

# Smart WAN

## The smarter way to procuring and deploying your WAN

The cost associated with deploying a Wide Area Network (WAN) is one of the primary challenges facing IT departments as they look to upgrade their existing infrastructure. WAN upgrades are essential to support expanding businesses and increasing data capacity requirements, but migrating to a new WAN is seen as a risk to day to day operations.

### Smart Wires Technology

#### Access to Exponential-e Service Creation Platform

We design and deploy our Smart WAN solution over our Smart Wires network. Smart Wires uses VPLS (Virtual Private LAN Services), extending the plug-and-play functionality from the LAN across a wide area by facilitating the creation of a completely private virtual cloud to which you can connect all of your sites. Smart WAN provides any-to-any connectivity and access to Exponential-e's managed services platform across this cloud. Importantly for security, we also keep these services separate from each other.

### Smart WAN

#### Reducing costs

The Smart WAN service from Exponential-e is designed to meet both the cost challenge and migration risks associated with the deployment of multi-site Network infrastructure by offering a pricing model based on the number of sites making up the Network topology.

### Smart WAN + Internet + Centralised Firewall

#### For single security boundary and gateway

Our Smart WAN solution comes with the option of Internet, Exponential-e's business-only private Internet service which includes a fully managed centralised firewall. For businesses looking for a multi-site WAN with a single central security boundary and Internet gateway providing protection from unauthorised access and other security threats, the

combination of these two Exponential-e services is ideal.

The fully managed centralised firewall service from Exponential-e is based on purpose built, large enterprise-class security appliances and hosted in carrier-class Data Centres. Exponential-e is based on purpose built, large enterprise-class security appliances and hosted in carrier-class Data Centres.

### Service Creation Platform

Smart WAN is the first building block to accessing multiple services over Exponential-e's Network.

SSL VPN	<h3>Service Creation Platform</h3> <p>Smart WAN is the first building block to accessing multiple services over Exponential-e's Network.</p>		
Wide Area Networks			
Centralised Firewall			
Data Centre Connectivity	Workplace Recovery		
Business Internet	Web & Email Security	SIP Trunking	
Bandwidth Management	IaaS	PSTN / ISDN Lines	
AWS Connectivity	Server Replication	Inbound Call Management	
Access Services	Online Backup	Hosted Telephony	Colocation
<b>Network Services</b>	<b>Cloud Services</b>	<b>Voice Services</b>	<b>Data Centre Services</b>
Professional Services			



## SOLUTION ELEMENTS

OPTIONAL	Internet Access	Managed Firewall	Bandwidth Management	Managed Services	<ul style="list-style-type: none"> <li>Combine it with our Internet Access, Centralised Firewall and Bandwidth Management for a complete connectivity solution.</li> <li>On-net to Exponential-e's Managed Voice and Cloud Services.</li> </ul>
	WAN	100 GigE Network	VPLS	QoS	
SMART WIRES	EDD	Managed Router	Access Back-up		<ul style="list-style-type: none"> <li>Complete managed solution with comprehensive monitoring and end-to-end SLA.</li> <li>Optional back-up with auto fail-over for extra peace of mind.</li> <li>End-to-end fibre from your premises all the way into our core network. Non-contended, ultra-fast, symmetrical and fully scalable.</li> </ul>
		Ethernet over fibre access mechanism			

## SMART WAN FEATURES

- Fibre-based WAN solution.
- Multiple bandwidth options: 10 Mbps, 25 Mbps, 50 Mbps, 100 Mbps up to 1Gbps in 100 Mbps increments, then up to 10Gbps in 1Gbps increments.
- Circuit bandwidths available options: 100Mbps, 1Gbps and 10Gbps.
- Complete managed solution with our Ethernet Demarcation Device (EDD) and managed router as standard.
- Option to add back-up for additional peace of mind.
- 6 levels of QoS to ensure traffic is prioritised according to business requirement.
- Comprehensive end-to-end SLA based on availability, latency and packet loss.
- Available with Internet service: business-only.
- Internet with managed centralised firewall.

## SMART WAN BENEFITS

- Control the costs of your Wide Area Network.
- Use your Wide Area Network to give you access to multiple services.
- Faster and more reliable remote access to applications and data.
- Better able to manage high-speed data traffic.
- Delivered over 100GigE core Network.
- End-to-end SLA for true peace of mind.
- Enterprise-grade security.

## ABOUT EXPONENTIAL-E

Innovation is at the core of Exponential-e, and has been since our inception in 2002. We wholly own our super-fast Network, and our fusion of complementary technologies - a carrier-class Network and Cloud infrastructure - means we can deliver enterprise applications at wire speed for a superior end-user experience. We deliver scalable, dynamic and bespoke solutions. Renowned for our

responsiveness, coupled with our customer centric approach, and a UK based 24 / 7 x 365 service desk, means we offer unrivalled expertise.

To find out more about Exponential-e visit [www.exponential-e.com/Smart-Wan](http://www.exponential-e.com/Smart-Wan) or email [info@exponential-e.com](mailto:info@exponential-e.com)

