

# ACCELERATE SP PRODUCT COMPARISON DOCUMENT

## Accelerate VS Accelerate Premium Edition

	Accelerate	Accelerate “Premium Edition”
<b>Acceleration</b>	TCP Acceleration	TCP Acceleration
	Packet Loss Mitigation	Packet Loss Mitigation
		Compression
		Caching
		Deduplication
<b>Network</b>	Dedicated Internet	L2 / SDH Core
	Edge – Global POP	Edge – JHB POP – Global POP
	SLA 99.9%	SLA – 99.999%
<b>Security</b>	Proprietary VPN	IP Sec
	No Decryption of SSL	Shared Certificate for Decryption
	Internet Based	Private L2/SDH Global Core
<b>Routing</b>	DNS Feature	DNS Feature
	Static Routing	Static Routing
	Inline Deployment	Inline or Routed
<b>Management</b>	Full Management	Full Management
	Network Visibility	Network Visibility
		Application Visibility
<b>Bandwidth Usage</b>	No Changes	Up to 80% Reduction
<b>Contract</b>	No contract	24 Month Contract

# COMPARISON EXPLANATIONS

While both services give great value, they have been developed and engineered at different levels and as a result for different customers. These differences lie both in the technology and the physical network. Here are some brief differences between the services:

## Acceleration (Standard) VS Full Optimisation in Premium Edition

The addition of compression, caching and de-duplication significantly changes the usage of bandwidth in the Premium Edition with up to an 80% reduction in certain traffic. On average you can expect at least a total bandwidth reduction of 50% which should be taken into consideration when comparing Premium to standard commercially. In this case Premium is often overall more cost effective.

## Network

Whilst standard acceleration uses dedicated and high-quality Internet access, Premium Edition uses a closed and dedicated core network which compares to MPLS based on its 0% latency and lowest overall latency. Premium also connects into AWS and Azure private global networks (Direct Connect, Express Route).

Customers using Accelerate standard can route traffic from their LAN directly to any global gateway, where in premium edition traffic will be routed from a customer network to the SA POP before being forwarded to the closest international POP to the application.

## Security

Both services offer a secure end to end transmission, however to compress and de-dup traffic premium edition requires the ability to decrypt SSL traffic within its core network. As a result, users of premium edition with compression and de-duplication will be required to accept a trusted certificate from Accelerate SP or visa versa. Decryption is done in the trusted and private L2 network and traffic is re-encrypted before leaving the trusted network.

## Routing

Our intelligent DNS function in both standard and premium edition is mainly used with Microsoft 0365 due to an abnormally large number of changing subnets. Customers outside of 0365 can decide on routing traffic using intelligent DNS or static routing.

## Management

Both services are fully managed but only premium edition comes with application usage visibility and statistics.