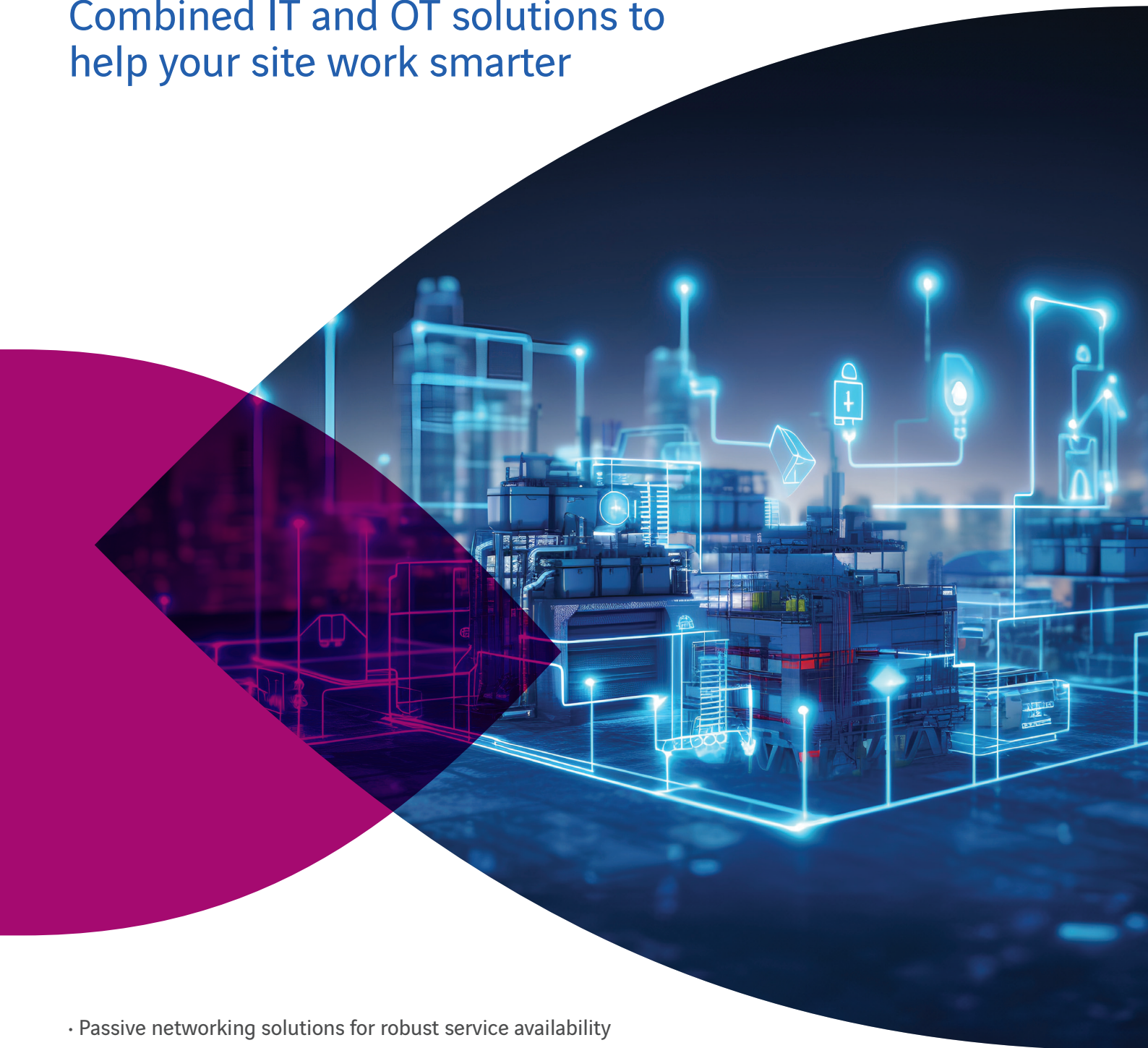


# IT for industrial OT

Combined IT and OT solutions to help your site work smarter



- Passive networking solutions for robust service availability
- Active networking expertise to provide a reliable, secure user experience
- Comprehensive OT cybersecurity that protects your users, systems, data and network



**Optimise your site's  
performance and  
embrace the full  
opportunities of your  
industry**

Reliable, secure connectivity is crucial for industry today. Automation, robotics, AI, and IoT play vital roles and rely 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. We offer a unique blend of expertise in both operational technology (OT) and information technology (IT) environments, with extensive experience in industrial environments and critical national infrastructure. Thanks to decades of experience gained across multiple sectors, we genuinely understand your business priorities and the challenges of your work environment.

Partnering with our fellow subsidiary, Actemium UK, we're uniquely placed to help you navigate the many OT security pitfalls and protect your organisation, critical systems and sensitive information from digital attacks. Our two organisations have a long-established relationship, with a broad scope of capability and experience in delivering networking projects that combine IT and OT expertise to deliver secure, reliable passive and active networking solutions.

In addition, being part of the wider Vinci group's network of over 200,000 colleagues means you can rely on our global knowledge and local expertise that connect technology to business outcomes, and delivers revolutionary projects for ambitious organisations.

**As a trusted and proven provider to industry, we can offer you tailor-made network and security 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.**





**Cut costs, improve service availability, increase productivity, and achieve your business goals**

## Passive networking

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



### Mobile Datacentres

Our Portable Modular Datacentre 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.

- Manufacture, assembly and Factory Acceptance Testing (FAT) all completed before delivery to site
- Actemium designs, builds and maintains the electrical panels within them
- Streamlined installation means minimal site disruption

### 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

## 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

## Electrical Cabling

Our directly employed Electrical Contracting workforce includes project managers and skilled operatives across multiple locations. We offer a range of electrical options and we're ready to work with you from idea to realisation: from consultancy, design, manufacture, and assembly, through to testing, installation, commissioning, and maintenance.

- Low and Medium Voltage (LV/MV)
- Independent Connection Provider (ICP)
- Panels (new and retrofit)
- Containerised Solutions





**Flexibility and ability  
to contribute to  
successful business  
outcomes for our  
customers**

## Active networking

Doing business at an enterprise-wide, multi-location level is more complex than ever. Users spread across different sites, and working from anywhere in the world, means your IT infrastructure must work harder to deliver a seamless, reliable and secure user experience to everyone at any time.

Here's where a tailored, scalable managed service can help your organisation to meet your IT needs. You can be as involved or hands-off as you like, all with predictable and transparent costs, and have peace of mind that you are supported 24 /7.

With a focus on scalability and digital resilience, we specialise in cloud and data centre infrastructures, cybersecurity, enterprise networks, and managed IT services. Our strength is our flexibility and ability to contribute to successful business outcomes for our customers.



### Delivering round-the-clock peace of mind

We deliver bespoke IT services and support underpinned by AI-driven technology, resulting in best-in-class network performance, cybersecurity and a seamless user experience 24/7. We've built the depth of knowledge necessary to support some of the industry's largest and most complex networks. Our work allows you to operate round the clock, freeing up IT teams to work on more innovative, business-critical projects.

### Optimised network performance starts with design

We work with your organisation to design, implement and manage your optimal IT infrastructure from client to cloud. We'll incorporate everything you need to work collaboratively across disparate global locations, whether your users are working from the office, from home, or constantly on the move.

Our bespoke managed service is a proven way for you to harness AI technology to drive collaboration and productivity across your organisation.

- End to end capability
- Organisation-wide cloud services and secure data centres
- Detailed LAN implementation

## Bespoke, scalable solutions that put you in control

If you don't want to start from scratch and would prefer to build on what you already have, we can do that too. We will work with your existing infrastructure, integrate core elements, such as switches, routers and firewalls, and then either run the system on your behalf, work alongside your existing IT teams or deliver it for you to manage.

## Protect your users and organisation

Work from anywhere from any device adds a new layer of complexity to security. Essentially, the more touch points to your network, the more potential there is for a breach. We mitigate these threats head on. With security built-in from the ground up, our focus is keeping you secure in a rapidly changing security landscape, all without compromising the user experience.



## OT Cybersecurity

While the convergence of IT and OT are revolutionising industry operations, it can also leave organisations more vulnerable to cyber-attacks, putting security, safety, continuity and reputation at risk.

As the threat landscape continues to evolve, having an expert cybersecurity partner by your side, with an OT-first approach, can be invaluable.

Axians and Actemium's partnership combines decades of IT and OT cybersecurity experience, making us uniquely placed to help you navigate the many security pitfalls and protect your organisation, critical systems and sensitive information from cyber-security attacks.

## Comprehensive, flexible, tailored expertise

We offer a comprehensive service that combines a team of security experts, vendor agnostic technology and best practice processes. Our skilled engineers have experience across the prevention, detection, investigation, and remediation of cyber-threats and rapidly deal with fast-paced and rising attacks, keeping your security postures robust and up to date.



**Protect your organisation, critical systems and sensitive information from cyber-security attacks**

## Managed Detection & Response (MDR)

Our MDR service provides valuable insights and guidance on your systems, helping you optimise your operations and enhance overall performance. The service covers security, compliance, and network performance, enabling the proactive and rapid detection, analysis, investigation, response and containment of threats to operations.

Providing 24x7x365 peace of mind, we have a Security Operations Centre (SOC) based in the UK, and is supported by a further 7 SOC's across Europe too. We also have a boots-on-the-ground incident response team, made up of experts from various disciplines, who can respond 24x7 to minimise downtime and quickly recover your systems.

## Delivering defence in depth

We provide a comprehensive, multi-layered approach to OT cybersecurity to better protect your digital infrastructure, users, devices, applications, systems, network and data against a wide range of security threats. Strategies such as network segmentation, access control, EDR and patch management must be carefully designed to balance security requirements with critical operations.

Our experts will work closely with your team, either on site or remotely, to assess your security needs. Using our expertise in security strategy, compliance and industrial processes, we will provide tailored support for your unique needs, whether you need us through the entire journey or for a single stage in the process.



## Compliance

OT cybersecurity governance and compliance helps address the unique cybersecurity challenges posed by OT system, helping to reduce and mitigate cyber-attacks.

Our experts can take you through the full lifecycle of cybersecurity maturity while improving your cyber resilience along the way. As an extension of your team, our experienced consultants can provide a comprehensive and proactive approach to securing your infrastructure.

Standards include:

- NIS 2 – to establish higher levels of cybersecurity and resilience
- IEC 62443 – the international standard for ICS security
- OG 86 – specifically for the Oil & Gas industry's systems and infrastructure

## Additional cybersecurity specialisms

- Identifying assets and ICS gaps with a vulnerability assessment
- Risk assessments
- Incident response plans
- Managed cybersecurity service



# Securing and optimising network connections for any user to any resource, anytime, anywhere

“It required some special focus and support from Axians to help deliver these live sites in time, for which I am extremely grateful for your help and support.”

A global tier 1 service provider

“For me, the experience of working with Axians has been very positive as I received a very high-quality service from them and I’m pleased to say that the new solution has been fully deployed, the connectivity experience in the office is transformed and feedback from the users is amazing.”

Rich Royce, Lead Service Manager and project sponsor, Covea Insurance

## Incredible people, empowered to deliver

The strength of Axians’ worldwide network means you can rely on our global knowledge, our people’s expertise and local experience to deploy technology that achieves critical operational outcomes, wherever you are, and whatever your need.

Boosting innovation, productivity and user satisfaction, we enable transformation and growth with our ability to connect technology to business outcomes, and deliver revolutionary projects for ambitious organisations.

### Part of VINCI Energies

A network of companies helping organisations boost the reliability, safety and efficiency of their energy, transport and communication infrastructure around the world.



### Our fellow subsidiaries



## Find out how we can transform your world through digital technology and service excellence



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