



Automotive



Education



Logistics



Electrical



Data networks



# Data Network Solutions

Helping your site work smarter with robust, agile connectivity

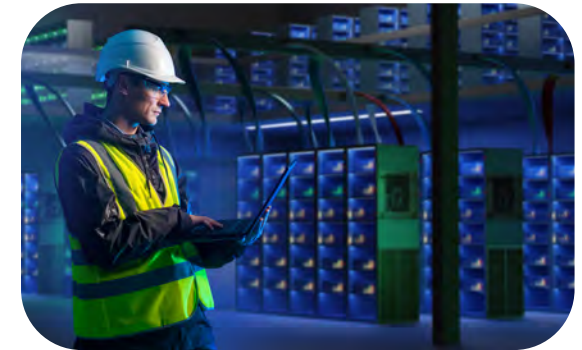


# Data Network Solutions

Reliable connectivity is crucial for industry today. Automation, robotics, AI, and IoT play vital roles in manufacturing, relying heavily on solid network connections. Working with unreliable legacy systems can harm your productivity, efficiency, and even your business reputation.

We can help you to optimise your site's performance and embrace the full opportunities of your industry. Thanks to decades of experience gained in the automotive sector and across other sectors, we genuinely understand your business priorities and the challenges of your work environment.

As a trusted and proven provider to industry, we can offer you tailor-made network solutions that provide the flexibility, agility, efficiency, and reliability you need to make your site work smarter. Let us help you unlock the full potential of your operations with our expertise and solutions.



## Passive Infrastructure

For any site, the passive infrastructure is the foundation of its mobile connectivity. It is where active parts of a network are established and underpinned, so getting everything right at this stage is critical for your long-term success.

Ultimately, the type of network infrastructure you need will depend on your specific business requirements. Our experts are on hand to advise you of the best solution to help cut costs, improve service availability, increase productivity, and achieve your business goals.

## Structured Cabling LAN/WAN

Structured cabling maximises your system availability, reducing downtime and keeping your system fit for the future. This more local, organised approach to cabling infrastructure gives you predictable performance while still having the flexibility to accommodate moves, additions, and changes.

- Easier cable and port tracing saves time
- Cleaner look than point-to-point, more aesthetically pleasing
- Low smoke data cabling, up to date with the latest CPR regulations
- Improved sustainability

**Interested in a data centre that's quick to build and deploy?**



**Our Portable Modular Data Centre is a tailored mobile server room that's delivered to you fully configured, pre-cabled and tested. Ready to deploy and easily scalable, it meets all tech and security requirements while reducing cost and complexity.**

**Find out more at [www.actemium.co.uk](http://www.actemium.co.uk)**

## Power over Ethernet (PoE)

PoE enhances reliability, efficiency and flexibility by supplying power via ethernet cables. This removes the need for separate power supplies and outlets so devices can be easily scaled and moved to new locations.

- Designed to intelligently protect network equipment
- Eliminates the danger of working with or around high-voltage
- Easily disable or reset devices from centralised controller
- Can be backed up with UPS for continuous operation

## Wi-Fi Solutions

We have decades of experience designing and installing tailored Wi-Fi solutions. We provide a personal service and take a vendor-agnostic approach, leveraging our strong partner relationships to select the right products for your needs.

- Site survey, including testing of existing installation and coverage
- Fault diagnosis and upgrade recommendations
- Indoor and outdoor installations
- Access points and switches



## Private Mobile Networks (LTE)

Our Private LTE solution provides control, security, and flexibility across a large area. Partnering with Axians and Nokia, we plan, build, and operate your tailored network to provide the reliability, visibility, and flexibility you need.

- Low latency, high density, unparalleled scale
- Reliable HD video across rough environments
- Capture and share data in real-time
- Track people and assets over wide areas



## Fibre Optic

Fibre Optic cabling brings you superior bandwidth, speed, and reliability, with minimal interference or degradation. It saves costs through longer lifespan, reduced maintenance, decreased downtime, and improved efficiency.

- Increased scalability and flexibility
- Superior carrying capacity
- High-level security thanks to its immunity to disruption
- Performs over a longer distance than traditional copper cabling

# About Actemium UK

Actemium has multiple centres of excellence spread across the UK each empowered to operate with autonomy. With an embedded culture of transparency and encouragement to think like our customers, we deliver safe, reliable and sustainable projects through our incredible people.

Spin the Actemium Wheel to see the diversity we can offer in competence and market sectors. We exist to help our customers improve their performance & competitive advantage.

## Why our repeat business is so high

- We are a people business
- We are honest & do the right thing
- We put the customer 1st
- We innovate
- We share success
- We do what we say we will
- You can trust us

*Axians UK says "Sensitive to the preservation of the listed building, our installation partners at Actemium, were brought on board as early as possible. Through careful planning and good communication with our team and end client, they planned the works to be sensitive to the historic fabric of the building."*

