, to ensure each pupil becomes an active member of their local, national and international communities.

#### ***The vision***

The vision of the Academy is built on a set of core values:

- Meeting the needs of every student
- Quality in every aspect
- Raising horizons
- Blending tradition and innovation
- The whole being greater than the parts
- Being inclusive and collaborative

#### ***The requirement***

To deliver the Academy's ongoing promise to improve internal services aligned with their commitment to IT, the decision was made to develop their data and electrical infrastructure in two school blocks, E and R.

In total, the installation of two hundred plus network outlets was required in six different data cabinet locations.

Additionally, the installation of thirty electrical sockets was specified and upgrades to the ring main were necessary to accommodate the additional power requirements.

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### ***The Project***

CS Comms were appointed to manage and implement the project.

One of the crucial elements to the scheme was the challenging timescales. All of the installation work had to be completed during the summer holidays, so planning was critical.

To add to the workload, additional requirements were identified with regard to the AV systems within the classrooms.

The ICT suites were redesigned, which meant changes to the positions of the Smartboards in each classroom, to allow all pupils to see them. This created additional challenges as the beam positions in the classrooms negated the use of the Academy's existing equipment. However, CS Comms resolved the issue by sourcing unique products available through one of their Audio Visual partners.

Apart from the Smartboard moves and changes, CS Comms also supplied a Onelan AV system and installed the infrastructure to support it. The Onelan solution was installed into three different areas in E Block and L Block.

During the project there were several amendments and additions. CS Comms implemented these at a moment's notice. A good example involved the Lead Teacher's room.

This area was used to brief all current and new members of staff prior to the Academy doors being opened officially for the first time. The Lead Teacher room was created by joining two existing classrooms to form a new teaching area. Power, lighting, AV and data requirements were all fulfilled by CS Comms within a 24-hour period using both new and existing equipment.

### ***The Result***

In total, over two hundred network points, forty electrical sockets, several lighting amendments, ten various AV changes and the Onelan AV solution were installed.

Despite all of the additional requirements that were implemented during the project, CS Comms delivered and completed on schedule.

Upon completion, test certificates were issued. Digital copies were given to the customer accompanied by photographs of all cable routes taken by CS Comms.

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