



Managed Cloud Protect

Controlling your Cloud environments



01 Managed Cloud Protect

Nettitude is an award-winning cybersecurity organisation with unparalleled capability in delivering managed security services. Through our Global Security Operations Centres (SOCs) we can deliver round the clock services that secure our clients and detect and respond to sophisticated cyber threats, providing assurance that your organisation is protected.

A Managed Security Service can provide an organisation with a level of visibility & security that can be difficult to maintain in-house, both in terms of availability and expertise. Organisations that have limited resources and knowledge can procure Managed Security Services to manage their security technologies, providing in-depth expertise and availability when you need it most. Many organisations do not have large security teams or the security expertise in house with skills across all areas required to design, build, improve and enhance their security technologies, security risks and their defensive posture against the continually evolving threat landscape.

The Nettitude Managed Cloud Protect Service deploys a next-generation Cloud compliance and Security Monitoring suite provided by Checkpoint Cloud Guard to provide advanced visibility, oversight and control for your cloud environments, This is Integrated into the Nettitude Global SOC and Aperture cyber operations platform to provide you with 24/7/365 alerting and visibility.



02 What is Managed Cloud Protect?

Nettitude Managed Cloud Protection service provides 100% visibility into a clients cloud estate. The service can be configured to protect the cloud environment and prevent misconfigurations – the primary cause of data loss. Taking control of the native cloud tooling enables a coherent and proactive security posture to be applied across the entirety of a customer's cloud estate, visible and configurable from a single interface. This minimises the attack surface, protects against vulnerabilities, and identifies theft and data loss.

The service uses the industry-leading Checkpoint Cloud Guard product suite. The solution comprises network security, application and workload protection, posture management and cloud intelligence. The core product, CloudGuard Posture Management assesses and visualises security posture, identifies misconfigurations and can automatically enforce policies and protect against internal and external threats.

It also comes with Cloud Intelligence Essentials – a security monitoring system that utilises a combination of signature detection, built-in rules and threat intelligence feeds to create a baseline of account activity. Unauthorised or malicious activity is monitored across cloud environments, including serverless applications, is detected by AI and anomaly detection algorithms. This provides real-time detection and prevention.

Automatic remediation is also possible using CloudBot technology. This can be used to deal with any type of network alert, audit issue or threat, resolving dangerous misconfigurations and putting the environment back into compliance.

The Cloud Protection service will significantly **reduce the likelihood of a misconfiguration leading to a data breach, as well as the time to detect and respond to an incident.** These metrics (known as Mean Time to Detect or MTTD and Mean Time to Respond or MTTR) are key indicators of an effective detect and respond capability.



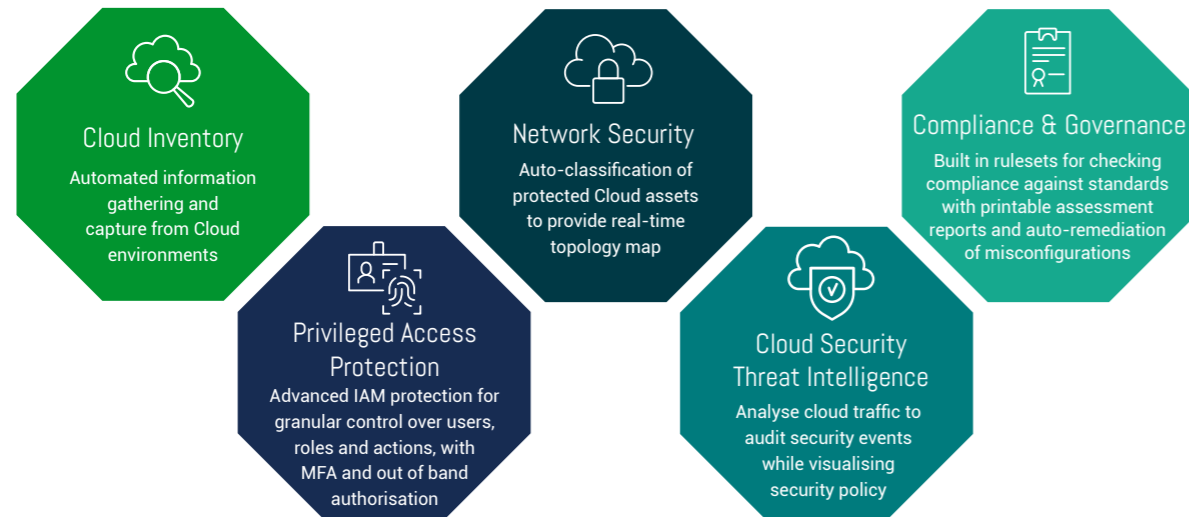
03 Why you need it?

Cloud environments can be difficult to track, manage and maintain due to their ever-evolving and changing nature in line with ever-increasing business demands for scalable and flexible resource environments.

<h3>Single View of all Cloud Asset</h3> <ul style="list-style-type: none">• All cloud assets in a single view (AWS, Azure, GCP)• Quickly filter out by entity characteristics (platform, publicly addressable, region, etc)• Onboard new cloud accounts via portal or command line	<h3>Compliance is tricky in the Cloud</h3> <ul style="list-style-type: none">• CloudGuard contains canned compliance checks for common certifications (PCI-DSS, GDPR, HIPAA, CIS etc)• Continuous compliance performs hourly checks to validate the cloud environments• Custom/bespoke compliance rulesets can be produced	<h3>Misconfigurations happen</h3> <ul style="list-style-type: none">• Cloud networks can be viewed as a diagram using clarity• Security groups can be protected from tampering and misconfiguration• Provision of "just in time" elevated privileges for key management tasks
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04 Benefits of Managed Cloud Protect



Using Checkpoint CloudGuard, organisations can visualise and assess their security posture, detect misconfigurations, model and enforce best practices, and protect against identity theft and data loss. CloudGuard integrates with Amazon Web Services, Microsoft Azure, and Google Cloud. Through a single dashboard, you will be able to achieve the following across your entire cloud estate:

- Allows easy security and compliance management of public cloud environments
- Enforces top security standards with auto-remediation of unauthorised changes
- Spot misconfigurations quickly and easily, potentially preventing exposure of data.
- Ensuring compliance with best practices by spotting misconfigurations in real-time
- Ability to provide real-time privileged elevation for AWS users.
- Provide auto-remediation of dangerous misconfigurations, saving on overheads and time.
- Provides user activity analytics, network traffic visualization and intrusion detection.
- Deny changes to network security groups, preventing unauthorised changes.
- Granular visibility and control of users activities over native controls

05 Managed Cloud Protect - Service Features

Nettitude's Managed Cloud Protect service provides the most highly accredited expertise combined with Gartner Magic Quadrant leading security technology to deliver industry-leading protection for your organisation.

Our approach is proactive and threat led; informed by our Offensive and Threat Intelligence teams to shape our defensive stance and protect against the latest industry threats to provide defence in depth with unrivalled detection and alerting capability where it is needed most.

<p>24/7/365 - Always on</p> <p>24/7 x 365 Expert Security Analysis: always there, monitoring & alerting and advising for your peace of mind</p>	<p>Global Delivery</p> <p>Nettitude has been at the forefront of cybersecurity SOC Operations since 2003. Our SOC services can be deployed and managed Globally through our Global Security Operations Centers</p>	<p>Global Expertise</p> <p>Certified expert knowledge within Offensive and Defensive Cyber operations, our SOC team are on hand as an extension of your teams to provide expert advice, guidance and remediation where required</p>
<p>Leading Technology</p> <p>Checkpoint CloudGuard is a Gartner Leader in Network Security solutions, providing comprehensive compliance scanning for cloud-hosted and serverless applications ensuring complete visibility of your cloud estate</p>	<p>Dashboard & Reporting</p> <p>Intuitive dashboards and on-demand reporting provide complete visibility of your environment, risks and compliance state</p>	<p>Flexibility</p> <p>A robust cloud compliance platform with pre configured, automated or user defined scans enabling near time compliance scanning across across your cloud environments</p>

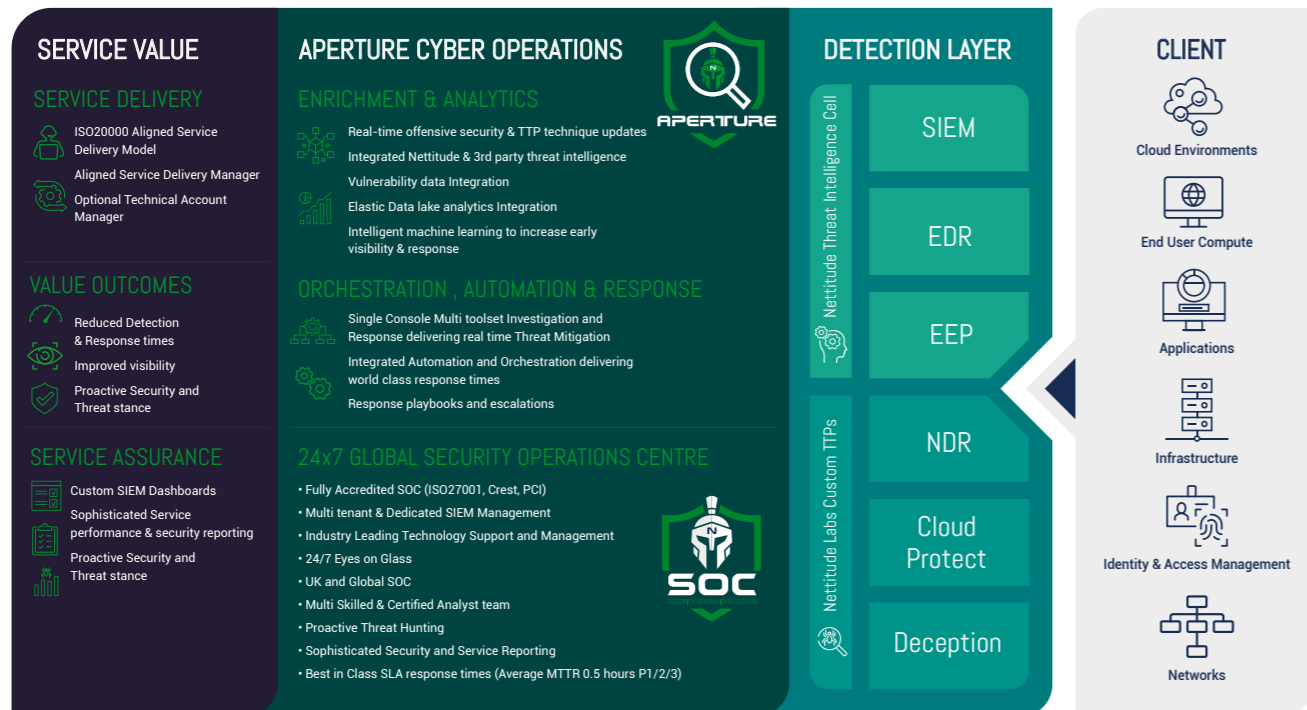
06 Nettitude Value Proposition

The Nettitude SOC provides advanced 24/7 monitoring and alerting to protect your business.

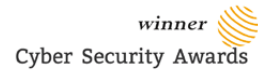
We use our custom developed Aperture Cyber Operations Management platform integrated with leading Gartner technologies to provide enhanced automation, orchestration & response capabilities to our SOC team.

The Aperture Cyber Operations platform provides enhanced enrichment, analytics, and intelligent learning to increase early visibility and response to cyber threats in an evolving world.

By combining these technologies with our highly accredited people and processes we can deliver best in class outcomes and value for your organisation.



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