Accelerate cloud innovation with trusted security

Managed Cloud Security Service

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Embracing cloud adoption fuels speed, scalability and AI-powered innovation — but also introduces risks like misconfigurations, identity compromise, data leakage and advanced threats.

Our Managed Cloud Security Service safeguards your cloud-native platforms, multicloud environments and business-critical legacy systems under a cohesive, AI-infused framework. With advanced cloud-native controls, regulatory compliance by design and AI-powered threat intelligence, we lay a secure and resilient foundation for modernization.

Secure your cloud advantage

Enterprises are advancing on their cloud journey in different ways. Yours may be starting from starting from scratch (greenfield), upgrading existing infrastructure (brownfield) or navigating complex migrations of legacy workloads to the cloud.

We help you take advantage of the possibilities of cloud by managing the associated risks.

Safeguard every step of your cloud journey

Secure innovation
Protect cloud-first workloads, application programming interfaces (APIs), containers and AI-powered applications with adaptive, AI-driven defenses.

Protect existing systems
Extend security and visibility to traditional applications, databases and critical systems — without disrupting existing investments.

Governance and compliance
Embed AI trust, risk and security management (AI-TRiSM) principles for governance, transparency and continuous alignment with regulatory standards.

Detect and respond to threats instantly
Reduce the risk of breaches with always-on monitoring, real-time threat detection and automated response, powered by AI and machine learning.

Simplify security across environments
Consolidate and secure hybrid, multicloud and on-premises environments with a cohesive framework.

Meet the needs of your business leaders

CISO focus
Securely enable the business with integrated cloud security that continuously monitors your security posture and control, secures expanding attack surfaces, defends against AI-driven threats and enforces zero trust across multicloud ecosystems.

CIO priorities
Accelerate digital transformation while building resilience, optimizing costs and securely integrating cloud with your existing infrastructure to support business growth.

CTO and engineering leadership
Protect cloud-native platforms, DevOps pipelines and artificial intelligence and machine learning (AI/ML) workloads without creating bottlenecks that slow innovation.

Risk and compliance leaders
Sustain alignment with evolving standards — such as Payment Card Industry Data Security Standard (PCI DSS), General Data Protection Regulation (GDPR), Health Insurance Portability and Accountability Act (HIPAA) and the International Organization for Standardization (ISO) — while adapting security to fast-changing business models.

Gain a unified, real-time view of your cloud security posture through a single, intelligent dashboard — tailored for security, DevOps and compliance leaders. Instantly see every asset, identity, configuration and workload across your hybrid and multicloud estate, along with the risks that matter most.

Secure the cloud with and for AI

Most organizations agree that the cloud is the optimal infrastructure for efficiently and cost-effectively scaling AI.

Our **AI-infused cloud security blueprint** safeguards infrastructure-as-a-service (IaaS), platform-as-a-service (PaaS), software-as-a-service (SaaS) or any as-a-service environments by applying consistent, automated controls for identity and access, data protection, threat detection and compliance — all orchestrated through a single security framework.

AI-driven intelligence enables **predictive, scalable and resilient operations** across the entire cloud security stack. This allows you to adopt AI-powered innovation in the cloud while minimizing risk.

Our AI-infused controls enforce least privilege access, automate policy management and deliver contextual alerts to cut detection and response times — lowering remediation costs and minimizing delivery delays.
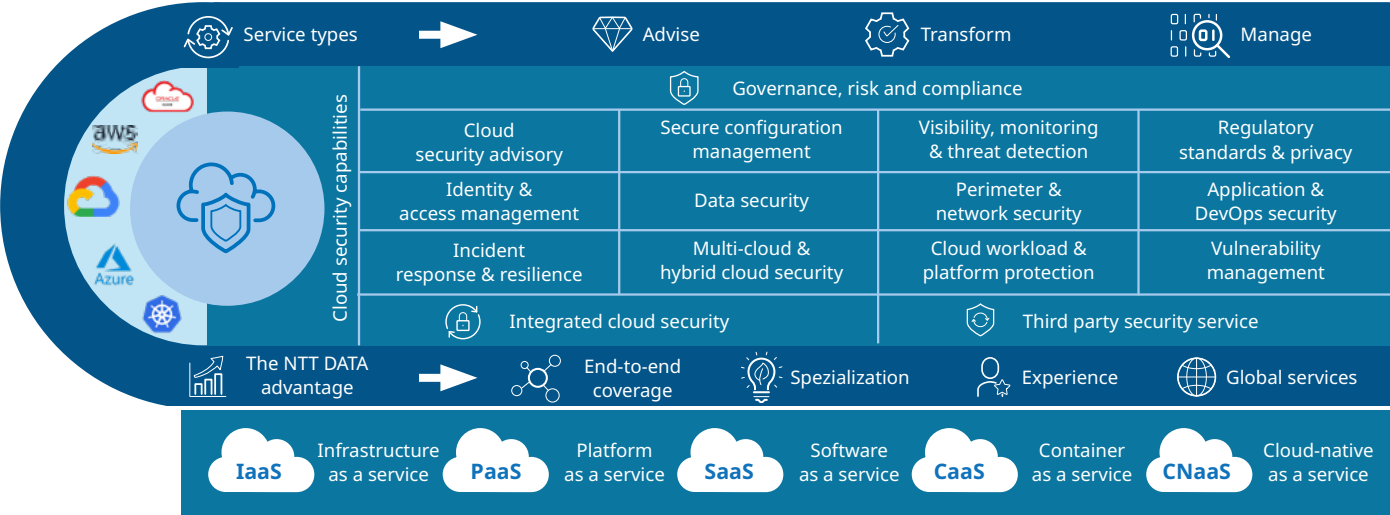
Protect current systems and future innovation

To safeguard your cloud journey, our Managed Cloud Security Service brings together **end-to-end capabilities**, from governance and compliance to identity, data, workloads and applications, with **AI and automation** for faster, smarter protection.

Cloud strategy and governance

Cloud governance, risk and compliance

Confidently scale in the cloud while staying aligned with business, regulatory and security requirements.

Cloud security advisory

Navigate cloud complexity with strategic advice that turns uncertainty into confidence.

Security management

Identity and access management (IAM)

Enforce least-privilege access, multifactor authentication and zero trust controls to protect users, devices and services.

Data security

From encryption to tokenization, you can protect sensitive data at rest, in transit and in use.

Visibility, monitoring and threat detection

Gain complete observability with real-time visibility of insights for threat detection and policy enforcement.

Infrastructure and workload security

Protect virtual machines, containers and serverless workloads with hardening, runtime security vulnerability management and automation.

Application and DevOps security

Shift left with security embedded into continuous integration/continuous delivery (CI/CD) pipelines, empowering developers with safe, fast innovation.

Cloud-native security

Benefit from modern protection purpose-built for containers, Kubernetes and serverless workloads.

Security automation and response

Automated actions remediate misconfigurations and contain threats instantly across tools and teams.

Integrated cloud security

We consolidate identity, data, workload and compliance protections under a single cohesive model.

Managed Cloud Security Service provides a secure, resilient and AI-driven foundation for your cloud journey — whether you're greenfield, brownfield or migrating to the cloud.

How we secure environments and build business resilience

Our proven "advise, transform and manage" model guides you from foundational protection to intelligent, self-healing security ecosystems, building your capabilities at every step.

With Managed Cloud Security Services, your cloud journey is accelerated yet controlled — ensuring alignment with leading frameworks such as **GDPR, HIPAA and PCI DSS** while supporting your **AI-enabled digital transformation**.

Advise

Expert guidance to assess risks, define strategy and align with business goals

- **Security posture assessment:** Benchmark current maturity against the six-stage model.
- **Risk & compliance mapping:** Identify high-risk gaps and regulatory priorities.
- **Cloud security roadmap:** Co-create a phased plan tailored to business objectives.

Transform

Modernize security with cloud-native, AI-infused solutions that embed resilience

- **Quick wins first:** Address critical vulnerabilities, misconfigurations, and identity issues immediately.
- **Layered capability build:** Introduces CSPM, SIEM, SOAR, and DevSecOps in logical progression.
- **Automation as a core principle:** Replace manual checks with automated enforcement and monitoring.
- **Security by design:** Integrate protection into apps, APIs, workloads, and pipelines from day one.

Manage

Continuously monitor, optimize and evolve your defenses with measurable outcomes

- **Continuous monitoring & response:** Operates a cloud security operations model for real-time defence.
- **Compliance-as-code:** Ensure ongoing regulatory alignment without manual audits.
- **AI-driven threat hunting:** Leverage machine learning to predict and mitigate risks early.
- **Quarterly maturity reviews:** Reassess positions in the growth model and plan next-step capabilities.

This structured journey gives you **clarity and confidence,** turning cloud security into a true business enabler.

Why NTT DATA

- 7,500+ cybersecurity professionals across 70+ countries
- Full-stack edge-to-cloud capabilities and end-to-end cybersecurity services
- Track record with Fortune 500 clients in regulated sectors — financial services, healthcare, energy and manufacturing — across geographies
- Strategic partnerships with leading cybersecurity and cloud vendors like Palo Alto Networks, Cisco, Microsoft, Amazon Web Services, Wiz, Orca Security and Google Cloud

Take the next step

We help organizations of all sizes secure their cloud environments without compromising agility. Speak to our cloud security experts to see how we can support your cloud strategy while maintaining security and compliance.

Contact us.

Visit nttdata.com to learn more.

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