

# Security led networking

There are many benefits of moving to SD-WAN. But as your network boundaries expand, security needs to be everywhere, so you're not exposing yourself to risk.

Companies are under pressure to cut network costs and increase flexibility. But with cybersecurity incidents at an all time high, it's becoming more and more important to have a holistic view of your network and security performance.

There are many SD-WAN solutions to choose from. But the lack of clarity about where your critical assets are located, coupled with a variety of choice means it's not always easy to identify the best solution for your exact needs.

The ideal approach is to combine software defined networking and security in a single, effective, secure solution.

## Protect first, then connect

With an SD-WAN overlay built into your Fortinet next generation managed firewall from BT you remove the complexity and cost of dealing with multiple vendors across your network and firewall estate.

By combining network and security in one solution from the beginning you will save time, money and get the right level of security you need. It's a next generation firewall from Fortinet with SD-WAN capabilities built in, all managed by us via a single pane of glass. And by letting us operate your network and security you'll benefit from lower risk of exposure, and operational cost and time savings – as well as avoiding skills shortages and difficulties in staffing your own teams.

## Security is crucial to SD-WAN

Independent research conducted by CCS Insight examines the impact of Coronavirus on the demand and drivers for SD-WAN. The clearest message throughout the study was the importance of security and enterprises are keen for help in this area from partners.



Of IT decision makers said security was an important or essential aspect to their decision making when choosing their SD-WAN solution

\*SD-WAN Adoption Drivers, Challenges and Maturity in the Age of Covid-19 – CCS Insight October 2020

## The benefits of a 'protect first then connect' approach

- **Enhanced security:** SD-WAN is built into the Fortinet next generation firewall, so your network can immediately benefit from a wide range of integrated security features, such as, an Intrusion Prevention System (IPS), Secure Socket Layer (SSL) decryption, a Virtual Private Network (VPN), web content filtering and anti-malware.
- **Protection at the edge:** The IPS in each next generation firewall edge device means any malicious activity can be detected at the edge of the network such as a branch office or remote user so you're protected straight away.
- **Built-in SSL inspection:** If you can't inspect the traffic entering your network, you can't protect it. SSL decryption is built into the next generation firewall, traversing the SD-WAN edge which means you're protected at all distributed enterprise locations.
- **A secure overlay:** Built-in accelerated IPSec VPN technology enables you to secure underlay networks, such as existing MPLS, mobile networks, or the internet by creating secure tunnels between branches, data centres and cloud.
- **Advanced SD-WAN networking:** Our expert design team will support your business application needs and manage traffic flow, fail over and back-up based on application demands, e.g. low latency for voice solutions.
- **Secure local breakout:** By securing and monitoring internet traffic without the need to move between the edge and the data centre, internet-based applications, such as Office365, salesforce etc. can be accessed in the most efficient way.



# Build a secure infrastructure that can adapt quickly and easily to whatever comes along

Network and security can no longer be considered separately. As we're both a network and a security provider, we can create a combined solution that meets your exact needs.

We help you ensure you don't inadvertently expose your organisation to unknown threats while transforming your network.

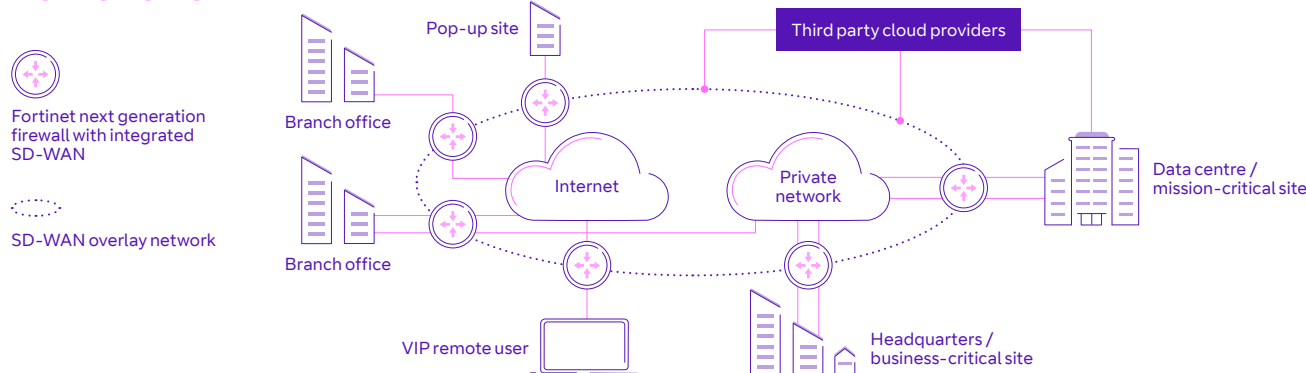
Our managed solution provides enhanced network throughput and accelerated convergence with the world's only ASIC powered SD-WAN edge device which means you get prioritised traffic where it needs to go, quickly and safely.

The secure SD-WAN devices can identify more than 5,000 applications with SSL inspection, so you can prioritise your business critical applications for optimum performance. With dynamic application database updates, new applications are automatically detected and classified – helping you stay both secure as the threat landscape evolves and productive as applications are directed via the best network path.

## Benefit from our security and networking expertise

Our managed service ensures that all network and security transactions are seen and inspected, and any threats or anomalies are shared across networking and security teams for maximum protection. You'll benefit from a lower risk of exposure together with operational cost and time savings, and a network of specialists working to defend your business.

## How it works



## Why work with us?

When you partner with BT you're tapping into years of experience in both networking and security. We give customers peace of mind that they are investing in the very best security and network solution, fully managed by our experts. We take away the cost and complexity of managing multiple vendors.

### We make it easy to evolve your network securely

For those organisations who already have a next-generation firewall from Fortinet, migrating to SD-WAN is even easier because SD-WAN is built into the firewall reducing the risk of change and making it easier to evolve your network to provide the flexibility and agility the business demands.

### We make it easy to scale globally

Our approach makes it easy to add devices and infrastructure, all managed as a single entity giving you the flexibility you need to respond to market changes and grow. And our combined global reach means we can deliver on our promise of consistent networking services for even the most remote locations.

### We simplify and automate operations

We remove complexity and cost by managing everything centrally for you, from initial set-up and deployment to ongoing monitoring, management and continuous improvement, and we provide a choice of service based on your maturity and business needs. And with our ongoing monitoring and threat detection, you can mitigate damages should a security incident occur.

Get in touch with your BT account manager to find out how we can help or visit [bt.com/security](https://bt.com/security) for more information.

#### Offices worldwide

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