



DATA MADE SCALABLE

# SD-WAN

GLOBALLY OPTIMIZING NETWORK PERFORMANCE AND SECURITY.  
GETTING THE MOST OUT OF YOUR NETWORK

SD-WAN is the network access technology that truly reflects how modern enterprises wish to connect their users to the applications and services they need to access on a daily basis. Whilst the increasing migration of IT services into the cloud alongside an increased distribution of staff and access methods should spell the end for some types of private networking topologies; now more than ever there is a demand for a high-performance global backbone privately connected to major cloud partners to ensure users have the application performance they expect and the lowest possible security attack surface regardless of where in the world they are accessing their service.

GCX SD-WAN delivers effortless centralized management & deployment, security, networking, and application control. Our SD-WAN features help to reduce operational costs and optimize resource usage for multi-site deployments, this allows better utilisation of available bandwidth and delivers a stronger relationship between available bandwidth and critical applications to not only guarantee throughput but to maintain uptime in a seamless manner. Our solutions offer a broad range of security options both within the equipment and with wider access to cloud based security services that have the intelligence to adapt and protect your network from the ever-changing cyber threat attack surface providing you with peace of mind.

## THE GCX APPROACH

GCX recognise that our customers are looking for a more flexible approach to networking. Whilst some have the in-house capability to self-manage some or all of their SD-WAN estate, others still require their SD-WAN services to be fully outsourced to an expert service provider. The breadth of our Managed Networks portfolio covers both outcomes. GCX not only provide a fully managed SD-WAN service, but we also provide pre-packaged service elements that can be bought to help those looking for partial or full DIY networking.

We work with diverse SD-WAN equipment manufacturers and carriers to deliver solutions that meet our customers security and networking needs across a global footprint.



## OUR SD-WAN SOLUTIONS DELIVER THE FOLLOWING BENEFITS:

- Optimize user application performance by prioritising availability across diverse access paths – on the same or different access media (Wavelengths, Ethernet, Broadband, & LTE). This helps increase user productivity by optimizing cloud and on-premises application performance backed by real-time analytics, visibility, and control.
- Simple, clear, visibility - our solution provides a fully centralized cloud management dashboard for security, networking, and application control across your entire WAN.
- Our SIM card option backed by a usage pool which helps facilitates both rapid delivery and redundant path connectivity spanning over 170 countries in the world
- Minimize your security risk with our integrated next generation firewall and security features such as Anti-Virus, Threat Prevention, Malware Detection, URL Filtering, Content filtering, intrusion detection, Extended Detection and Response, and more.
- Our solutions are SASE compatible and whilst SASE overlays can be provided with the same or different vendors, we have selected a suite of SDWAN partners that also offer SASE bolt-on options as part of their feature set, likewise we have the expertise to build additional SASE security overlay services from different vendors if needed.
- Flexible client engagement from DIY network support through to full turn-key solutions – with multiple vendor options providing best fit solutions.

## FACILITATING DIY SDWAN NETWORK BUILD

Our Agile SD-WAN solution can be provided as either a fully managed service or a range of flexible packaged services designed to complement those looking to a more DIY approach - designed to help you leverage the skills of our consultants, our equipment vendors and any in-country carrier relationships and may save you time and cost on service deployment, provisioning, or management.

### Circuit Procurement and Deployment:

For those customers who want a single global supplier relationship for their network circuit infrastructure GCX offer a global circuit advisory, procurement, and management service, these can be provided as either unmanaged or as a managed service backed with a single global Service Level Agreement.

### SDWAN overlay Procurement and Deployment:

For those customers who have an access circuit estate and are looking for an SDWAN overlay, GCX can design, procure, deliver, and manage the SDWAN overlay.

### Network Split Management:

For those looking at either a partial or full DIY management solution, GCX offer a split management service, where GCX manage/maintain the infrastructure and hardware and the customer manages the security & SD-WAN policies. This allows you to have control of policy implementation without taking on the burden of global network infrastructure management.



## TECHNICAL FEATURES AND CAPABILITIES

- The industry's only organically developed, purpose-built, and ASIC-powered SD-WAN enables thin edge (SD-WAN, routing) and WAN Edge (SD-WAN, routing, NGFW) to secure all applications, users, and data anywhere.
- A built-in next-generation firewall (NGFW) combines SD-WAN and security capabilities in a unified solution to preserve the security and availability of the network.
- Simplify centralized management, deployment, and automation to save time and respond quickly to business demands with end-to-end visibility. With a single pane of glass management that offers deployment at scale.
- Analytics and reporting delivered on both a real-time and historical basis. Featuring network visibility and performance monitoring for latency, jitter, loss, and MOS.
- Intelligent routing and control including dynamic path selection maximises selected application performance and uptime over other applications.
- Integrated security architecture with analytics and automation capabilities can address and dramatically improve visibility and automation.

## WHY CHOOSE GCX?

GCX provide a flexible range of global services across that GCX global backbone that can be as simple as assisting you to deliver and support your own self-build network through to providing a fully managed outsource service. Our solutions are backed by a team of expert consultants who can assist on every step of your data journey, whether it is design concerns like resilience or security, OEM and carrier selection, deployment, and management we are there all the way with approaches that adhere to best practices and are standards led wherever possible.

With both single vendor and multi-vendor options for each building block of SD-WAN (Network Firewall, Access) the GCX SD-WAN single vendor solutions can integrate into the relevant wider Vendor Ecosystems which reduces overlap spend, eliminates duplicate functionality, and optimises visibility and control using a single management tool. Or, with multiple vendors options our customers can benefit from best in breed solutions for each building block.

By delivering your service on a fully managed global network the majority of which is owned from the ground (or the sea) up, we have greater control over our network deployments and therefore shorter fix times, this global presence ensures that we can deliver and support whenever, wherever.

