

Take your security right to the edge

Businesses are accessing more and more computing resources via the cloud. And with an increasingly mobile workforce to support, most have created a hybrid of private/public cloud services, on fixed infrastructures, in conjunction with mobile and remote workers. Securing this complex mix of cloud and network services is a big challenge. But it can be done. Our Managed Embedded Security Controls protects all these breakouts in a single solution. You can quickly and easily add security on the end of your trusted network, and secure your inbound and outbound traffic, with consistency across your entire estate.

By 2024, 40% of organisations will host most of their EDGE and network services on platforms hosted in the cloud and underpinned by virtualised edge architectures¹.

Securing an increasingly complex infrastructure brings practical challenges. For example, how do you scale consistently across your organisation the ongoing management of perhaps multiple solutions, for unique resources? And then there's the CapEx impact of high upfront costs and equipment.

Converging at the edge

Secure Access Service Edge (SASE) addresses the changing cloud and network landscape. It converges networking and network security into single cloud-native solutions that can be deployed across any organisation, regardless of where resources are.

Managed Embedded Security Controls mean you can deploy a single SASE native solution across your entire estate. You don't need any equipment on-site and the service is completely managed by us, ready to deploy where you need it.

Next generation firewall capability

Our solution is brought to you in partnership with Palo Alto™ so you get best in class next generation firewall and unified threat management capabilities. Hosted in a multi-tenant environment, our resilient solution gives you shared threat management and economies of scale.

The benefits of Embedded Security Controls

- **Flexibility:** three service tiers to suit your level of service, with an Opex pricing model for minimal upfront investment and risk.
- **Embedded or Standalone:** deploy on your existing network regardless of provider, with the service being managed entirely by us.
- **Modular:** Managed Embedded Security Controls can be deployed across your entire estate with the same consistent features where and when you need them.
- **Market leading customer experience:** easy to buy and deploy, entirely managed so you don't have to – and with options to enhance the service.
- **BT's ringside seat:** you can rely on our security expertise to proactively protect your edge-facing network.

1. Source: IDC's Predictions 2019



Consistent protection across your estate

Our managed solution quickly secures your cloud and network. It offers coverage across your entire estate for inbound and outbound services and is brought to you with Palo Alto's™ market-leading next generation firewall capabilities – so you can easily create customised, guided policies to protect your data.

Protected

URL filtering

Checks requests to access a web page against a set of rules, either based on the vendor's database or customised for your policies.

Anti-bot

Reports on all cloud use by employees, reviews cloud services by risk profile and integrates with proxies (Zscaler and others) to implement user policies.

Anti-virus

Checks against 'known bad' files to ensure that malicious codes (viruses) don't breach security.

Threat emulation

Summarises cloud usage, data volumes, upload count, access count, and allowed/denied activity over time.

Application control

Build policy based on applications rather than port/protocol, e.g. for Salesforce, Facebook etc.

SSL/TLS SNI and inspection

Inspects encrypted traffic, decrypts and re-encrypts it without causing latency or restricting capacity.

Identity awareness

Helps enforce access and audit data based on user and computer identities.

Intrusion prevention service

inspects all inbound and outbound network activity and identifies suspicious patterns that may indicate an issue.

Visible

Security hub

Our portal provides you with complete visibility of the solution, including performance and threat prevention metrics, all with a customisable dashboard.

Reporting

Available on request, audit and alerts for the previous 60 days, operational logs for the previous 30 days.

Security infrastructure integration

Our solution can be fully integrated with your SIEM solution or cloud SIEM.

Embedded

Consistently secured

The same security policy and protection on all your edge-facing resources across your estate, from branch sites to remote and mobile users.

Consistently available

High availability with multiple redundancies, and an additional disaster recovery node.

Managed by BT

We bring you dedicated specialised security expertise, so you don't have to manage your own.

Why work with us?

We're at the frontline of cyber security: supporting customers in over 180 countries.

Operating globally – delivering locally

We have 3000 security experts and 16 Security Operations Centres (SOCs) across the world. And a team of highly skilled security consultants with a solid expertise in every security discipline. The same people who protect our business, also protect yours.

Managed Embedded Security Controls gives your business this level of expertise – our ringside seat, in a single managed solution, covering your entire estate.

We also offer one of the best global cloud infrastructure coverages in the world, with more data centres enabled for cloud services than any other service provider.

What could Managed Embedded Security Controls do for you?

Visit bt.com/security

Offices worldwide

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