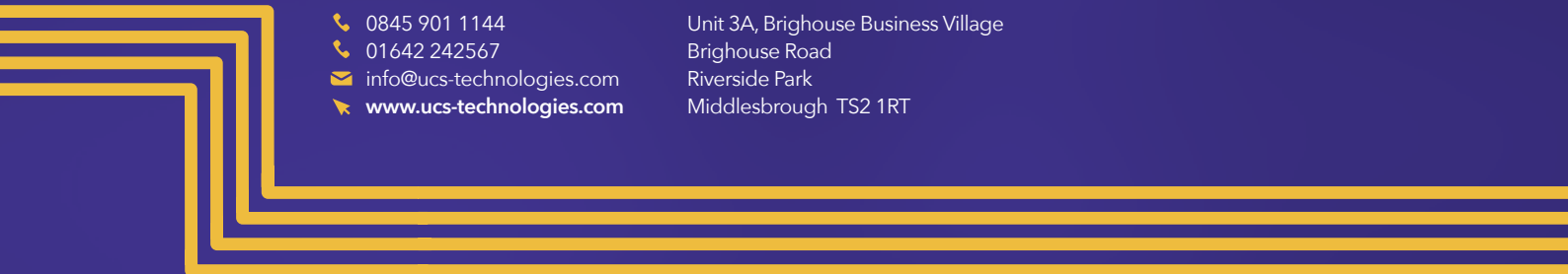




 **UCS**  
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# Business Solutions You Can Trust



Networking



Audio Visual



Energy Solutions



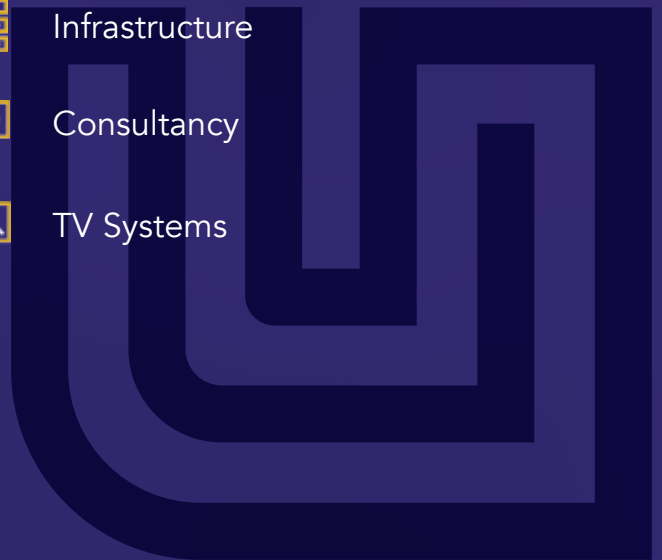
Infrastructure



Consultancy



TV Systems



# Welcome to UCS

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# About UCS Technologies



## Business solutions you can trust

At UCS Technologies we make communications simple. We design and deliver reliable IT network infrastructures that make your communications modern, secure and dependable. These include:

- Networking
- Infrastructure
- Audio Visual
- Security
- Energy Solutions
- TV Systems (IPTV/SAT/IRS)

Over the years we have established a network of skilled engineers located throughout the UK. Our head office is in Middlesbrough and we have specific teams located around London, Birmingham, Manchester, Newcastle and Glasgow.

Our professional teams are specially trained and have many years of experience working with customers in every sector. They offer the highest levels of customer service, partnering with you to deliver first class solutions. We provide full project management from planning through to installation, building our reputation on the great service we provide.

The management team, which has been together since 1991, UCS Technologies are now known as specialists in the following sectors:

- Healthcare
- Education
- Commercial
- Local government

### Bespoke solutions

Think we might be able to help you? We work with a wide range of organisations and are experts at crafting solutions that work for individual companies. Speak to us about your needs and see how we can help get your business off to a great start.

### Delivering excellent service

We have a reputation for doing things well, and delivering excellent service is very important to us. We work closely with clients to plan and install systems that will work for their individual organisation.

UCS are fully qualified to deliver excellent service. We hold the following memberships and accreditations:



We have over 25 years' experience in successfully deploying solutions to organisations throughout the UK and Ireland including:

## Healthcare

The availability of a high performance, resilient network infrastructure is fundamental to the delivery of vital healthcare services. Modern healthcare applications require guaranteed levels of performance for connectivity and availability, with users requiring increasing levels of functionality and mobility.

Healthcare professionals require access to a vast range of applications, data and services while delivering patient care and confidentiality. The right communications enhance operations and enable them to work more efficiently. We provide:

- Bespoke networks designed for your organisation
- Secure systems offering privacy and confidentiality
- Reliable infrastructure using the best manufacturers in the industry
- Maximum uptime
- Communication within and between organisations
- Real-time access to secure data

## Education

We've designed and deployed solutions for primary schools, secondary schools, academies, colleges and universities.

With our education IT systems you can expect:

- Simple, effective communications within and between sites
- Consistent quality performance
- Maximum functionality
- Innovative systems to serve you now and into the future

Sustainability is an important consideration for many organisations. We work closely with your team to create sustainable solutions that are energy efficient and future-proofed, so your equipment will last for years to come.

We are familiar with EFA technology standards, having been involved with BSF and PSBP programmes for the last 10 years.

We deliver full solutions for education establishments, from day-to-day cabling and hardware installations to full solutions that meet the demanding teaching environments of modern education.





## Commercial

As a commercial organisation ourselves, we understand that ICT is a critical factor in the success of any business. An IT infrastructure underpins our systems and our ability to communicate with each other, our suppliers and our customers.

The needs of the commercial sector vary greatly, so we offer a wide range of solutions. We take the time to understand your business, culture, customers and how you operate. We'll recommend and design the best solution and technology to meet your objectives.

We offer a full range of services in addition to design and deployment, including:

- Business technology needs assessment and review
- Technology audit
- Assistance with ICT strategy planning
- ROI review and analysis

Whatever the scale of your organisation and the ICT specifics, we offer a tailored suite of services to meet your requirements in full.



## Local Government

We're a trusted name in IT and communications systems, and we built that trust on secure systems that work. We have contracts with several local government organisations and have the capability to provide the secure and reliable infrastructure needed to maintain these.

With ever tightening budgets, local government organisations must operate as efficiently as possible. ICT systems play an important role in enhancing the efficiency of local government bodies, improving how they inform, interact with and serve their communities.

Wireless infrastructure solutions provide enhanced levels of flexibility while retaining high levels of performance. Wireless can be deployed to provide controlled guest and public access without compromising the integrity of the authority's network. We've seen staff productivity increase significantly in local government organisations where wireless is implemented to provide multi-site roaming.

Performance and reliability levels are paramount to meeting government aims, and we have the knowledge and experience to advise on achieving these outcomes.





## Networking

**A well connected network means your IT equipment performs to its full potential. We understand how critical your communications are, so we provide intelligent networks you can rely on.**

Our knowledge and experience allows us to plan effective networks that are secure, dependable and give you full control. We've built relationships with the best supplier names in the industry so you can be assured of top quality products.

Our data, voice and wireless networking solutions range from simple stackable switch systems for a single building to complex multi-building or multi-site systems.

We have a skilled team, who work with you to meet all your networking requirements.



## Infrastructure

**UCS Technologies look at your organisation as an individual and determine the best infrastructure that works for you. And to make sure you stay innovative, we'll help you future-proof your infrastructure so you're ready for upcoming technologies.**

We provide a full range of cabling solutions so you get the most from your systems. Our cabling covers category 5e/6/6a/7, multi-mode and single-mode fibre from top manufacturers.

We have our own cabling teams in house. To ensure the cabling infrastructure performs its best, we offer full cabling installation services from site survey and fault finding to project management and documentation to ensure the cabling infrastructure performs at its best.



## Audio Visual

**A solid AV system helps you communicate effectively - with staff, clients and potential customers. It gives you chance to really promote yourself and show off your strengths to full effect.**

We provide a range of AV systems from leading manufacturers. Our solutions include interactive screens, projectors, speaker systems, live TV, interactive whiteboards and touch displays.

UCS Technologies are leaders in AV equipment, particularly in educational and commercial environments.

Whether you're looking for AV systems to use internally for your staff or externally to wow customers, they're an effective way to reach all audiences and can give you a real competitive edge.





## Security

**Network security is more critical than ever. In today's world, every organisation is at risk from potential threats. UCS Technologies makes it easy for your organisation to protect itself, from giving expert advice to installing and maintaining the latest secure systems you can depend on.**

CCTV is more than just a deterrent, it is more useful than ever with new applications being developed constantly. Some of the most common uses of CCTV are health and safety, crowd control, identifying trouble spots and as a marketing tool.



## Energy Solutions

**Our aim is to enable our customers to reduce CO2 emissions and to become energy independent whilst generating income. We also have several energy saving initiatives, saving you up to 30% on costs and emissions.**

Solar photovoltaic (PV) systems generate free electricity with no carbon emissions. They are appearing everywhere, and for good reason - they make sound financial sense. There's no catch.

whether you require a small solar array on a village hall or a larger system on a school, factory, agricultural or industrial building, solar makes excellent sense and can provide a healthy rate of return.



## TV Systems

**TV systems are the perfect way of getting your message across to any audience.**

With a TV system you can play live TV, show promotional messages, training videos, corporate videos and so much more. Best of all, you have full control to play and change as much as you want.

UCS Technologies offer the latest technology in TV systems. We have a range of TV distribution systems that use established coaxial technologies, or the more innovative converged IP technologies also known as IPTV, or web TV.

Our team of technicians are on hand to give advice and input on how to future-proof solutions, ensuring you stay ahead of the competition now and for years to come.







We're well known for the free consultancy that we offer.

**We've been providing IT and communications services for over 25 years and are one the biggest names in the industry. As a trusted company we work closely with our clients to help them get ahead. Offering free consultancy helps us build client relationships, and it ensures that clients can accurately plan and budget their projects.**

## Cost Efficient Solutions

There's nothing worse than guessing when it comes to figures, so work with us and we'll advise you on the best way to achieve your project aims. Whether you're looking at a one-off project, a multi-site project or a large bid, we're happy to provide consultancy free of charge.

Let us know what's important to you – a focus on costs, sustainability, energy efficiency – whatever it may be, we'll help you decide on the right solution.

Having experience in all types of business and network architectures, UCS understands our customers' business issues and can provide specific, relevant advice. We'll consult on technical, commercial and deployment aspects of your project. We know the industry inside out and can suggest the best and most innovative ways to do things. When cost is a priority, we can suggest cost effective methods to get innovative systems.

## Consultancy Services

Our consultancy services include:

- Bid support for non-IT partners (e.g. the construction industry among others)
- Site review and audit service
- Network and infrastructure design
- ICT review and recommendation service
- Return on investment analysis

## Innovative systems

UCS are able to offer Network Design Services involving complex network infrastructure changes, refurbishment of existing architectures or simply tidying Data Cabinets.

We think innovatively and ensure everything we design is set up ready to work with future technology – and that means you get faster speeds, more efficient equipment and all-round better solutions. For example, a move from 100MB Ethernet to Gigabit Ethernet or even 10GB Ethernet will require careful design and planning to ensure success of the resulting infrastructure.

We are BICSI registered and have qualified RCDD engineers, underpinning manufacturers' high standards.

Renewable energy that works for the environment – and your bottom line.

**UCS Renewables is the sister company to UCS Technologies, and is a leading provider of renewable energy solutions to UK businesses. We make your company more sustainable, reduce your carbon footprint and save you money**

## UCS Renewables

Renewable energy is essential in today's commercial world. Investing in sustainable technologies gives an excellent return on your investment, and allows your company to remain competitive.

Our renewable energy solutions include:

### Solar Panels

UCS Renewables will design a solar PV system which is suitable for your roof, whether on a school, factory, agricultural or industrial building.

We have installed panels on schools for Redcar and Cleveland Council, and worked with M & E contractors such as Meldrum Building Solutions, NG Bailey, Crown House and Integral.

Our installations include Lidl in Edinburgh, B & M in Hexham, Bradbury Vets in Sedgefield, Urban Sciences Building Newcastle, Premier Inn Leeds, and Royal Mail London, to name just a few.

Our dedicated PV design and installation team will provide a bespoke service to meet your sustainable requirements and your budget.

### Power Purchase Agreement

If you would like to make the move to cheaper electricity and cut your CO<sub>2</sub> emissions, but are unable to fund an installation yourself, we can offer you a fully funded option through a power purchase agreement.

Installation is free, and you are able to benefit from reduced priced electricity.

### Contact us today

Our friendly team are here to offer advice on how you can use renewable energy technologies to increase sustainability and save money.

Get in touch today to see what we can do for you.

**0845 901 1144**

**[info@ucs-renewables.com](mailto:info@ucs-renewables.com)**

# Case Studies

## Education - Marden High School, North Tyneside



### Client Background

Marden High School in North Shields has specialist status as a Media Arts, Science and Maths College and is one of 31 schools across the North East to be rebuilt through the £4.4 billion priority school building programme (PSBP). More than £14 million of construction has delivered a new three-storey block for the school.

### The Challenge

Marden High School required a specialist IT company to plan and install all infrastructure and communication systems for its new school building.

As a specialist Media Arts school, there was a significant reliance upon ICT over and above that of other schools. The ultimate challenge was to ensure a seamless transition between the old and new buildings.

### What UCS Did

UCS were responsible for the delivery of a complete ICT infrastructure throughout the new school building. We worked closely with the school, local council, EFA and construction contractors.

The initial stages involved obtaining a clear understanding of the school's current and future ICT systems and requirements. We also had to fully understand how the school used ICT from a teaching and learning perspective and how improvements could be made for the new building. We carried out an audit of existing ICT equipment to identify items that could be redeployed within the new building to reduce costs.

Maintaining ICT service provision to the existing buildings throughout the construction works was a critical requirement. This included maintaining the incoming internet and telephony services.

## Education - St Joseph's Primary School, Durham



### Client Background

St Joseph's RCVA Primary School provides Catholic education, promoting the development of each child through a stimulating environment and a broad and balanced curriculum. It is one of 31 schools across the North East to be rebuilt through the £4.4 billion priority school building programme (PSBP).

### The Challenge

At St Joseph's the old school building was completely replaced by a newly constructed single storey school building, which required full networking and infrastructure.

UCS was responsible for the delivery of a complete ICT infrastructure throughout the new school building. It was essential to create good infrastructure that would meet students' learning needs and last for many years.

### What UCS Did

We consulted with several parties to ensure we got the best solutions that would work for the school and its pupils now and into the future. Understanding the school's ICT requirements involved several meetings between representatives of the school, local council, EFA and construction contractors. We also had to fully understand how the school used ICT from a teaching and learning perspective and how improvements could be realised for the new building.

It was critical to ensure a seamless transition as the school moved into its new building.

# Case Studies

## Energy - Hinkley Point Project Offices



### Client Background

Working on behalf of the UK's largest providers of portable & permanent buildings, its nuclear division were awarded the contract for delivering their clients project offices and site facilities. UCS Technologies were engaged with the delivery of stage 1 of this project implementation.

### The Challenge

To undertake, the implementation of a complete, secure, physical ICT infrastructure throughout the project offices & associated site buildings. All done, working alongside other trades, under controlled working practices in a short time frame.

In partnership with the client, it was essential to create a robust & ICT secure infrastructure, utilising enhanced segregation methods that would meet security needs of the client as well as providing a network that services Hinkley Point's management team.

### What UCS Did

We understood the client's brief and were engaged from an early point in the project to ensure all staff were properly vetted; security processed and were assigned to the project well in advance of site commencement.

To meet the client's timescales, UCS Technologies ensured sufficient resources were allocated to meet a six week time frame. It was critical to ensure a seamless transition as the client was looking to occupy the building ahead of the proposed construction phase.

## Commercial - Capita, Plumb Centres, Nationwide



### Client Background

Capita, plays a vital role in helping their clients deliver modern services efficiently, effectively and to a high standard. Through technology Capita provides a quality & functional performance offering customers increased efficiencies to maximise service & delivery. Plumb Centre as a business were requiring a technology refresh to enable them to meet the needs of a 20th century retail branch, delivering faster stock control, ordering of customer goods and new customer interfacing devices.

### The Challenge

UCS Technologies, a partner of Capita, were engaged to deliver the physical infrastructure within all 670 Plumb Centres nationwide

The challenge was to complete all site installations over a 14 month period without the need for client downtime and thereby mitigate commercial losses.

### What UCS Did

Alongside the clients management team UCS Technologies deployed engineering teams nationwide, installing a new ICT physical infrastructure, offering low level outlets for PCs, printers, IP telephones & high level outlets for wifi access points.

To meet clients timescales, UCS Technologies ensured sufficient resources were deployed by delivering an average of 12 installs per week.

It was critical to ensure a seamless transition as the client was able to service clients without disruption or loss of revenue.