

# Stop lateral movement in its tracks

Modern compute estates are increasingly complex – spanning one or multiple data centres and public clouds, from hosted environments to partner networks. This means you're having to defend a broader attack surface with ample opportunity for breaches, making prevention extremely difficult, if not impossible. To combat this, Managed Micro-Segmentation Security enables you to quickly and easily segment your network at a granular workload level, meeting a key tenet of Zero Trust security, without having to shell out for additional security appliances.

As well as having more places to strike, cyber-attacks are growing more sophisticated, so your network is more vulnerable than ever. Focusing primarily on perimeter security and firewalls is no longer enough. Instead, you need to adopt a Zero Trust security mindset of “never trust, always verify” to prevent breaches.

Micro-segmentation is a critical component of this new Zero Trust approach. It protects organisations against breaches by restricting attacker lateral movement and reducing the attack surface.

Other traditional approaches to segmentation, such as Virtual LANs (VLANs), subnets, or deploying additional firewalls, are cumbersome, manual and error-prone, and do not provide the granularity and agility necessary to control today's dynamic threat landscape.

Our Managed Micro-Segmentation Security service is based on Illumio, ranked as a Leader in the Forrester Wave™: Zero Trust eXtended Ecosystem Platform Providers, Q3 2020. It allows you to outsource the management of your network segmentation to us, meaning you can be confident that your micro segmentation policies are set up and working correctly. BT is the first Managed Security Service Provider (MSSP) to offer a fully managed Illumio service, hosted in our own secure data centres.

## The benefits of a micro-segmentation managed service

- **Gain real-time visibility** into application behaviour and connections to understand what is talking to what and to identify risks.
- **Improve breach containment** by preventing lateral movement and reducing the blast radius.
- **Secure critical assets and applications** and ensure they keep working by testing policies before enforcement.
- **Reduce the risk of software vulnerabilities** by identifying an attacker's potential pathways through the network.
- **Avoid network issues** by having BT experts manage the service to ensure micro-segmentation is executed successfully.



## Fast set-up, ongoing management and proactive monitoring

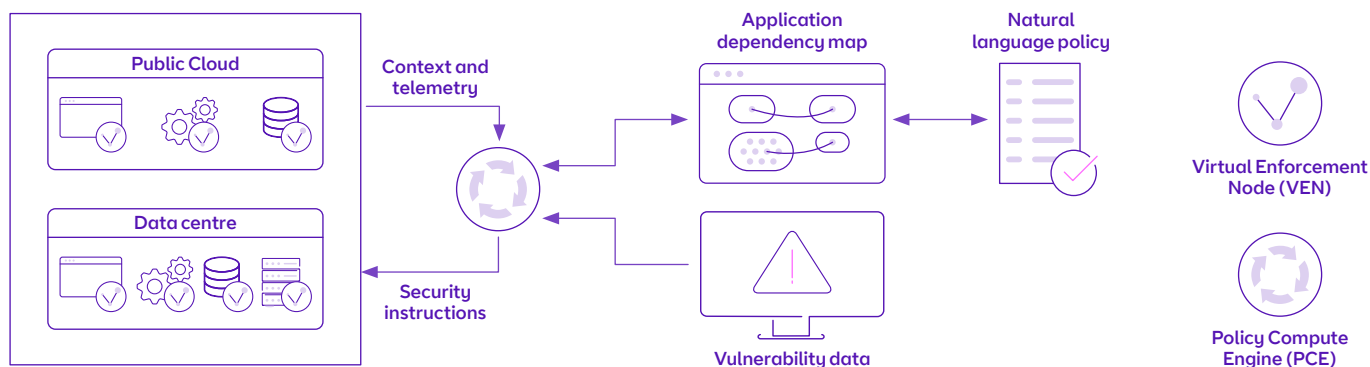
Our multi-tenant solution means micro-segmentation can be deployed very quickly on your network. Simply run the supplied script on each server you wish to include, and it will automatically communicate with our service.

Our Security Operations Centre (SOC) experts will proactively monitor your set-up to ensure things are communicating as expected and to make sure the micro-segmentation service is running smoothly.

You'll get reports detailing blocked traffic so you'll have confidence that legitimate traffic is not being blocked mistakenly.

And you can contact the experts in our SOC's if you need to create a new policy, based on what you see. They can also help with requests for individual nodes to be moved into existing policies.

### How it works



A VEN (Virtual Enforcement Node) is installed on each server, which allows the device to communicate with the PCE (Policy Compute Engine) in BT Compute. Once communicating it will create a real-time map of the network and allows you to segment the network using natural language policies. This segmentation can be as wide as a geography or as narrow as independent applications.

## Why work with us?

We are a **trusted global partner** with expertise in delivering best of breed services across different verticals.

We're **the first MSSP to offer a fully managed Illumio service**, hosted in our own secure data centres on BT Compute.

And we have **accredited Illumio professionals** to manage the design, setup, deployment and management of the service.

## What could Managed Micro-Segmentation Security do for you?

Visit [bt.com/security](https://bt.com/security)

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