CLASS
CONNECTIVITY

Making the right connection

When it comes to the day-to-day running of your organisation, it can be easy to overlook just how important the right connectivity is.

As organisations across the UK embrace mobile working, big data applications and cloud-based services, connectivity plays an increasingly important role in ensuring fast and reliable access to the Internet.

Finding the right service provider can be difficult, as there are a range of options available, and the right answer isn't always going to be "more bandwidth".

Class Networks, the trusted experts

Class Networks specialise in providing and supporting the full range of connectivity services; along with the voice and data applications that run over them. Whether you are looking for business broadband, fibre to the cabinet (FTTC), generic Ethernet access (GEA), SIP trunking or a complete multi-site connectivity solution; Class Networks can provide the cost-effective, future proof solution that is best for you.

Don't worry if you don't know your SIP from your ISDN. We're on hand to provide impartial advice and recommend the best option for your organisation; both for today and the future.

What is the right connectivity for me?

With such a wide choice of products on the market, you need to think about what's right for your organisation. Here are four key considerations:

Availability Entering your analogue line number into the tool (www.dslchecker.bt.com) will show what broadband services are available at your location and what the likely speeds will be. Also, be aware of install lead times as they differ between services.

Capacity Think about what bandwidth you're going to need for both upload and download. In most cases, this will be determined by your use of cloud services like Office 365 or hosted desktop applications. If you're using VoIP, you will need 100kps per voice call. Be aware of contention ratios as throughput will vary at different times of the day. With bandwidth requirements increasing year-on-year, consider future upgrade options.

Continuity How long can you survive without your broadband connection? Should things go wrong, make sure you have an understanding of your service level agreements and, if necessary, consider back-up options.

Security Have you carried out a risk assessment? Can you define what security is needed to protect your voice and data traffic? What about firewalls, malware protection, anti-spam or data encryption?

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Connectivity Services from Class Networks

Broadband (ADSL) Fast, reliable and secure business Broadband connectivity	80% approx. UK coverage Installation 10 days Upgrade from ADSL to ADSL2+ to Annex M 10 days Max speed (rate-adaptive) ADSL up to 8 Mbps downstream and 0.45 Mbps upstream Max speed (rate-adaptive) ADSL2+ up to 24 Mbps downstream and 1.3 Mbps upstream Max speed (rate-adaptive) Annex M up to 24 Mbps downstream and 2.5 Mbps upstream 5:1 or 2:1 contention Usage caps 100GB and 200GB BT line required 4 port premium business router
FTTC Broadband Super-fast fibre to the cabinet Broadband service	70% approx. UK coverage Installation and upgrade from ADSL 10 days Max speed up to 80 Mbps downstream and 20 Mbps upstream Usage caps 100GB and unlimited 5:1 contention Multiple static IP addresses 4 port premium business router BT line required
FTTC Ethernet Entry-level Ethernet solution, delivered using cost-effective fibre to the cabinet technology	65% UK coverage Fast installation 25 days Supports bandwidths of 1-10Mbps in increments of 1Mbps and Supports bandwidths of 10, 15 and 20Mbps Dedicated and symmetrical service SLA with 9 hour fix time 24/7 monitoring Voice prioritisation BT line required

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Connectivity Services from Class Networks

| EFM (Ethernet First Mile)

Flexible, symmetrical Ethernet delivered over copper lines | 70% UK coverage

Installation time 35 days

Dedicated and symmetrical Service

Supports bandwidths of 1-10Mbps in increments of 1Mbps and

Supports bandwidths of 10-35Mbps in increments of 5Mbps

SLA with 9 hour fix time

24/7 monitoring

Voice Prioritisation

BT line required |
|---|---|
| **Private Circuit Ethernet**

Dedicated high availability, high capacity direct connection | 95% UK coverage

Installation time 65 days

Dedicated and symmetrical service

Speeds of up to 1GB downstream and upstream

Data and voice convergence

SLA with 7 hour fix time

24/7 monitoring

No BT line required |
| **Networking**

Multi-site converged voice, data and video network | Secure and managed private network

Wide range of access options up to 1GB

Multiprotocol Label Switching (MPLS) core network

24/7 support from a UK call centre |

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About Class Networks

Class Networks is a leading provider of IT and communications technology. Trusted by over 1000 commercial and voluntary sector organisation across the UK, our solutions deliver improvements in productivity, security and sustainability.

For more than 25 years, Class Networks have been dedicated to delivering service and technical excellence to customers in the UK commercial and voluntary sectors. We are the only approved network supplier to the National Councils of Voluntary Organisations (NCVO) in England, Wales and Scotland.

Technology is the ultimate enabler. Our solutions are designed to help organisations of all sizes meet the challenges of modern business communications at a sustainable, predictable price point.

Our comprehensive product and service portfolio includes networking, connectivity, unified communications, hosted desktop, cloud computing, security, fixed and mobile telephony.

Our systems integration experts make the most of these best-of-breed technologies to design and deliver solutions that improve workforce collaboration and productivity, address the demands of office and mobile workers, provide scalability, reliability and ensure data and network security – all at a cost that is both sustainable and represents excellent value to your organisation.

For further information please contact Class Networks
0333 800 8811

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