

Managed Meraki SD WAN

Move confidently to a Meraki SD WAN with
the peace of mind of a managed service



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Why Managed SD WAN?

A managed SD WAN service helps you to deploy SD WAN without requiring a large IT Team

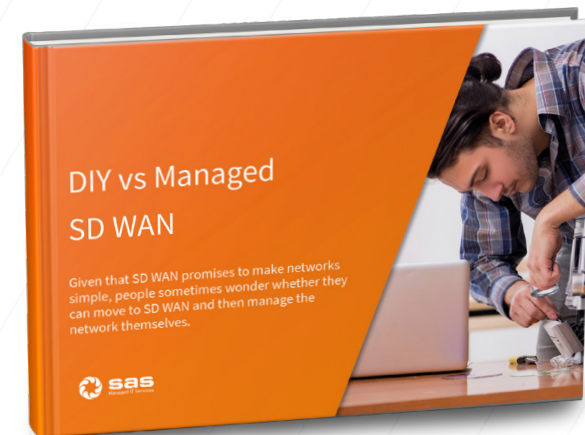
Meraki is well known as an SD WAN vendor that can simplify the management of your WAN. However, there are many component parts to a WAN, many of the complexities of the underlying connectivity still remain when you move to SD WAN.

A managed Meraki SD WAN frees you to focus on your IT objectives while having the confidence that your WAN is in safe hands. Here are some reasons to choose a managed rather than a DIY SD WAN.

- It avoids you having to retain CCIE or equivalent skills to design the network and troubleshoot tricky problems.
- It avoids you having to manage the procurement and provision of circuits.
- It avoids you having to project manage the deployment of your WAN.
- It avoids you having to run a field engineering team to deploy and then support in-life.

- It avoids you having to supply the WAN helpdesk staff required for 24x7x365 cover.
- It means that someone else, rather than you, is ultimately responsible for keeping the network running.
- It avoids you having to manage connections to Cloud.

For more information about choosing between DIY vs Managed SD WAN you can download our guide



DOWNLOAD NOW

Managed Meraki SD WAN from SAS

Move confidently to a Meraki SD WAN with the peace of mind of a managed service

Our Managed Meraki SD WAN networks take the effort and risk out of moving to SD WAN. They free you to enjoy the benefits of Meraki SD WAN and to concentrate on your wider IT objectives.

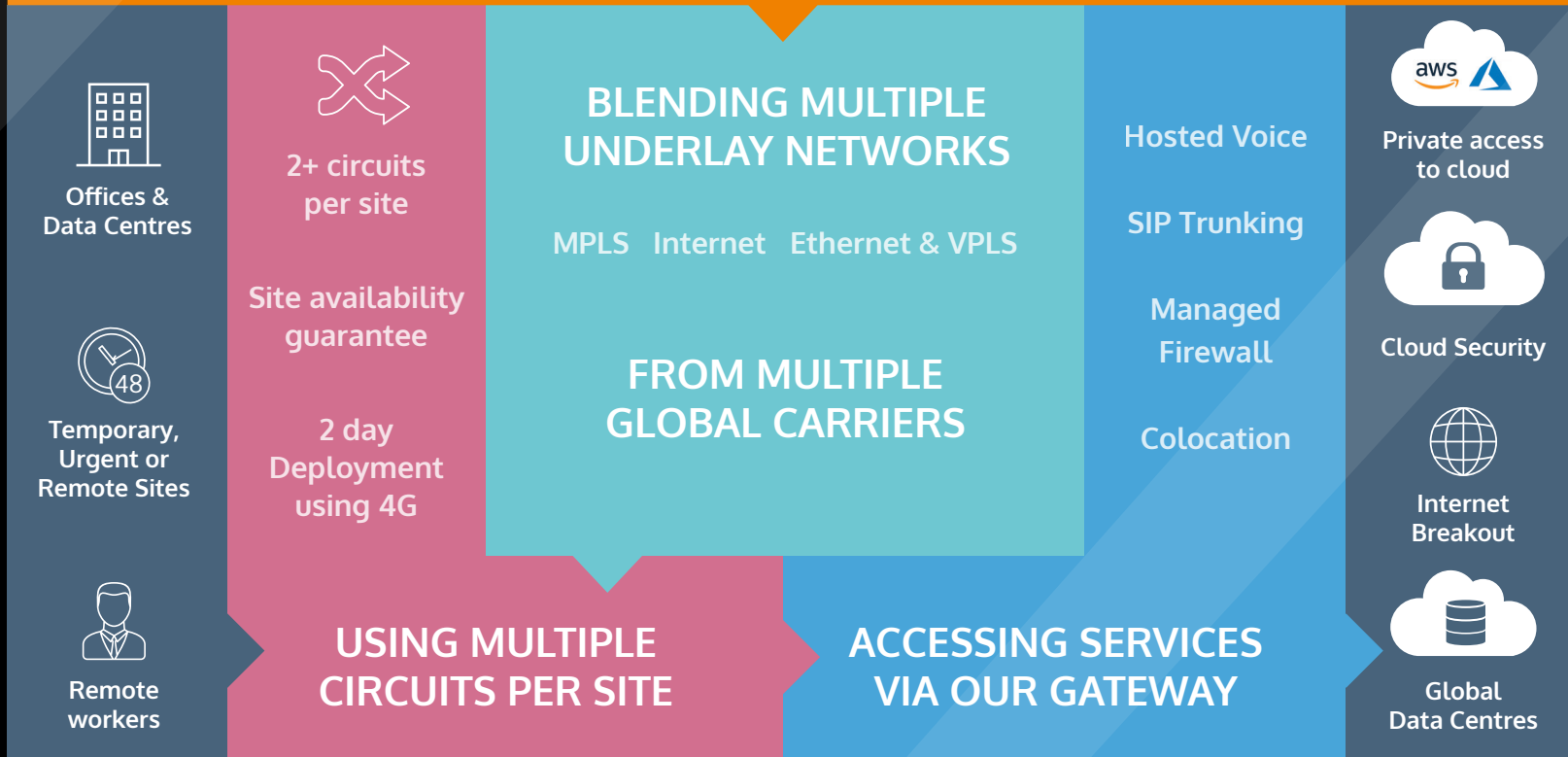
We offer SD WAN from an industry leading vendor, alongside advanced Hybrid Networks and a world-leading monitoring platform to give you the best network, the best application performance, the least hassle and the best price we can possibly deliver. We manage your carriers so that you don't have to!

- SD WAN overlay from Cisco Meraki - one of the leading vendors in the market
- On a global Hybrid Network underlay blending multiple technologies from multiple carriers
- Built-in gateway to cloud and other applications
- All visible in a single pane of glass
- With the peace of mind of a fully managed service
- Options for co-management on both underlay and overlay
- Global Managed service to free your IT team to deliver value to the business



We manage and monitor your whole network

AN SD WAN OVERLAY FROM A MARKET LEADING VENDOR




Offices &
Data Centres


Temporary,
Urgent or
Remote Sites


Remote
workers


2+ circuits
per site

Site availability
guarantee

2 day
Deployment
using 4G

USING MULTIPLE
CIRCUITS PER SITE

BLENDING MULTIPLE
UNDERLAY NETWORKS

MPLS Internet Ethernet & VPLS

FROM MULTIPLE
GLOBAL CARRIERS

ACCESSING SERVICES
VIA OUR GATEWAY

Hosted Voice

SIP Trunking

Managed
Firewall

Colocation



Private access
to cloud



Cloud Security



Internet
Breakout



Global
Data Centres

What's included?

Consultation and Design

Our Technical Design service helps you to scope a solution that fully meets your needs. We help you shape the technical architecture, infrastructure, applications, and the selection of carriers and vendors. This will give you an SD WAN design that works with your applications, your cloud platforms and your underlay.

Hardware

We can handle everything from ordering and licensing, through staging, configuration, and deployment to the setup of your end-point devices. These are also photographed in-situ for future reference and on-boarded into our monitoring platform. Your hardware is fully protected by break-fix maintenance.

Deployment

We use proven people, processes and systems to take the disruption and risk out of installing your SD WAN network. Deployment includes technical project management, carrier provisioning, network engineering and then setup and tuning of the SD WAN overlay.

Monitoring

We marry the Meraki SD WAN management portal with world-beating management and monitoring of your underlay and the rest of your infrastructure and applications. Our advanced monitoring, alerting and reporting helps identify and fix network and application performance issues, and plan for the future. We offer a unique common portal: you see what we see, whether that's performance, issues or change requests.

Incident and Problem Management

We raise 95% of key issues proactively, and we manage those through to resolution using from our 24x7 UK based Network Operations Centre. We provide root cause analysis and corrective action following incidents. Issues are tracked on your portal.

Change Management

We offer controlled changes to reflect the changes you need to make to your network and to keep it up to date. Change requests are visible on your portal. We store device configurations securely, to assist with change control and service restoration.

Automated patches and upgrades

We provide automated, scheduled upgrades to ensure your devices have the latest features and security patches.

Expert guidance and support

We provide expert named resource to help you shape your network and infrastructure, deal with problems and plan for the future.

And a service that customers LOVE; our Net Promotor Score is consistently over 70!



SD WAN from a leading vendor



Cisco Meraki

Cisco Meraki is our most popular SD WAN vendor, offering a wide range of great features at a great price. Meraki offers integrated SD WAN and security with the ability to couple WiFi and other services. Cisco is recognised as a leading SD WAN supplier by Gartner within their Magic Quadrant*.

* Magic Quadrant for WAN Edge Infrastructure

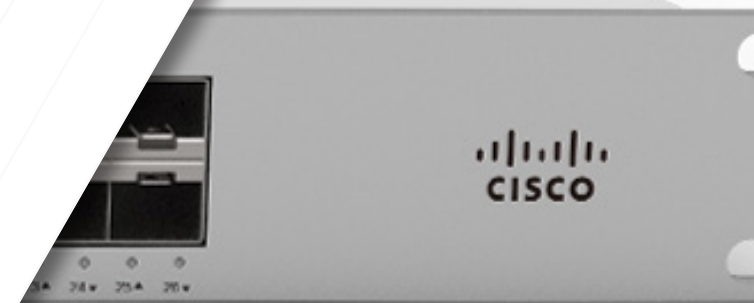
Example hardware

What is the Cisco Meraki MX range?

Cisco Meraki MX Security & SD-WAN Appliances are ideal for organizations considering a Unified Threat Management (UTM) solution for distributed sites, campuses or datacenter VPN concentration. Since the MX is 100% cloud managed, installation and remote management are simple. The MX has a comprehensive suite of network services, eliminating the need for multiple appliances.

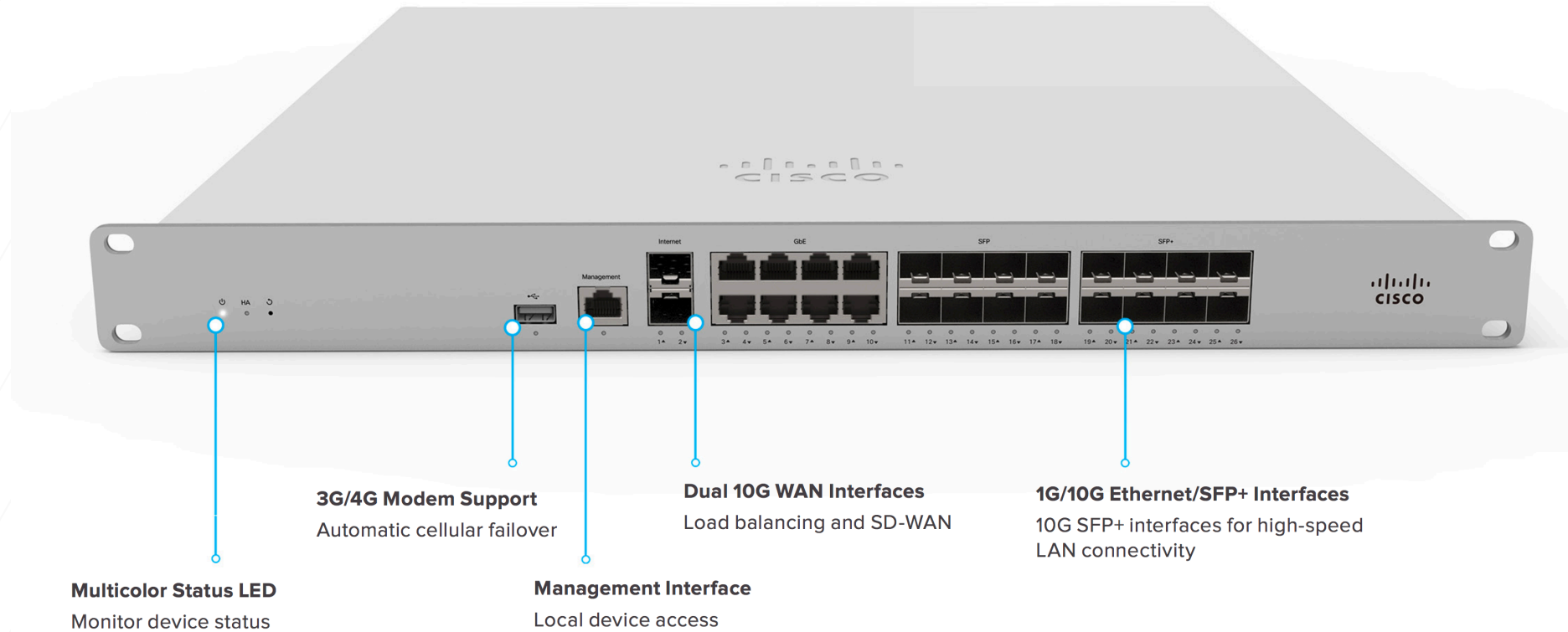
These services include:

SD-WAN capabilities, application-based firewalling, content filtering, web search filtering, SNORT® based intrusion detection and prevention, Cisco Advanced Malware Protection (AMP), web caching, 4G cellular failover and more. Auto VPN and SD-WAN features are available on the hardware and virtual appliances, configurable in Amazon Web Services or Microsoft Azure.



Front of the Cisco Meraki MX

MX450 shown, features vary by model



Feature-rich unified threat management (UTM) capabilities

- Application-aware traffic control: bandwidth policies for Layer 7 application types (e.g., block YouTube, prioritize Skype, throttle BitTorrent)
- Content filtering: CIPA-compliant content filter, safe-search enforcement (Google/Bing), and YouTube for Schools
- Intrusion prevention: PCI-compliant IPS sensor using industry-leading SNORT® signature database from Cisco
- Advanced Malware Protection: File reputation-based protection engine powered by Cisco AMP
- Identity-based security policies and application management

Intelligent site-to-site VPN with Meraki SD-WAN

- Auto VPN: automatic VPN route generation using IKE/IPsec setup. Runs on physical MX appliances and as a virtual instance within the Amazon AWS or Microsoft Azure cloud services
- SD-WAN with active / active VPN, policy-based-routing, dynamic VPN path selection and support for application-layer performance profiles to ensure prioritization of the application types that matter
- Interoperates with all IPsec VPN devices and services
- Automated MPLS to VPN failover within seconds of a failure
- Client VPN: L2TP IPsec support for native Windows, Mac OS X, iPad and Android clients with no per-user licensing fees

Product Feature Highlights

Deep network visibility:

Layer 7 visibility and management for fine-grained control over how people use the network bandwidth.

Live troubleshooting:

Ethernet cable testing, event logs, and live packet captures right from the dashboard.

Bulletproof security:

6 complex devices built into one, easy-to use security appliance - branch router, firewall, site-to-site VPN, content filter, load balancer, and WAN accelerator.

High density support:

Automatically optimizes and delivers superior performance in the highest density wireless environments and under intense interference conditions.

Location analytics:

CMX location analytics provides real-time location statistics to improve customer engagement and loyalty across sites.

Mobility management:

The only networking solution that provides unified management of mobile devices, Macs, PCs, and the entire network from a centralized dashboard.

Services that integrate with an SAS Managed Meraki SD WAN

Network & Application Monitoring

We have one of the best monitoring and management platforms in the industry, giving complete, deep and interconnected information about the network and the way your applications are performing over it. We can show the complete application path, so resolver groups can easily see and deal with problems.

Managed Firewall

Managed Firewall services provide management, monitoring, support and alerting for firewalls, in order to maintain security and business continuity without having to invest in expensive resource and processes.

SAS Gateway

The SAS Gateway provides rapid, flexible access to an extensive range of cloud platforms, cloud applications, Hosted voice and SIP services, with private access to hundreds of service providers and global data centres. The Gateway can help deliver faster deployments with higher performance access to cloud applications and lower access costs.

Voice Services

You may be relying on a traditional analogue of IP based private branch exchange (PBX) telephone system. If so, it could be time to consider moving to a hosted solution in order to benefit from what a cloud-based solution has to offer.

SAS Net

SASnet provides internet connectivity for your sites or your WAN. It connects via our Gateway to Cloud platforms, applications, hosted voice and data centres. SASnet includes access to firewall services and was built from the ground up to support SD WAN. It is also fully managed and monitored for your peace of mind.

4G Connectivity

We bond multiple 4G LTE SIMs from multiple networks into a single data connection, and we connect this to the internet or to your corporate network. Depending on the options chosen, we can do this in as little as two working days.

Our vision for your network

The best price possible

Our hybrid networks, enhanced by Meraki SD-WAN, blend carriers and technologies to optimise the price of every site, and minimise installation cost with zero touch deployment. We offer transparent pricing for peace of mind.

The fastest deployment

Our hybrid networks let you choose circuits that deliver fastest for each site, and our 4G WAN circuits offer 2 day delivery with seamless transition to permanent circuits.

The easiest migration

We phase your migrations to suit you, minimising cost and hassle.

The best performance and uptime

Our advanced monitoring shows the whole application path, raises 95% of key issues proactively and allows detailed reporting and drill-down to show issues and long-term trends.

The most enjoyable and pain free experience

Our end to end digital systems and processes deliver Right first time with clear, accurate bills.



Why customers choose SAS

We have been implementing Global Hybrid WANs and SD WAN principles for many years.

1. Design for end user experience

We design around your end users, your applications and your priorities so your network truly delivers the user experience that your business needs.

Network performance is critical for the responsive applications that your users need to run your business, but many suppliers struggle to deliver this beyond the systems they have sold. We rigorously design around the users, the applications they run and the bandwidth requirement that each has, so you can be confident that your users get what they need.

We do this by ensuring that our solutions integrate with your existing infrastructure and we monitor and manage circuits and devices that we have not provided to ensure we have a single view of your network.

When designing your network we make sure you are aware of all of your network options, their benefits and limitations, to ensure you get the best solution. We also help you to optimise your carrier spend.

2. Our Hybrid Meraki SD WAN networks give you cost effective performance

Our platform and our carrier independence lets us blend multiple vendors and access technologies to meet all of your needs in all your locations, anywhere in the world. We match your speed, reliability and cost priorities to what is available in that location.

Your users want great performance when using their applications, whether they're in your HQ, a branch office or on the move. They are not concerned that some of your sites are in far-flung places, that you need to add and move sites at short notice, and that you have a budget. They expect you maintain application performance and availability regardless.

That's hard to deliver with a single technology and supplier, so we have built a hybrid network platform that integrates all technologies and carriers under the best monitoring and management platform in the industry, to offer ultra fast deployment, ubiquitous access and full visibility of the application path. All at an SME price.

3. We can connect your sites in days, not months

Customers increasingly need sites deployed rapidly, but most fixed line technologies take months to deliver. Our reliable bonded 4G circuits can deliver up to 40 Mbps in a few days, and then seamlessly switch over to permanent circuits when they come on stream.

Businesses move much faster than carriers can support. You often have less time than you'd like when opening or moving a site.

Network circuits usually take months to price, contract, deliver and install. Unexpected road and duct work delays cause havoc to your plans. Our bonded 4G, DSL and Satellite services have frequently been the answer to our customers' prayers.

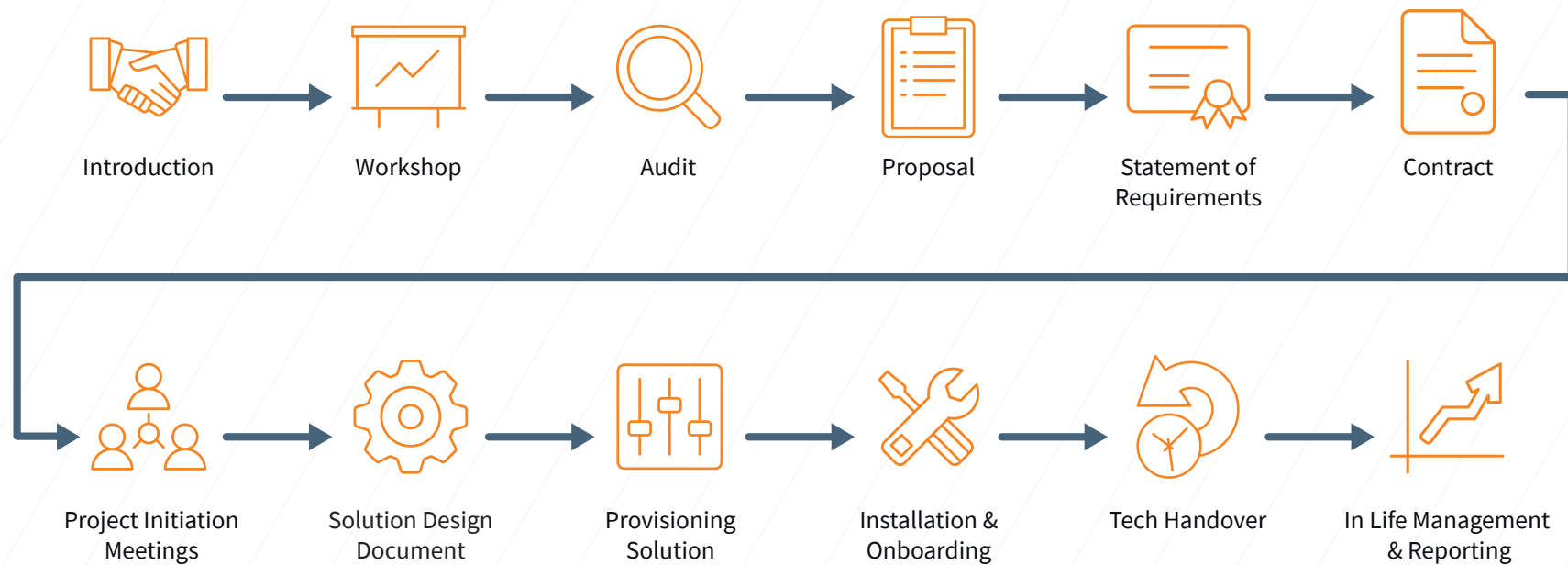


4. Our best in class process and resource delivers right first time

We have developed a best in class process to Consult, Design, Deploy and Support, and we have resourced it with the best expertise available, to guarantee that you get precisely the network you need, delivered right first time.

The requirements of your network are often unclear without auditing the network and insightfully analysing your planned applications. Deploying the network then requires a blend of planning and technical skills. We have developed a detailed, rigorous engagement process and we have codified it for repeatability. We have also resourced it with some of the best people in the industry.

This gives you a Statement of Requirements you can trust, right-first-time deployment and fewer problems in-life.

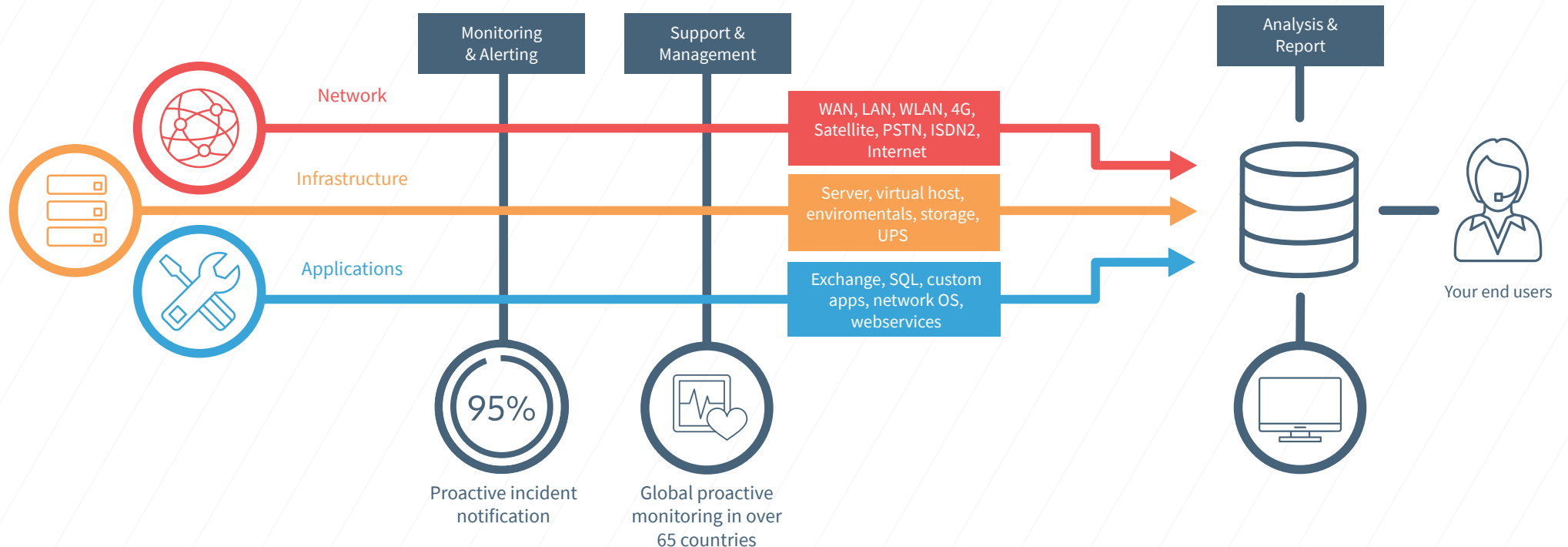


5. We solve problems faster by seeing the whole application path

Most suppliers can see when a link is down, some can see when it's over-utilised. We can tell you which application, user or device is the root cause of the problem, and follow the path of an application across the network. We get right to the heart of the problem, even when it is not with the network.

Businesses need applications to perform well, to give users a great experience. Performance relies on every device, server and circuit in the application path, so unless you can see everything you cannot resolve underlying performance issues.

SAS gives you visibility and therefore control over your complex IP infrastructure. We support the entire application path, not just the devices or systems we've sold. This gives us immense power to find and resolve even the subtlest of problems. Our client portal shows all of this information, facilitating clear and helpful dialogue.



6. We're easy to do business with

We think you'll like working with SAS. We offer a flexible, complete, responsive service and we like to make things easy for our customers.

We are easy to do business with, and we invest to ensure this improves year after year. We aim to keep bureaucracy to a minimum, whether that's pricing, ordering, progress updates or billing. We have flexible terms and conditions. For example, we can offer co-terminus terms for all your sites and we make adding, removing and changing sites simple.

We install networks around the globe, and because we ensure that the whole network complies with a global standard (even if third parties are used), support is simplified, issues reduced and availability maximised.

We can simplify your support with a complete service covering network, infrastructure and applications, including security, hosting and connection to cloud services.

7. We provide a broad and flexible range of support

We have been running for over 30 years and have huge advocacy across hundreds of customers. We are used by some of the best technology partners in the industry and are regularly awarded as the best.

We are accredited to all major quality standards. When you make an investment as important as your network, you need confidence that you have the best partner and access to the best resources.

Our services are so well regarded that they are used by several of the UK's biggest networking and ICT brands to power their own managed service solutions.

In everything we do, we strive to delight our customers and ensure that they are highly satisfied, and we are immensely proud to have a Net Promoter Score consistently above 70. In fact, our customers are proactively supportive in helping us find new customers.

Your next steps

Find out how other businesses have transformed their WAN

A free consultation with our CIO

If you have network problems or are thinking about WAN transformation for digitalisation, cloud or cost-reduction, then our CIO, Simon Cranford, can offer valuable insight.

Simon is an experienced CIO who has designed and consulted on many of the networks we have provided. He has broad experience of the issues that mid-sized businesses and enterprises face and will be able to provide real insight into your situation.

GET A CONSULTATION

Looking to trial SD WAN?

A no-obligation, 30 day trial of SD WAN

This trial is ideal if you are currently running a managed WAN, looking to refresh your WAN in the next 12 months and actively considering SD WAN.

We're offering a 30 day SD WAN Proof of Concept including all hardware, licences, set up and management - at three of your sites for 30 days. We'll provide a report summarising the SD WAN benefits suggested by your trial, including an outline commercial model and a post-trial review.

ARRANGE A TRIAL

Customers we've worked with



Awards

These are just a few of the awards that have been accredited to us over the years, for providing managed network services.




Partners

Here are some of the best of breed partners we draw from across our networking and IT portfolio.

BT Wholesale

TalkTalk
Business

colt

 CenturyLink™


CISCO
Partner
Premier Certified


CISCO
Meraki

 viptela

solarwinds 

 silver peak®


peplink

 Microsoft



30
Years

Convergence Experience



ISO9001 • ISO27001
OHSAS18001 • ISO22301



25,000+ elements
proactively monitored 24/7

17
Years

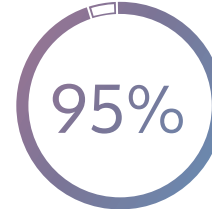
17 years Hybrid WAN
experience



Typical saving for a WAN



Global proactive
monitoring 24/7



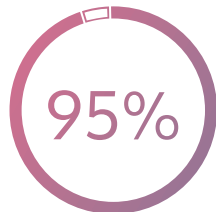
Proactive incident
identification

FTSE
250

A - list FTSE 250
Enterprise Customers

70
NPS

>70 Net Promoter Score



Customer renewal rate



16,000+

Network projects over
10 years



5000+

+5k installations of 4G
cellular WAN

SAS Global Communications

We design, deploy and manage the networks on which our customers run their businesses in an increasingly digital world.

Our hybrid networks will help customers digitalise their businesses

The best price possible

Our hybrid networks, enhanced by SD-WAN, blend carriers and technologies to optimise the price of every site, and minimise installation cost with zero touch deployment. We offer transparent pricing for peace of mind.

The fastest deployment

Our hybrid networks let you choose circuits that deliver fastest for each site, and our 4G WAN circuits offer 2 day delivery with seamless transition to permanent circuits.

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The best performance and uptime

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The most enjoyable and pain free experience

Our end to end digital systems and processes deliver Right first time with clear, accurate bills.



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