

# WWW

2 x Tier 1  
Internet Breakout  
**cogent**  
**Level(3)**

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**Equinix Cloud Exchange**

- Office 365
- Microsoft Azure
- amazon web services
- Google Cloud Platform
- Dropbox
- ORACLE CLOUD
- VMware vCloud® Air™

20GB  
Dedicated  
Fibre

20GB  
Dedicated  
Fibre

10GB  
Dedicated  
Fibre

10GB  
Dedicated  
Fibre

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10GB  
Dedicated  
Fibre

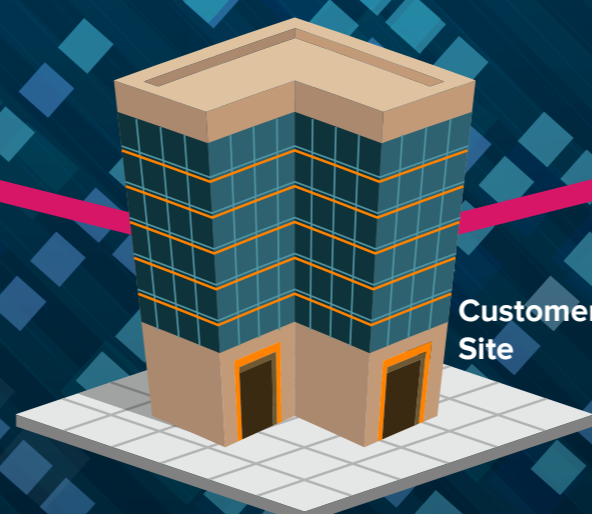
10GB  
Dedicated  
Fibre

Up to  
10GB  
Speeds

Up to  
10GB  
Speeds

Carrier diverse  
direct connections  
available  
**colt**

Carrier diverse  
direct connections  
available  
**colt**



Customer Site

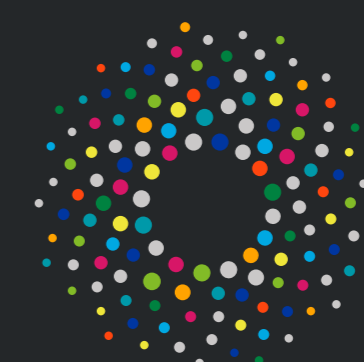
**PANOPTICS**

## Core Infrastructure

Vendors	Solutions
  	<h3>WAN</h3> <p>High quality, secure and uncontended WAN that enables businesses to connect as &amp; when they need to.</p> <p><b>Benefits:</b></p> <ul style="list-style-type: none"><li>&gt; No need for site to site VPN's</li><li>&gt; QinQ enabled by default allowing multiple secure VLAN's to be tagged to the customer site from the Panoptics platform</li><li>&gt; Guaranteed uncontended synchronous throughput to the Panoptics platform</li><li>&gt; Access to the Panoptics Monitoring portal</li><li>&gt; Dedicated ASA security contexts can be provisioned on the Panoptics Firewall Cluster if required by the customer</li><li>&gt; Optional DDoS protection</li><li>&gt; Access to 'Express Route' for Microsoft Azure &amp; Office 365</li><li>&gt; Access to 'Direct Connect' for AWS</li><li>&gt; Hybrid Cloud with on-premise, private and public cloud configurations</li></ul> <p><b>Stats:</b></p> <ul style="list-style-type: none"><li>&gt; &lt;10ms latency from customer site to our Datacentres</li><li>&gt; 99.90% availability per Circuit</li><li>&gt; 24x7x365 Monitoring</li><li>&gt; 100% uptime in the last 5 years</li></ul>
	<h3>Backup</h3> <p>Industry leading technology with short-term recovery, long-term retention and Disaster Recovery (DR) as standard.</p> <p><b>Benefits:</b></p> <ul style="list-style-type: none"><li>&gt; 1 month of fail-safe, daily backups as standard</li><li>&gt; DR included with all data retained at both of Panoptics Datacentres</li><li>&gt; Flexible self-service control</li><li>&gt; Intuitive data storage consumption control to manage costs</li><li>&gt; Granular restore at a file or entire VM level</li><li>&gt; Built in DDoS protection</li><li>&gt; Inflight encryption</li><li>&gt; Customer defined RTO &amp; RPO</li></ul> <p><b>Stats:</b></p> <ul style="list-style-type: none"><li>&gt; 99.99% service availability</li><li>&gt; 20GB p/s dedicated bandwidth</li><li>&gt; Data replicated between 2 Datacentres</li></ul>
 	<h3>Hosted Virtual Machines</h3> <p>Scalable and secure solution that enables businesses to consume new resources quickly and without upfront costs.</p> <p><b>Benefits:</b></p> <ul style="list-style-type: none"><li>&gt; 2 x Tier III+ Datacentres (DCs)</li><li>&gt; 2 x Tier 1 Internet Carriers<ul style="list-style-type: none"><li>&gt; Optional DDoS protection</li></ul></li><li>&gt; High availability between DC's at the storage, hypervisor &amp; application layer</li><li>&gt; HP 3PAR Active/Active Storage for rapid failover</li><li>&gt; Market leading Hypervisor technology (VMware virtualisation)</li><li>&gt; Optional enterprise grade load-balancing technology</li><li>&gt; Resilient 20GB inter DC connectivity with &lt;1ms latency</li></ul> <p><b>Stats:</b></p> <ul style="list-style-type: none"><li>&gt; 99.99% service availability</li><li>&gt; Storage latency &lt;1ms</li><li>&gt; 2hr RTO &amp; RPO</li></ul>
 	<h3>Hosted Telephony</h3> <p>Fully managed, flexible telephony solution that facilitates intelligent business communications.</p> <p><b>Benefits:</b></p> <ul style="list-style-type: none"><li>&gt; SIP connections</li><li>&gt; Virtual environment - highly available across 2 Datacentres</li><li>&gt; Access to multiple carriers</li><li>&gt; Rented handsets</li><li>&gt; Fully managed PABX</li></ul> <p><b>Stats:</b></p> <ul style="list-style-type: none"><li>&gt; 99.99% service availability</li><li>&gt; Average cost saving of 25% in comparison to PSTN services</li></ul>

### Infrastructure Benefits:

- > Geographically diverse to serve customers across London & the UK
- > Carrier diverse for complete resilience in the event of failure
- > Guaranteed performance with <1ms between datacentres
- > 2 x Tier 1 internet breakout providers for complete reliability



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