



NETWORK INFRASTRUCTURE SPECIALISTS

PRODUCT & SERVICE GUIDE

CONTENTS

PRODUCTS & SERVICES

Page

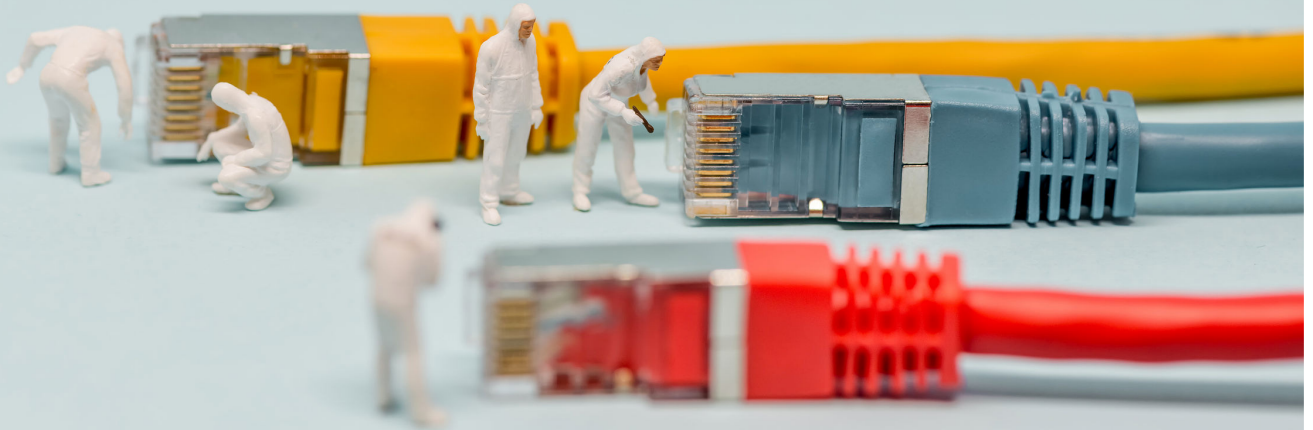
Structured Cabling	3
Fibre Optic	4
Data Networking	5
Building Management Solutions	6&7
Support Solutions	8&9
Design & Consultancy	10
CCTV & Security Systems	11
Hosted Telephony	12&13
Wireless & WAN	14

MARKETS

Construction	16
M&E	17
Vendors & Suppliers	18
Public & Private Sector	19

CASE STUDIES

Ethos Communications	21
Concept 2	22



STRUCTURED CABLING

FUTURE PROOF YOUR BUSINESS WITH NEXSIS STRUCTURED CABLING SOLUTIONS

In today's digital age a reliable and fast data cabling solution is a 'must have' for the success of your business. Nexsis can improve the performance of your data cabling installations, giving your teams the potential to work faster and more efficiently with no interruptions, allowing you to focus on your core business activities.

Nexsis is a specialist in the design, installation and maintenance of all types of cabling infrastructure. Whether it's just one additional outlet or a large scale project, we can help. With decades of experience and a perfectionist attitude, we'll make sure your data cabling installation meets your specification and is carried out professionally, to the highest of standards.

We can advise and install a wide range of structured cabling solutions, from one-off cabling projects to ongoing network infrastructure support. Our industry-leading expertise, accredited engineers and complete support gives you total reassurance across a full range of installations, including:

- ✓ Design & Installation
- ✓ Single & Multi-Site solutions
- ✓ Voice & Data projects
- ✓ CAT 5e, 6, 6a, 7, 7a & 8 specifications
- ✓ Fibre Optics

OUR CUSTOMERS RECOGNISE US FOR:

-  Maintaining budget and schedules
-  Minimum disruption
-  Delivering the best performance from your network infrastructure through our one-stop provision and 'can do' philosophy
-  Future proofing installations
-  Comprehensive support and preventative maintenance solutions

FIBRE OPTIC

THE FUTURE'S BRIGHT...THE FUTURE'S FIBRE OPTIC

The IoT (Internet of Things) is, and will continue the drive to transmit more data. Older cabling solutions might not be able to expand to meet that demand.








Fibre optic cabling offers increased security and safety, faster bandwidth over longer distances and more reliable data transmissions. Whether it is used as a vertical backbone or to link buildings across a campus, fibre optic cabling generally offers a more modern and cost-effective cabling solution.

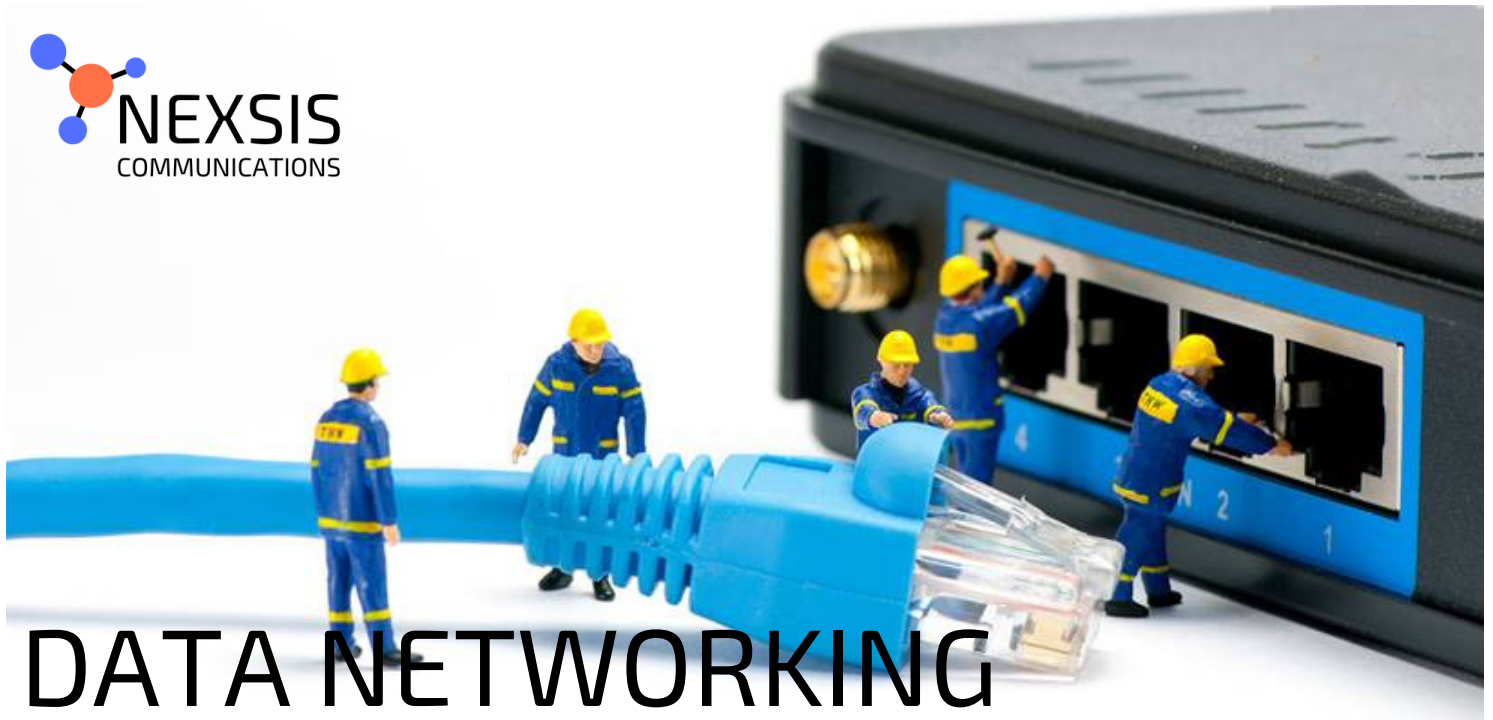
Our fibre optic cabling installation portfolio includes:

- ✓ Multimode cables (OM2, OM3 & OM4)
- ✓ Single mode cables (OS1 & OS2)
- ✓ Tight buffered and loose tube constructions
- ✓ Pre-terminated solutions (ideal for datacentre projects)
- ✓ Internal, external and blown
- ✓ Rodent resistant corrugated steel tape armoured (CSTA) and steel wire armoured cables for harsh environments
- ✓ Fibre To The Desk (FTTD)
- ✓ ST, SC, MT-RJ, LC terminations

We can conduct on-site terminations using fusion splicing or a variety of direct termination techniques. Testing is delivered using power light meters or optical time domain reflectometers (OTDRs). Test results are provided as part of our handover documentation.

OUR FIBRE OPTIC CABLING SERVICES INCLUDE:

-  Backbone links
-  Fibre patch panels
-  Sub-contract fibre termination
-  Hazardous / IS area links
-  Fibre containment systems
-  Breakdown and fault finding
-  Comprehensive support and preventative maintenance solutions



DATA NETWORKING

COMPUTER NETWORKING SERVICES

In today's digital age a reliable and fast data networking solution is a 'must have' for the success of your business. Nexsis can improve the performance of your data network installations, giving your teams the potential to work faster and more efficiently with no interruptions, allowing you to focus on your core business activities.

Nexsis is a specialist in the design, installation and maintenance of voice and data networks. Whether it's just one additional outlet or a large-scale project, we can help.

With decades of experience and a perfectionist attitude, we'll make sure your data networking installation meets your specification and is carried out professionally, to the highest of standards.

- ✓ Local Area Network
- ✓ Wide Area Network
- ✓ Wireless LAN (WLAN) Computer Networks

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BUILDING MANAGEMENT SOLUTIONS

BUILDING MANAGEMENT SOLUTIONS. SMARTER BUILDINGS REDUCE ENERGY...AND COST

Commercial buildings have the capacity to reduce energy consumption by 30%. To increase operational and energy efficiency, organisations are looking for new ways to make managing their facility easier and reduce the impact on the environment.

Nexsis Communications can successfully integrate, install and maintain building management systems and provide life cycle support for large & multi-site facilities like yours, to reduce costs, increase comfort, safety and security for you and your occupants.

We offer a scalable range of building management and intelligent building solutions and services — from individual subsystems to fully integrated intelligent buildings — that reduce risk while delivering world class operating and energy efficiency.

Commercial buildings account for:

- ✓ 40% of all energy consumption
- ✓ 38% of carbon dioxide emissions
- ✓ 70% of electricity consumption

CONTINUED...

BUILDING MANAGEMENT SOLUTIONS BENEFITS:



Save Costs

Lower energy consumption,
lower costs



Longer Assets

Limited/reduced wear and
tear on building systems



Comfort

Smarter working systems
and monitored temperature
control



Real Time Information

Rapid availability
information on system
status

CONTINUED...



BUILDING MANAGEMENT SOLUTIONS

BUILDING MANAGEMENT SOLUTIONS.
SMARTER BUILDINGS REDUCE
ENERGY...AND COST

Simplify your Facility & Building Operations

Traditional building management systems typically have stand-alone applications with separate monitoring and control stations, energy metering and power management, central plant equipment, lighting, CCTV security and access.

Whilst each application is beneficial on its own, the real power lies in managing them as one intelligent solution with a modern, secure and resilient network infrastructure at its heart.

BUILDING MANAGEMENT SOLUTIONS BENEFITS:

...CONTINUED



Operational Efficiency

Efficiency in management across assets. Manage multiple systems through one portal



Marketing & Brand

Aligning with sustainable building practices and energy efficiency is a powerful brand message

SUPPORT SOLUTIONS

NETWORKS CAN GO WRONG. NEXSIS PUTS THINGS RIGHT, QUICKLY AND EXPERTLY

Nexsis Assist - Infrastructure Support & Preventative Maintenance

A Nexsis Assist support contract provides access to a highly-motivated and dedicated team of network infrastructure support specialists who possess in-depth knowledge of a wide range of vendors and network infrastructures.

Choosing the right Infrastructure support partner to meet your business requirements is increasingly a key decision to make, especially when there are multiple and ever more complex disciplines involved. In today's IT infrastructure, it's not only imperative to understand a company's business needs and future strategies, it is also vital to identify and understand all pieces of the jigsaw which make up today's complex network infrastructures.

Support is not only about servers and computers, it's also about the LAN Infrastructure, Cabling Infrastructure, Security, Broadband, Wireless, and other applications such as IP CCTV and IP Telephones, all of which have the potential to impact upon the productivity and efficiency you provide internally and to clients. Whether a single member of staff responsible for your IT systems, or a dedicated IT team to maintain and support your infrastructures, if you are looking for an IT partner to compliment your in-house skills, we are here to provide a cost effective network Infrastructure solution to meet your requirements 24/7.

CONTINUED...

OUR LEVELS OF SUPPORT:

STANDARD SUPPORT

Requires access to the Management Infrastructure and the provision of a Virtual Private Network (VPN) to be established to the Nexsis Baseline Support Service, customers can apply secure rules to restrict Nexsis to only access the Management Infrastructure. Nexsis will provide all of the essential information to gain access to the Management Infrastructure and also make recommendations as to how customers can identify Nexsis network traffic and how to restrict it.

In the event of an equipment or service failure, Nexsis can quickly verify the fault and arrange for an engineer to correct the faulty equipment or correct the service.

CONTINUED...



Strategically placed in the heart of England, Nexsis provides a wide range of network infrastructure support services across the UK. Our support ensures quality of service delivery, improved uptime and network availability, increased operational efficiency and reduced costs across your network infrastructure platform.

Our focus is on fast resolution through remote, on-site and field-based engineering teams and with over 25+ engineers spread throughout the UK, we are never more than a couple of hours away from your site. We bring our experts, giving you access to our network specialists with unmatched knowledge of network Infrastructure installations & products, allowing you to focus on your business goals, and not your network up time.

Our **Infrastructure Support Solutions** feature resiliency, therefore we believe customers need only require simple maintenance support albeit within defined Service Level Agreements.

We offer the following levels of support:

- ✓ Standard
- ✓ Advanced

By providing our support services we are only interested in the management of the devices and services to which we provide support. Typically, equipment will have a Management port/service into which we bond our support services – this is known as out of band. We prefer this connectivity approach as it allows us to validate equipment or service failures without consuming or gaining access to a customer's production environment.

ADVANCED SUPPORT

Requires access to the Management Infrastructure using a dedicated network supplied by Nexsis and the provision of a Virtual Private Network (VPN) using a dedicated broadband and/or secured SD-WAN services to be established to the Nexsis Support Service. We provide the customer with visibility their components and equally visibility of the VPN service. The network is isolated from the customer infrastructure albeit the customer can apply secure rules to restrict Nexsis to only access the Management Infrastructure. The use of the secured SD-WAN enables Nexsis to provide global reach for those customers with international offices or for those customers who require support yet are cautious of allowing even a trusted partner such as Nexsis with access to a production environment. In the event of an equipment or service failure, Nexsis can quickly verify the fault and arrange for an engineer to correct the faulty equipment or correct the service. The Advanced Support is intended to further assist customers who require additional support utilising their own management platforms – typically resource availability or simply outsource the day-to-day monitoring and analysis to a trusted partner. The Nexsis support infrastructure facilitates the necessary communication and aligned to custom service levels.

DESIGN & CONSULTANCY

"PERFORMANCE & SECURITY BY DESIGN" - NEXSIS DESIGN & CONSULTANCY

Without the right design and protection, your network may not run at optimal performance and allow some users to access certain files you do not want them to have access to, or introduce items that could cause harm to your network. Managing your own network infrastructure project can also be daunting and time consuming, especially with the ever increasing complexity of technology and the great demands placed on your network.

Nexsis Technical Design & Support Solutions provides: Increased performance, security, virus protection and remediation. As experts in this field we can help you design and implement a network that suits your needs and requirements. What's more, you choose the level of consultancy required, whether it's a helping hand for certain elements, or a full handover to Nexsis to manage your full project.

Our expertise in design & consultancy includes the following:

- ✓ Data Centre infrastructure networking
- ✓ SME network infrastructure
- ✓ Next generation network security
- ✓ Software Defined WAN (SD-WAN)
- ✓ Internet & MPLS WAN infrastructure
- ✓ Remote access, mobile and secured VPN integrated solutions
- ✓ Secured Wireless (indoor/outdoor)
- ✓ Telephony & Unified Communications
- ✓ Security compliance and risk assessment

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-  Minimum disruption
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-  Comprehensive support and preventative maintenance solutions

CCTV
24/7



CCTV & SECURITY SYSTEMS

BE SERIOUS ABOUT SECURITY WITH OUR NEXT GENERATION CCTV TECHNOLOGY

Every home and business needs to be serious about security. CCTV has significantly helped to reduce crime and keep property, employees and the general public safer. Now a standard feature in hotspots such as the home, schools, hospitals, car parks, retail areas and city centres. From a single camera, to a full IP CCTV installation to monitor multiple locations, Nexsis has the experience and technology to fulfil your every need.

IP CCTV takes CCTV technology to another level, compared to older analogue installations. As well as capturing images in high definition with resolution up to 10x higher, IP based systems offer wider capture views and increased zoom. Cameras range from 1 Megapixel to 20 Megapixels and can subsequently be used for face recognition, object analysis and ANPR, allowing images to be quickly shared and analysed. With IP CCTV, monitoring and recording images can be centralised. This removes the need for multiple recording devices in multiple buildings which frees up space and reduces the hardware required. With the ability to transmit images from thousands of cameras down a single fibre, any future requirements are catered for. It also allows for remote monitoring from anywhere on a network or from a remote device such as smartphones or tablets.

IP CCTV isn't just about the camera. Careful thought is also required from the CCTV installers as to the underlying infrastructure required to hold these images. Nexsis Communications has the experience and expert knowledge needed to navigate these considerations to ensure a successful installation and service.

BENEFITS OF OUR IP CCTV SYSTEMS

-  **Better camera performance**
IP CCTV convert all images to data, meaning no theoretical limit to resolution. Cameras offer high quality Megapixel resolution at least 3x better quality than standard analogue cameras
-  **Easier system installation**
IP CCTV systems can run over your existing IP network, making wiring very simple. Cameras do not even need separate power as they are powered through the network cable itself
-  **Better system integration**
IP CCTV systems communicate using IP which allows them to co-exist and integrate on the same network/cabling as other IP based systems

HOSTED TELEPHONY

TELEPHONY SYSTEMS FOR BUSINESSES & CONTACT CENTRES

Telephony Systems







Communication has and always will be the key to a successful business, for both customers and employees alike. Traditional systems have undergone a dramatic change over the last 10 years, due to ever changing technology.

Moving from TDM to IP based systems provides many benefits, and a host of communication channels are available, including email, telephony, SMS, video conferencing and web chat.

Whether a single location, multiple locations, mobile or home workers, Nexsis can design, install and maintain office telephone systems for communication between your business and customers. We will help to define your business needs and provide a design to make the most of your current systems, or provide a new solution from our portfolio of IP telephony and convergence solutions. We can provide an infrastructure that will increase productivity, performance and quality of service whilst helping to reduce costs.

CONTINUED...

OUR APPROACH TO IP TELEPHONY SOLUTIONS INCLUDE:

-  Initial consultation and review
-  Undertaking of an IP Telephony Readiness Survey
-  Production of a deployment methodology
-  Vulnerability / Risk Assessment
-  A managed IP telephony service
-  Reduced costs

CONTINUED...

HOSTED TELEPHONY

TELEPHONY SYSTEMS FOR BUSINESSES & CONTACT CENTRES








Contact Centre

Contact centre solutions and applications have transformed the way businesses communicate with their clients. Multiple options are now available such as traditional telephone, email, SMS and live chat.

Whether your business is small and informal, or a large organisation requiring a sophisticated solution, delivering exceptional service is key to business success. We believe that contact centres are about improving operational efficiency, reducing operational costs and addressing customer demands.

Nexsis can assist in the consultancy, design, installation and maintenance of your contact centre. Our expertise in delivering solutions to many organisations is testimony to the level of expertise and quality of solutions we can provide.

OUR APPROACH TO CONTACT CENTRE SOLUTIONS INCLUDE:

-  Enhance interaction with customers
-  Improve customer service
-  Increase performance of existing solutions
-  Add additional services to your call centre
-  Update your call centre technology
-  Comply with FSA and PCI regulations
-  Provide quality assurance through on the job training

WIRELESS & WAN

FUTURE PROOF YOUR BUSINESS WITH NEXSIS WIRELESS & WAN SOLUTIONS

Fast, secure wireless networks are now the lifeblood of any business. Wireless networks provide a multitude of benefits to customers including faster response speeds, improved infrastructure and increased productivity.

Everyone knows the frustrations of poorly performing Wifi. There can be multiple reasons for this, from poor initial design, interference, placement or coverage or even insufficient capacity. Nexsis can review your current systems to understand and identify the issues and then comprehensively redesign a network that suits your needs and requirements.

A survey will be undertaken to map out the frequency coverage and capacity. We will then design the network, factoring future growth and of course, security.

Our expert engineers will install your network, ensuring minimum disruption. After installation, a final site survey is carried out to ensure the agreed capacity and coverage performance is achieved, and if required, Nexsis can also provide comprehensive support on your solution.

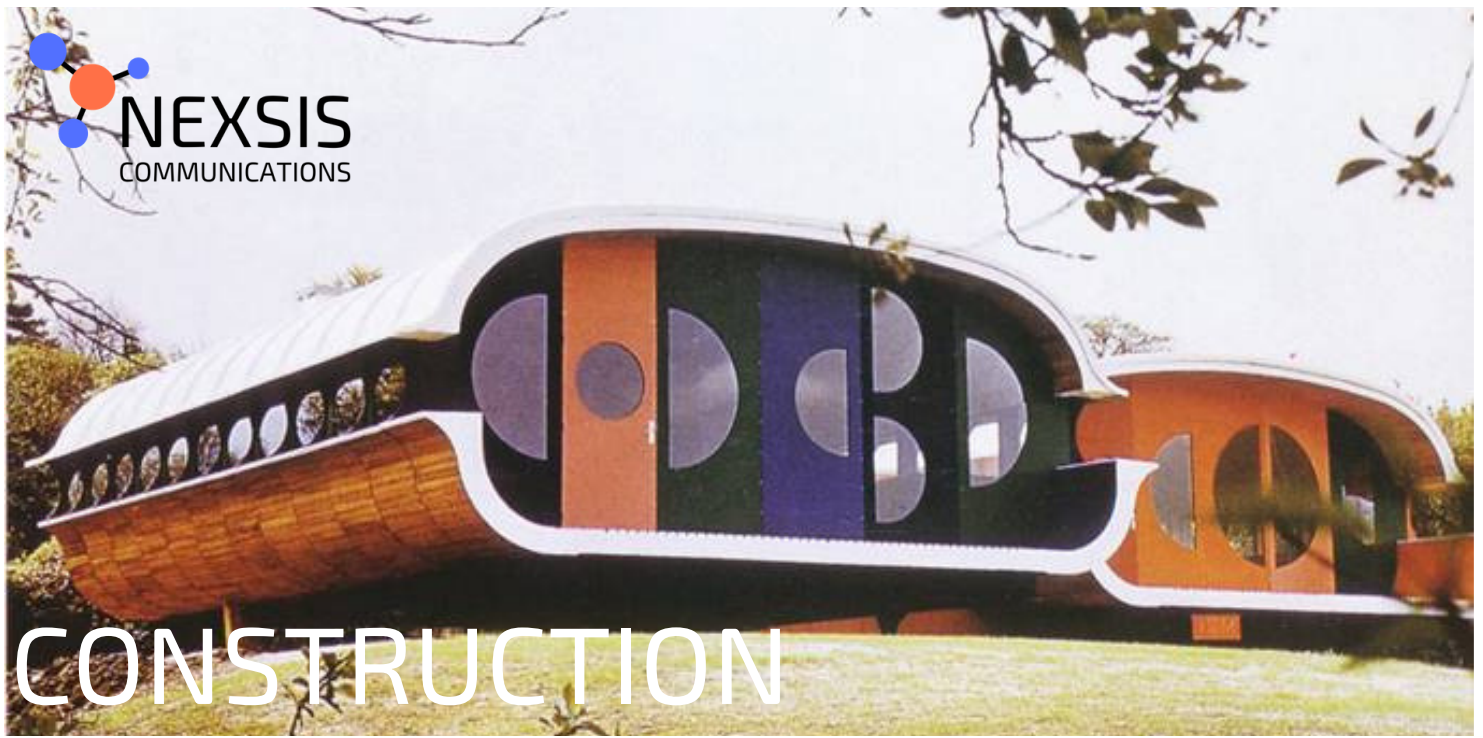
We work with leading vendors to ensure we provide the best available solution in the market. Coupled with Nexsis expertise and our top-notch customer service, you can be sure that we will design and install a network that fits your needs and is future proofed for years to come.

OUR CUSTOMERS RECOGNISE US FOR:

-  Maintaining budget and schedules
-  Minimum disruption
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-  Future proofing installations
-  Comprehensive support and preventative maintenance solutions



MARKETS



NETWORK INFRASTRUCTURE TAKEN CARE OF, FOR ALL YOUR CONSTRUCTION PROJECTS.

Trust Nexsis to install and support your structured cabling and network infrastructure for your key construction projects.

We are trusted by leading construction companies, providing them with the installation of secure network infrastructures, complete building management systems, structured cabling solutions and support, whatever the size of your project.

Nexsis is often a preferred route to take for greater peace of mind and a unique, consolidated offering for construction companies. This peace of mind allows you to offer greater value added service and key differentiators to your end user clients or tenants.

By using Nexsis for all your network infrastructure & cabling installations, you can be sure our element of your project will be delivered on time and within budget. We'll work side-by-side with you 100% of the time and we'll be there supporting you every step of the way.

Need a quote or just want to learn a little more about Nexsis? Then contact us today.

SUB-CONTRACTING

 We partner with leading construction companies and M&E organisations, providing them with cabling work and technical installations for their customers.

As cabling and infrastructure subcontractors, Nexsis is therefore a preferred route to take for greater peace of mind and a unique, consolidated offering for your customers.

By using Nexsis as your cabling subcontractor, you can rely on us to act as brand ambassadors for your business. We'll work side-by-side with you as white label partners, supplying our expertise and exceptional service levels.

Contact us on +44 115 8968 300 / email info@nexsiscomms.com



DELIVERING INFRASTRUCTURE SUPPORT FOR YOUR KEY CLIENTS

Trust Nexsis to deliver & support your structured cabling and network infrastructure projects for your key clients.

We are trusted by many leading M&E solutions providers, supporting them with installing secure network infrastructures, complete building management systems, structured cabling and support.

Nexsis is often a preferred route to take for greater peace of mind and a unique, consolidated offering for your clients. Allowing you to offer greater value added services and key differentiators into your competitive bids. What's more, we can also help you achieve revenue and margin growth with our competitive, no-nonsense pricing approach.

By using Nexsis IT infrastructure subcontractors, we'll work side-by-side and professionally with you 100% of the time, and if you have a meeting or a conference call with a client, we'll be there supporting you every step of the way. Together we can offer the best experience for your clients.

Need a quote or just want to learn a little more about Nexsis?
Then contact us today.

SUB-CONTRACTING



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VENDORS & SUPPLIERS

NEXSIS WORKS WITH THE BEST TO ENSURE QUALITY & SERVICE

Nexsis work with several vendors and suppliers that offer industry leading products and technology. This means you can be safe in the knowledge that the products and services we offer are of the highest quality and future proofed in this ever-changing world of technology.

Network:

ZYXEL



Structured Cabling:



Security:



VENDOR PARTNERS

Nexsis are always searching for new vendors and suppliers that offer industry leading products and services. If you are a vendor and are interested in working with us for projects and partnerships we'd love to hear from you. For further information contact us at info@nexsiscomms.com

Contact us on +44 115 8968 300 / email info@nexsiscomms.com



PRIVATE OR PUBLIC SECTOR, LARGE OR SMALL...LET NEXSIS DELIVER YOUR NETWORK INFRASTRUCTURE

Nexsis 'END USER' secure network infrastructure, building management, security and structured cabling solutions for the public and private sectors offer a high quality infrastructure solution service with support 24 hours a day 7 days a week.




From a hospital or school, a university, a bank, a retailer, coffee shop or charity shop, size and location really doesn't matter to Nexsis Communications.

Whatever the nature of your project, CCTV, building security, WAN, wired or wireless, we can guarantee our expertise. Whether a large scale roll out, network re-fresh, or just too much for your current provider to cope with on their own.

Simple, complex or mission critical, we can design, install and support all of your network infrastructure needs with our own dedicated and accredited team of designers, network engineers and installers.

Need a quote or just want to learn a little more about Nexsis? Then contact us today.

END USER CLIENTS:

-  We partner with leading public and private organisations, providing them with cabling work and technical installations.
-  As cabling and infrastructure subcontractors, Nexsis is therefore a preferred route to take for greater peace of mind.
-  From public to private sector, SME to multi-national businesses, Nexsis have the experience and expertise to design, install and support all your network infrastructure needs.



CASE STUDIES



ETHOS COMMUNICATIONS

Ethos Communications deliver a range of voice, document and data solutions to over 4,000 customers worldwide, across all the leading providers including Avaya, EE, Gamma, Mitel, O2, Redbox, HP, Konica Minolta, Lexmark, TalkTalk, Virgin, Xerox, BT, Cisco and Microsoft.

Ethos specialise in single point solutions for Unified Communications across all sizes of business.

Working with a respected, trusted supplier such as Nexsis is key for Ethos, to ensure they can deliver to their customers.

Nexsis have helped Ethos deliver specialist skills for some of their key client projects, and thanks to a great working relationship will continue to work on many more together.



MATT HILL, MANAGING DIRECTOR OF ETHOS, COMMENTED:

" We really do love working with the guys at Nexsis because we know we can rely on them to deliver a high quality job, on time and to budget.

Of course in our industry things do go wrong occasionally, but we know that the team at Nexsis will always go that extra mile to put things right.

We need partners we can trust & we really do trust Sean & Leon & the rest of the Nexsis team "



Concept 2 an American based fitness company who were opening a new office in the UK.

The UK trade & industry team representative recommended Nexsis to Concept 2 to help them design and install the network infrastructure for the opening of their new office in Nottingham.

The Nexsis team designed, installed and managed the project to provide:

- ✓ PSTN lines
- ✓ Broadband
- ✓ Complete CAT6 structured cabling installation
- ✓ Local Area Network
- ✓ Telephony System
- ✓ Office Wireless
- ✓ IP CCTV

TAMMY DOHERTY, IT SUPPORT MANAGER, COMMENTED:

" We were opening a new office in the UK as a base for our expansion into Europe. Key to this expansion was ensuring we had the correct infrastructure in place ready for when our new staff members started work on their first day in the new office.

We were looking for a solutions partner who was able to understand our requirements, and supply a complete solution. We knew the timescales would be very challenging for any supplier.

Nexsis were recommended to us and after talking to Nexsis it was clear that they fully understood our requirements, and could design and deliver the complete solution for us. This took a large amount of pressure off our Project Manager who was tasked to deliver the office opening whilst working remotely from the US.

Nexsis provided a brilliant UK based Project Manager to work beside our own and manage some of the issues we had, such as not being in the UK to attend meetings with service providers to ensure installation dates were met. Their team members were our "feet on the ground" ensuring the solution was complete and tested before our required deadline.

I would not hesitate to recommend Nexsis for their skills and professionalism. They will be the first people we call when we require additional work to be undertaken. "



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