Direct Internet Access (DIA)

Six Degrees is a leading hosting and managed services provider to the UK mid-market. The company specialises in delivering application performance management, monitoring, reporting and security, deployed on hybrid public/private cloud platforms of innovation. Everything Six Degrees does is underpinned by its own data centres, data network and voice switching infrastructure.

What is Direct Internet Access?

Direct Internet Access (DIA) is internet access for organisations that require 'always available' connectivity to the Internet.

What is Six Degrees DIA?

Six Degrees DIA is your core internet access product that provides Ethernet-based connectivity for organisations that require secure, high-speed, uncontended connectivity to the Internet. It comes as a fully managed, enterprise-grade, low-latency service with options for very high bandwidth, diversity, resilience and firewall security.

Businesses that require 'always available' high-speed upload and download capacity should use our DIA with its symmetrical and uncontended connectivity. The service runs on our redundant, resilient and private end-to-end high capacity network, delivering to all global internet destinations.

Why not ask about enabling burst flexibility to further enhance your DIA service? By adding it, you can easily enable greater bandwidth and increase capacity when you need it most. Burstability is an excellent way to deliver a consistent and scalable solution to futureproof your internet service.

Highlights

- Flexibility to reconfigure services as your needs evolve
- Proactive monitoring 24x7x365 in our UK Service Management Centre
- Installation and configuration assistance from our industry specialists
- Customisable options, such as a bandwidth limit per site or shared burst capability
- Interconnect to extensive global peering partners as well as multiple Tier 1 backbones
- Aggregation of bandwidth across all of your locations that delivers reliable and value-driven service
- Industry-leading service level agreements (SLAs) ensure optimal network performance and availability for your critical service

Where can I use DIA and how might it be deployed?

Six Degrees DIA can be used to connect in various scenarios:

- New Site / Relocation
- Multiple aggregated sites

In the diagram to the left, Direct Internet Access is shown into one customer site for multiple users.

Speak to our experts today on +44 (0)20 7858 4935 or connect@6dg.co.uk or visit www.6dg.co.uk

Key Features

The table below shows a breakdown of the key features and benefits of the Six Degrees Direct Internet Access (DIA) solution:

Features	Benefits
Scalable speeds	Choose from 2Mbps to >10Gbps - getting what is best suited to your organisation and tailored to each and every site.
100% SLA	Up to 100% Service Level Agreement (SLA) and a 4 hour fix time on leased lines.
Fully Managed	A fully managed service with on-site customer premises equipment (CPE) provides: • 24x7 Proactive engineer support with monitoring • Single point of contact with our Service Management Centre - managing hardware, 3rd party carrier(s) and the DIA service.
Dedicated Bandwidth	Dedicated DIA internet bandwidth and managed hardware give your business access to full bandwidth at all times, thus ensuring connectivity to mission-critical applications.
Extensive Peers	DIA routing is based upon the best routes from multiple Tier 1 global carriers and extensive peering in Europe and the US.
Automatic Diversity	No dependency upon the UK nor London for DIA routing; automatic diversity is delivered across our NGN via Europe and the US.
IPv4 and IPv6 Support	Both IPv4 and IPv6 are fully supported, so 6DG can help you future-proof your network.
Security and Resilience Options	We can provide fully managed firewall options as well as options for resiliency, such as dual connectivity in order to ensure your critical service is 'always available'.
SIP Ready	SIP trunking is available over 6DG dedicated leased lines with QoS which offers you cutting-edge technology.

How a Six Degrees Leased Line will help your business

When your business has a Cloud or SaaS-based corporate system strategy, a leased line (DIA in particular) is the lifeblood of your enterprise. Your business depends on your connectivity. As more and more corporate systems are being delivered in the Cloud, the connectivity between your users and those applications is key to the performance of your business. Slow or inconsistent internet access will, in turn, slow the responsiveness of your teams and distract them from your core business activities. Six Degrees DIA provides a fast, scalable connection that gives you what you need, when you need it.

Another perfect user of Six Degrees DIA is multi-site organisations. Multiple sites, each with its own internet access, multiple firewalls and IP address ranges, can make managing a corporate IT policy and its access difficult. By using Six Degrees DIA with a centralised firewall that can be provided either managed or via colocating your own device, it is possible for a single gateway, corporate policy and appropriate access controls to be put in place for your whole organisation. With high capacity scalable DIA from the core of the Six Degrees network, there are fewer single points of failure and capacity restrictions. The simplification of support and management as well as the improved availability will allow your staff to focus on core business activities.

With our high-speed internet access links you get guaranteed service levels, throughput and security, without any contention ratio issues. Our in-house experts understand your business requirements and only then recommend what is best suited for your needs.

Let us help you

Six Degrees Direct Internet Access is just one solution from our compelling product portfolio structured and designed to solve your business infrastructure needs. With incredible support from our passionate in-house engineers alongside an innovative offering to create the solution that you need, we will be happy to help.

CALL
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Accreditations