PANOPTICS

Call: 0203 137 6351

Email: hello@panoptics.com

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WAN (Leased Line)

Panoptics deliver high quality, secure & uncontended connectivity via our highly customisable network in conjunction with industry leading technologies. Experts in the provision of reliable, bespoke connectivity solutions within the most challenging environments, Panoptics WAN delivers guaranteed bandwidth, no contention ratio, site to site connectivity, QinQ and a level of service that enables businesses to connect as they need to.

Service Description

An ultrafast dedicated leased line. By default, all WAN fibre connectivity provided by Panoptics is delivered to the customer's site using Layer 2 point to point circuit's backhauled to our data centres using either Virgin Media or BT circuits. Internet breakout is then provided from all Datacentres using multiple carriers.

By delivering connectivity this way, a number of value added services can be offered which would not otherwise be easily achievable using traditional DIA (dedicated internet access), such as;

- **Hosted Telephony**
- **BaaS** (Backup as a service)
- **Site to Site connectivity with local internet break out**
- **Shared or dedicated firewalling**
- **Support for multiple VLAN tagging across a single fibre (QinQ)**

Businesses with multiple sites no longer require VPN technology to establish inter-site connectivity regardless of distance. By allocating a private VLAN over the leased line fibre connection to our datacentres at two or more sites, customers can communicate using existing internal IP address ranges transparently.

Panoptics also guarantee that each customer receives the amount of bandwidth being paid for and constantly monitor inbound and outbound connections in order to aid customer troubleshooting should any issues arise.

The connection provided is delivered using a dedicated layer 2 point to point circuit back to one of our data centres which is then broken out to the internet. Each datacentre has available spare bandwidth in excess of 20 Gbps. There is no contention ratio applied resulting in your business always achieving the bandwidth ordered.

Primary upstream connectivity from the datacentres is provided by Cogent Communications who are one of the most connected ASN's resulting in a significant portion of internet traffic only one hop away.

Benefits

Panoptics are able to provide multiple secure networks over the same fibre that is installed to deliver internet connectivity which you as the customer can prioritise using QoS on your existing network infrastructure.

The benefits of doing this include;

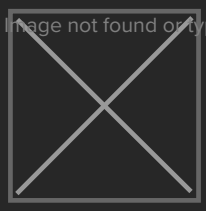
- **<10ms latency from customer site to our Datacentre**
- **No need for site to site VPN's**
- **QinQ enabled by default** allowing multiple secure VLAN's to be tagged to the customer site from the Panoptics platform
- **Guaranteed uncontended synchronous throughput to the Panoptics platform**
- **Access to the Panoptics Monitoring portal**
- **Dedicated ASA security contexts** can be provisioned on the Panoptics Firewall Cluster if required by the customer.

Features

	Panoptics Layer 2	Broadband
Web Filtering	Internal	External
Contended	cross	tick
Bandwidth Guaranteed	tick	cross
Control & Management	tick	cross
Connected Directly to the Panoptics Platform	tick	cross
Tier 1 Internet Connectivity	tick	cross
Predictable Latency	tick	cross
Firewalling	Centrally	Each site
Availability per Circuit	99.90%	Varies
Support	Service Credits for dealing below the above availability	Response Based No Guaranteed fix time
24x7x365 Monitoring	tick	cross
IP Telephony Capable	tick	cross
Centralised Backup	tick	tick
QinQ	tick	cross

Other Services To Consider

Discover how all of our services work together to deliver additional end user benefits and greater value...click here



Backup

Industry leading technology with short-term recovery, long-

term retention and Disaster Recovery (DR) as standard.

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Hosted Virtual Machines

Scalable and secure solution that enables businesses to consume new resources quickly and without upfront costs.

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VMware SD-WAN

High performing, flexible network over private, broadband Internet and LTE links for today's increasingly distributed enterprises.

We're always available to discuss any IT Project and would welcome the opportunity to talk it through. Get in touch now and we're confident we will find the perfect solution for your business.

Get in touch today.

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www.panoptics.com

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