Shape your future infrastructure with BT and VMware SD-WAN

In a world of change, you need a flexible and dynamic SD-WAN.

Operating network infrastructure through the pandemic is uncharted territory for most. It has transformed the challenges and how businesses work and think, driving fundamental change in what networks need to deliver.

Take hospitals for example. With fewer patients being seen in person, doctors need a reliable and consistent way to deliver care, remotely, for example using video conferencing. If performance is poor, it impacts not only patient experience, but could have a negative effect on the success of their treatment. Likewise, patients also need to feel reassured that their sensitive data will be fully secure.

Hospitals, like most organisations, need a flexible and agile network that can evolve at speed and at scale and cope with a complex backdrop of changing business models and customer needs. Making sure all user experiences are optimised and secured across all locations, from the corporate office to the home office, data centre, branch, and the cloud.

BT and VMware: industry leading SD-WAN

We are incomparable in the choice of SD-WAN services we offer and our ability to make that choice work to deliver business outcomes and optimise end-user-experiences. Our partnership with VMware makes it super quick and easy to connect with public clouds like AWS and Azure, using their unique cloud gateway infrastructure. And with the VMware SASE Platform™, a fully cloud-native secure access service edge platform, you can get all the benefits of public cloud with scalable security services, including SD-WAN gateway, secure remote access, and next generation cloud firewall, managed through a single solution.

Our managed SD-WAN service, powered via VMware SD-WAN™, combines market leading technology, our own world class network and portfolio, and extensive infrastructure experience to deliver flexible, agile, scalable, and secure networking to support a more flexible workforce. Benefits like application aware routing mean you can prioritise performance for those that need it most, like your executives, knowledge workers, or front-line staff.

With VMware SD-WAN at the heart of your network, you can support new application growth, achieve IT and network agility, simplify WAN operations, and optimise access from branch to cloud and SaaS applications. And with the VMware Secure Access Service Edge Platform, you can also protect your users against emerging security threats, delivering the most optimal and secure cloud application access experience no matter where your users or applications are located.

65%
of IT professionals say that COVID-19 has accelerated their need for SD-WAN technology in a work from home environment.

Futuriom WFA Market Brief, 2020

Why VMware?

- Recognised by Frost & Sullivan as a Growth and Innovation leader because of the completeness of its offering
- Named a Leader in the 2020 Gartner Magic Quadrant for WAN Edge Infrastructure

Why BT?

- 10,000 global SD-WAN sites
- SD-WAN centre of excellence
- 100-point check list to ensure successful deployment
- Network emulation in our labs to reduce transformation risk

SD-WAN your way

With simple to deploy, cost-effective edge devices, we support the evolving needs of your changing workforce. Our range of virtual network functions (VNFs), including next-generation firewalls, optimisers, and accelerators complement VMware SD-WAN, optimising and securing connectivity and performance in branch and making it easy to extend these benefits to home workers, giving them the same experience as if they were in the office.

With VMware's smart Dynamic Multipath Optimization™ (DMPO) technology, we ensure optimal SD-WAN performance for even the most demanding applications via the internet or hybrid WAN, on-premises or in the cloud. Ideal for those who rely on consistent, resilient communications, like specialist doctors and consultants.

And, as part of our managed service, we'll take care of everything for you. Using VMware's centralised orchestration and automation, we simplify end-user device management and provide end-to-end visibility so you can demonstrate the benefits of your SD-WAN investment, for example showing application performance gains, and a reduction of down time as a result of faster fault remediation and ensuring business continuity.

Supporting life in the cloud

We help with visibility and performance as you migrate to the cloud, so you can track the value of your public cloud strategy faster, understanding user experience to help you reduce delays, lower costs, and mitigate risk.

Unlike other SD-WAN offerings, VMware's unique cloud gateway infrastructure, provided as-a-service by BT, is situated in the same locations as the main cloud providers including AWS, Azure, and Google. This means it's quick and easy to onboard, giving you high-performance and reliable access at scale, for applications such as voice and video and other business critical data applications including Office 365 and Salesforce.

VMware SD-WAN makes cloud access easy through a global hyperscale model with:

– thousands of cloud gateways

– hundreds of orchestrators in multiple POP locations

– thousands of edges.

Get in touch with your BT account manager to find out how we can help or visit www.bt.com/global for more information.

Offices worldwide

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Greater edge security

We make your security work with SD-WAN, whatever your strategy. Using the entirely cloud-native VMware SASE Platform, which combines industry leading cloud networking and cloud security, we can extend security boundaries beyond your data centre and cloud to applications and users, minimising the attack service and protecting users, networks, applications, and data against threats. The VMware technology works seamlessly alongside all third party security vendors, so you can create a more dynamic and flexible policy across your network and out to your users.

VMware are widely trusted by governments and police forces around the world and are fully accredited through BT's rigorous security testing.

Our security credentials

We have 70 years' experience protecting countries, governments, and the world's largest multinational organisations; real-world experience we use to make sure your solution is secure and reduce risk.

We protect against 6,500 cyber-attacks per day and block over 100m malicious communications each month, giving us the data we need to understand the threat against you.

Our heritage

Our partnership enables us to optimise end-to-end experiences in a new software-defined world, maximising business outcomes and ROI, sweating existing assets, and creating a dynamic, flexible platform for innovation by:

– extending visibility into the LAN, the data centre, and edge compute with full, agnostic security integration

– providing a flexible NFV (network function virtualisation) infrastructure to run different services on different devices, e.g. IoT without impacting WAN performance

– enabling future innovation such as private 5G and IPv6.

About VMware SD-WAN

VMware SD-WAN is a foundational component of the VMware Secure Access Service Edge (SASE) platform that delivers application quality assurance, intrinsic security, and operational simplicity.

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