

Expand Networks - WAN Optimisation

Solution Overview

Organisations around the world are increasingly required to maintain business productivity in any event. No longer able to get by with simple WAN management solutions, we now need high performance application delivery in order to ensure our productivity is achievable.

Expand Networks' technology is a tightly integrated, multi-service platform that delivers the complete Application Acceleration solution. It is both open and scalable, enabling flexibility, simplicity and reduced costs - all whilst meeting today's global business requirements.



“Expand Networks WAN Optimisation solutions can demonstrate significant return on investment, helping your IT environment to stay ahead of the economy.”



Application Acceleration

Expand Networks primarily focus on delivering applications across the Wider Area Network (WAN) at a faster and more efficient rate. The ultimate result of Application Acceleration is to enable more user sessions per remote location, as well as speeding response times across the board.

The below application-specific solutions will improve in their capacity and response time with the Expand Networks technology.

Terminal Services

- Up to 1,000% Terminal Services acceleration over the WAN
- Reliably add at 50% more user sessions on the same network
- QoS to protect Terminal Services performance
- Protocol acceleration to speed larger RDP transfers over the WAN
- Transparency to simplify infrastructure integration

Citrix Services

- Up to 1,000% Citrix ICA acceleration over the WAN, with a consistent 300%
- Reliably add 50% more user sessions on the same network
- QoS to protect ICA sessions performance
- Protocol acceleration to speed larger ICA transfers over the WAN
- Transparency to simplify infrastructure integration

Microsoft Exchange

- Up to 2,500% Exchange acceleration over the WAN
- Works with Outlook caching enabled
- QoS to enable continuous replication capabilities
- Protocol acceleration to mitigate latency and fill the pipe
- Transparency to simplify infrastructure integration

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Disaster Recovery (DR) Replication

- Enable real-time replication and synchronisation across the existing network
- Prevent application congestion from dismantling your Disaster Recovery operation
- Ensure that file transfers are fast and use all of the available bandwidth
- Improve productivity by reducing backup downtime

Layer 7 Applications

The key to gaining visibility, control and subsequently acceleration on your WAN, is a powerful set of inspection, identification and classification technologies. Next generation Layer 7 application visibility enables inspection of the consolidated network traffic delivering invaluable application, user and environment details. These details allow you to categorise traffic that originally was unclassifiable - which enables the visibility and control of business resources, productivity and functionality, and ultimately ensures application acceleration.

Bi-Directional Layer 7 Quality of Service (QoS)

Expand provides extensive bi-directional QoS, which is a key requirement for effective WAN Optimisation. Layer 7 visibility covers the following applications:

- Citrix
- Web
- Peer to Peer
- Instant Messaging
- Audio / Video
- Email
- Printing

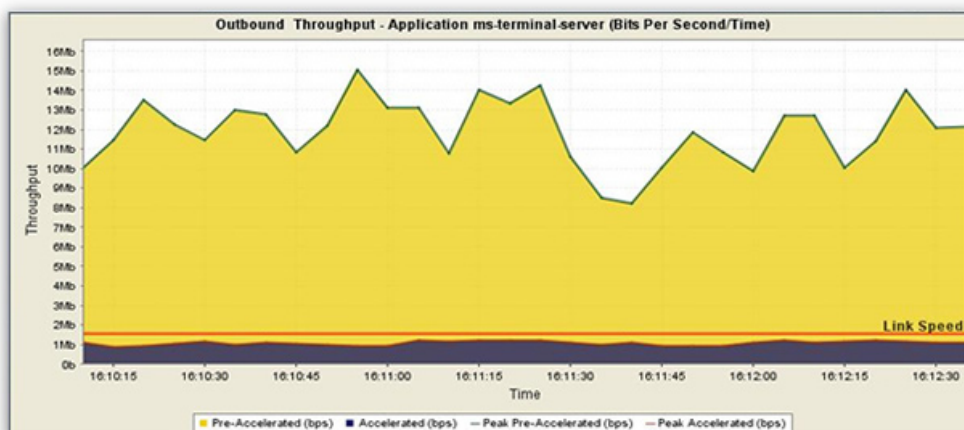
Virtual Desktop Infrastructure

As the leading VDI accelerator, Expand can be hosted on Virtualised servers; fitting directly into your hardware infrastructure while accelerating the traffic generated out of it.

By creating a 'Virtual Proximity' experience its solutions deliver a superior end user environment, closing the user/application 'virtualisation gap' and putting the user in 'virtual proximity' of applications and datacenter services.

Virtual Branch Office - Wide Area File Services (WAFS)

For large organisations in multiple locations, remote access availability between branch offices is business critical. To truly enable virtual proximity for each branch, multiple service requirements need to be addressed in a consolidated, powerful and easy to manage package. Expand's Virtual Branch Office supplies not just the world's most advanced Wide Area File Services technology, but all the infrastructure services required for your branch offices. It's everything you need to completely consolidate servers and centrally manage your data, without impacting your user's productivity and IT efficiency.



Usable throughput consistently over 10 Mbps on a 1.5 Mbps link, with peak throughput of over 15 Mbps.