



Our networks can help you create a more effective and efficient organisation.

Abtec provides IT networks and services for businesses in the oil and gas market. Our networks can help deliver business critical IT applications to remote locations; improve supply chain effectiveness and reduce operating costs.

We've been working with oil and gas producers for many years. We supply IT networks to 25% of the companies in the FTSE350 Oil and Gas Producers sector. We've developed a series of network services that help oil and gas producers address important IT issues, including

- Sharing centralised IT resources to challenging locations
- Reducing the time and complexity to commission remote offices
- Mitigating security threats on production installations and IT infrastructure

International connections

Our global Ethernet network is available in 196 countries and have access to over 400 VSAT installations around the world. These provide a managed connection for data, voice and video for offices, offshore platforms and marine exploration.

Networks can be segmented to provide guaranteed speeds for IT applications. Telephony and business critical applications can be delivered through the same connection; reducing costs and the time to get installations operating.

Case Study

One of our clients had power supply problems in its Nigerian office. Power cuts would take out its data centre. Applications and data would be inaccessible for days at a time; the cuts were also reducing the life of the data centre hardware.

We provided a managed network from Nigeria to the company's UK network. It was able to remove much of the local infrastructure, centralising this into its UK data centre. IT resources were then delivered to the Nigerian office over the network. Business critical applications are now unaffected by local power supply, helping increase productivity.



For more information about how our network services could help your organisation please contact Abtec on 01858 438 500.

International network access methods

	Access method	Bandwidths Available	Ideal For
IP Connectivity	Dedicated Leased Line	10Mbps - 1Gbps	Business critical internet access. Disaster recovery and offsite back up. IP telephony
	Ethernet Extension Services	1Mbps - 2Gbps	Connecting a few sites together, sharing IT resources over a wide area
	VPLS	Variety of speeds available - Layer 2 network	Connecting few sites together over a national geographic area
	MPLS	Variety of bandwidths available - Layer 3 network	Connecting multiple sites together, SIP telephony, business critical applications
	VSAT	4Mbps download and 1.5 MBps upload	Marine exploration, offshore platforms, very remote offices
	Machine to Machine	3G/4G geography dependent	Metering and remote connection to processing units
Internet Access	Mobile Internet Access	3G/4G geography dependent	
	Leased Line	Variety of speeds available up to 1Gbps	
	VSAT	4Mbps download and 1.5 MBps upload	
Voice Services	IP Telephony		
	International Mobile Services		
	Video Conferencing		

Network performance visibility

The Abtec Network Monitor service gives you complete visibility of your network. The technology is proven in more than 150,000 installations worldwide. It assures the availability of your network components, measures traffic and usage. It saves you costs by avoiding outages, optimising connections, workload and quality, while saving time and controlling service level agreements (SLAs).

Why choose Abtec?

We've been supplying businesses in the energy sector for over 20 years. This experience underpins the services we offer. We understand the IT challenges you face and have tried and tested technologies that can help address them.

We've built a network of in country suppliers. Our project management teams have the knowledge to get services delivered on time and within budget, regardless of location.

- Our networks cover most of the world's oil and gas reserves
- We supply networks to 25% of the FTSE 350 Oil and Gas Producers sector
- National Grid trusts us to manage its IT and communications infrastructure
- We offer SLAs tailored to your organisation
- We understand your industry

Our network partners include:



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