

Get a clearer view of the cloud and shine a light in the shadows

If you want to stay competitive in a rapidly changing world, cloud adoption is imperative. The cloud enables businesses to be more agile, build and scale applications with ease, collaborate globally in real-time, and even hold virtual meetings with hundreds of people at the click of a button. It's a world of seemingly limitless potential. So, the question is not whether you should adopt the cloud, but how to adopt the cloud securely so you get all the benefits, without the risk. Our Managed Cloud Application Security service gives you complete visibility over your cloud usage – and lets you control it through guided, data-driven policies and automation.

Digital transformation is the epicentre of modern-day business. But the cloud is seen as a bit of a grey area when it comes to security. Because the cloud infrastructure sits typically outside the secure perimeter, organisations often have minimal control over what data is stored in the cloud, and by whom. In fact, the average organisation unknowingly uses over 1,900 cloud services¹.

We'll help you tackle this by giving you complete visibility over your cloud usage and the tools to control it, targeting the most crucial areas of cloud security – SaaS, IaaS and shadow IT.

Software as a Service protection

On average, 66% of sensitive data is in the top six SaaS apps worldwide². We've carefully selected our portfolio of SaaS protection so it's easy for you to get a very high level of SaaS security coverage. This includes protection for the two largest data upload SaaS apps – Office365 and Salesforce – as well as Box and Slack.

Infrastructure as a Service security

Our solution also delivers protection for the market leaders in infrastructure – Amazon Web Services (AWS) and Microsoft Azure, so you can be reassured that your full cloud development stack is kept secure.

Monitor, control and protect your data in the cloud

- monitor all aspects of cloud usage to quickly identify and tackle threats
- enforce Data Loss Prevention (DLP) policies on data in the cloud
- prevent unauthorised sharing of sensitive data and block the syncing of corporate data to personal devices
- detect compromised accounts, insider threats, and malware before they pose a threat to your organisation
- gain total visibility into unsanctioned applications and control their functionality.

Shadow IT visibility

By integrating with industry-leading vendors, including Check Point, Firepower, ASA, FortiGate, Palo Alto, and Zscaler, our solution helps collect valuable insight and delivers maximum coverage, even for the unknowns.

With Managed Cloud Application Security you can monitor and protect your organisation's data as it moves around the cloud. You'll have accurate real-time views of all activity and can set up policies to automate the control and protection of your data in the cloud.

1. Source: McAfee Cloud Adoption and Risk Report, Standard Edition June 2019

2. Source: McAfee Cloud Adoption and Risk Report, Business Edition, June 2019



Better cloud control, visibility and protection

Our managed solution gives you a high level of cloud security very quickly. It offers coverage for the most popular cloud services on the market, including Office 365, Salesforce, Box, Amazon Web Services, Microsoft Azure, etc. And with the intuitive MVISION platform, you can easily create customised, guided policies to protect your data.

Visibility

Performance monitoring

Keeps track of your most important cloud security metrics with fully customisable dashboards and interactive capabilities to optimise protection.

Risk reviewing

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

Cloud usage analytics

Summarises cloud usage including cloud service in use by a user, data volumes, upload count, access count, and allowed/denied activity over time.

Incident management

Determines the effectiveness of existing policies and identifies refinements using real-time incident reports to evolve defence with the threat landscape.

Control

Unified policy engine

Applies unified policies to all cloud services across data at rest and in transit. Leverage policy template, import existing policies, or create new ones.

Multi-source control

Enforces DLP policies for data uploaded to the cloud, created in the cloud, shared with collaborators, or cloud-to-cloud, and downloaded from the cloud.

Cloud data loss prevention

Enforces policies based on your own content rules to prevent data loss in cloud applications, across file, structured, and unstructured data.

Security infrastructure integration

Integrates your existing internal DLP, SSO, SIEM and email controls in a frictionless manner to make your existing investments cloud ready.

Protection

Security configuration audit

Discovers current cloud application or infrastructure security settings and suggests modifications to improve based on industry standards such as the Center for Internet Security (CIS) benchmarks.

Real-time traffic analysis

Performs traffic analysis in real-time to highlight risky user behaviour, credential loss, or external attacks via the cloud.

Malware scanning and removal

Identifies malware and detects behaviour indicative of malware exfiltrating data from cloud services. By scanning on-demand or in real-time, our solution permanently neutralises and removes malware.

Automated remediation

Enables a policy-based response to misconfiguration discovered in an audit to change the setting, such as disabling public access for an IaaS storage bucket.

Why work with us?

We're at the front line of cyber security: supporting customers in over 180 countries across the world.

Operating globally – delivering locally

We have 3000 security experts and 16 Security Operations Centres (SOCs) across the world – the same people who protect our business, also protect yours.

We have a team of highly skilled security consultants with a solid expertise in cloud security and every other security discipline. This is particularly valuable for Managed Cloud Application Security as deployment and ongoing management can be complex and difficult without the required expertise.

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 Cloud Application Security do for you?

Visit bt.com/security

Offices worldwide

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