



How to build a secure foundation for AI adoption and growth

Securing your AI-ready infrastructure with NTT DATA and Cisco

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Protect your infrastructure to unleash AI's full potential

If your goal is to unlock the full potential of AI, your digital infrastructure and cybersecurity can't be an afterthought. AI thrives on large volumes of data moving quickly and securely across your network infrastructure and digital ecosystem. An outdated or poorly secured network and digital infrastructure therefore present clear risks.

When you modernize your digital infrastructure, you create a strong, secure foundation for AI to deliver meaningful results without being held back by bottlenecks or vulnerabilities.

AI both uses data and learns from it. If the integrity of your data is compromised, the outcomes of your AI models can't be trusted. A breach can poison the very intelligence you're building. By deploying robust governance and compliance

measures that protect your data throughout its lifecycle — both at rest and during transit — you keep the information fueling your AI accurate, reliable and safe from tampering.

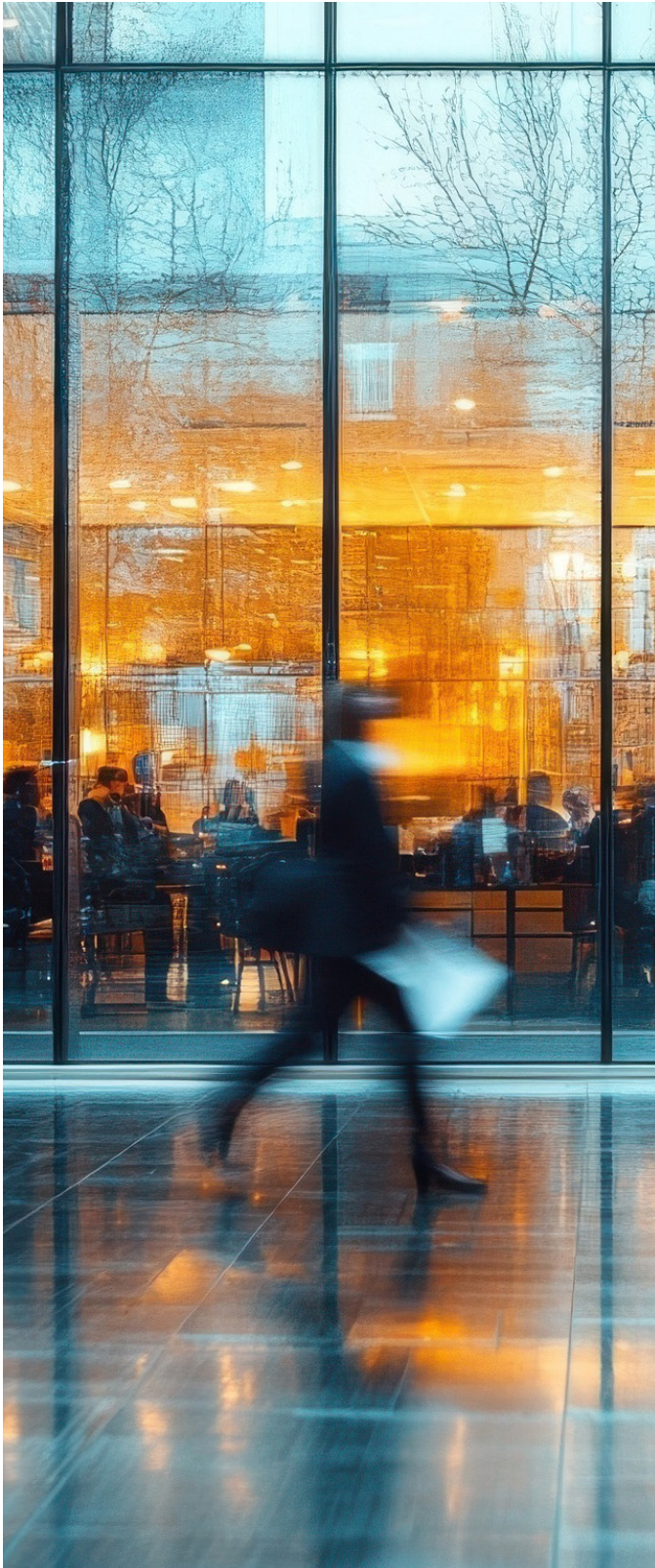
You also position your organization to grow without constantly encountering security roadblocks. As you explore new ways to apply AI — whether it's automating tasks, personalizing customer experiences or supporting real-time decision-making — your digital infrastructure needs to scale, too. A flexible, AI-ready infrastructure gives you room to experiment, adapt and expand without costly rebuilds or endless patches.

In short, when your digital infrastructure is both secure and modern from edge to cloud, you've got a foundation for AI-led innovation at speed that can scale with your vision.



The AI security balancing act: From risk to innovation shares NTT DATA's insights into the AI risks that organizations face and how to manage these without holding back on innovation.

[Learn more](#)



NTT DATA and Cisco: A powerful partnership

Considering the high stakes involved in using AI technologies to supercharge your business performance, from strategy to operations and digital experiences, it makes sense to rely on integrated solutions that bring together best-in-class technology, full-stack capabilities and full lifecycle services. In this way, you take ownership in securing your AI journey.

NTT DATA and Cisco — both leaders in their fields — have worked together for more than three decades to help organizations across industries realize their business goals through fast, secure and reliable technology innovation.

Through our infrastructure and network security services, we advise, enable, and operate controls, technologies and protocols designed to protect your critical network resources. We build your resilient network infrastructure with a secure-by-design approach, secure access service edge (SASE), adaptive authentication and virtual private network solutions.

We tailor your infrastructure security roadmap to your overall security and IT strategy to build scalable defenses and proactive network protection against cyberthreats.

How do NTT DATA and Cisco align on a secure edge to cloud vision?

NTT DATA's secure edge to cloud vision highlights the importance of end-to-end integrated cybersecurity across your entire network topology — from endpoints and applications to data, hybrid data centers and cloud. Cisco's architecture supports this vision by weaving security through every layer of the digital ecosystem.

Together, we go beyond traditional cybersecurity. We help you anticipate and manage risk, enable digital transformation securely, and build lasting cyber resilience in the face of evolving threats.

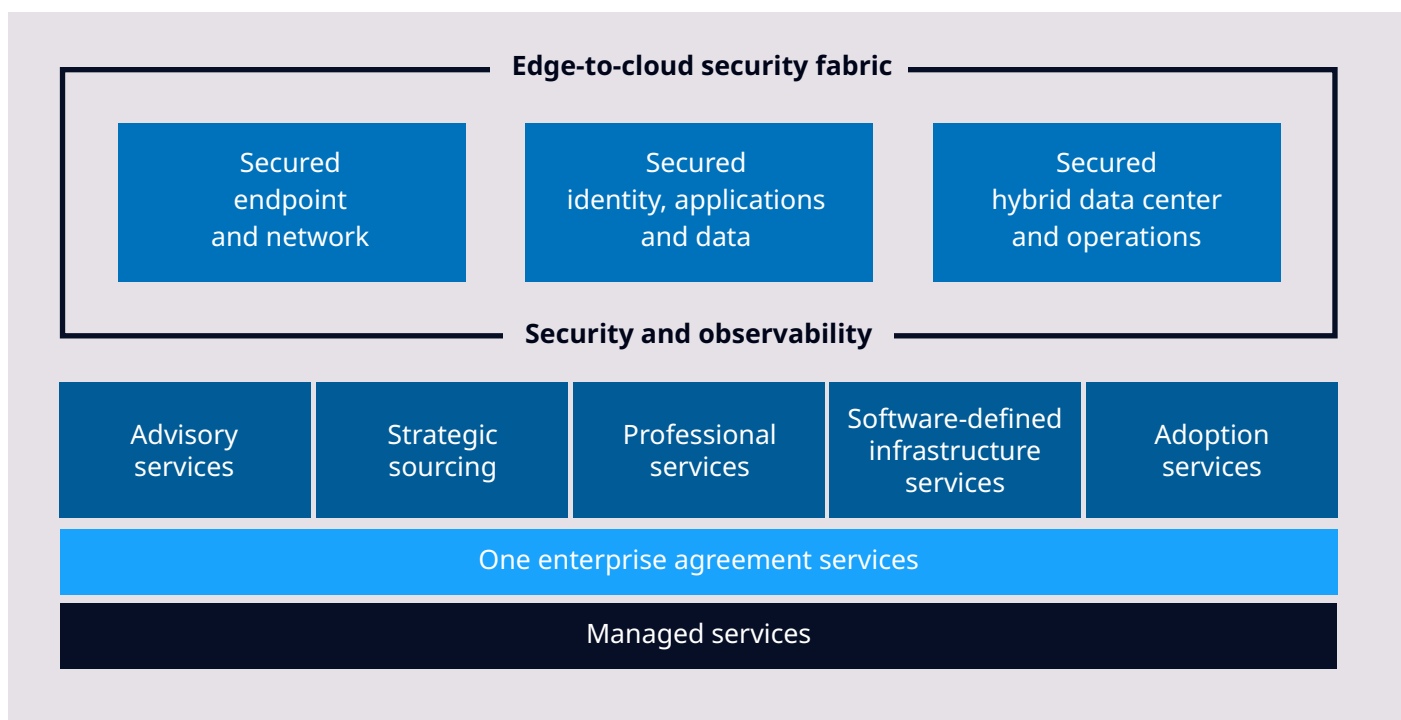
When organizations combine Cisco's advanced, AI-driven threat intelligence and defense platforms with NTT DATA's Cybersecurity Assurance Platform and Cybersecurity Insights Platform, they gain unified visibility and control across complex cloud and AI environments. This approach streamlines and strengthens defenses, ensuring quick, coordinated responses from protection to recovery.

Backed by NTT DATA's global reach and local expertise in more than 50 countries, and our three-decades-plus partnership with Cisco spanning 11 Cisco Powered Services Specializations, this collaboration turns cybersecurity from a business cost into a foundation for secure, confident innovation.



Comprehensive cybersecurity, tailored to your needs

Every organization has unique security needs. That's why NTT DATA, in partnership with Cisco, offers a comprehensive portfolio of cybersecurity solutions and services designed to address a range of challenges. Our edge-to-cloud security fabric stretches from your campuses, branch offices and other facilities to your cloud environment. It covers three focus areas:



1. Secured endpoint and network

What you need: Protect your organization's endpoints and network infrastructure from malicious access and cyberattacks

Endpoint security is all about protecting your devices — whether it's a laptop, printer, server, industrial machinery or mobile device — from cyberthreats. To achieve this, endpoint security services use various controls like antimalware software, whitelisting, blacklisting and encryption to keep your IT endpoints safe and secure.

How we help: Advanced endpoint protection and network security solutions tailored for IT, OT and IoT environments

Along with endpoint security, vulnerability management and compliance, we safeguard your IT, OT and industrial IoT assets and networks. This is achieved through threat analytics, secure remote access, IT/OT convergence, managed detection and response for OT, and zero trust security for OT.

At the same time, our infrastructure and network security services — ranging from perimeter security and managed SASE to zero trust network access and edge and 5G security — protect your organization's network infrastructure from cyberthreats. We advise on, implement and maintain the controls, practices and technologies you need to detect threats, respond to incidents and recover quickly.

2. Secured identity, applications and data

What you need: Secure access to digital resources and protecting sensitive data from unauthorized access, breaches and insider threats

Identity and access management — including authorization and authentication services, identity threat detection, machine identity management and identity governance — is the gateway to your organization's digital ecosystem. It's therefore crucial to protect digital identities, applications and data.

How we help: Digital identity, application and data-protection solutions that establish strong access controls to protect sensitive information in compliance with data-privacy regulations

Our application security services keep your software and application infrastructure safe at any location. Along with threat modeling, enterprise resource planning security, continuous threat exposure management, application programming interface security and more, we also incorporate secure-by-design principles into your DevSecOps processes.

We protect your data throughout its lifecycle — at rest or in transit — with robust governance and security measures in line with regulatory requirements for your industry or region. These include the most appropriate ways of classifying, handling and safeguarding sensitive data and private information, as well as cryptographic services and ransomware protection. We also conduct in-depth data-privacy assessments to tailor your journey.

Furthermore, to maintain digital trust, we safeguard your digital identity with strong authorization and authentication, threat detection and response and zero trust principles. This includes protection from emerging threats such as deepfakes and disinformation.

3. Secured AI, hybrid data center, cloud and operations

What you need: Secure cloud, hybrid and AI environments and efficient security operations

Cloud security is all about protecting your organization's cloud-hosted data, applications, workloads and hybrid infrastructure with consistent security policies. It enables you to confidently and securely move forward with cloud transformation, AI adoption and innovation, knowing your digital assets are always protected.

How we help: Comprehensive security tailored for hybrid and multicloud environments so you can use cloud technologies securely while maintaining control over your AI-powered innovation journey and continuously mitigating AI-powered threats

Our AI-infused cloud-security blueprint safeguards infrastructure-as-a-service (IaaS), platform-as-a-service (PaaS) and software-as-a-service (SaaS) environments by unifying identity and access controls, data protection, advanced threat detection and continuous compliance. Infused with AI-driven intelligence, it enables predictive, scalable and resilient operations across the entire cloud security stack, enabling you to confidently embark on AI-powered, cloud-native innovation.



Our global security operations center (GSOC) offers managed detection and response with AI-powered threat intelligence and advanced automation to continuously monitor, detect and respond to AI-enabled cyberthreats and attacks. We integrate people, processes and systems in taking swift, coordinated action — from protection to detection, response and recovery.

We also integrate our AI-powered analytics with the advanced capabilities of Splunk, the specialist security analysis platform, to further boost the performance of security operations centers, automate threat hunting and reduce incident response times.

Then, our security offering for AI safeguards your emerging AI, machine-learning and large language model environment by protecting your data, supporting the

integrity and availability of your AI systems and enabling trust and compliance. From uncovering shadow AI to implementing red-teaming AI systems, we provide complete AI lifecycle protection for your organization.

Our dedicated center of excellence gives you access to best-in-class experts in AI risk, compliance and adversarial threat management, while our proprietary Cybersecurity Assurance Platform keeps you aligned with leading standards such as ISO/IEC 42001, the National Institute of Standards and Technology's AI Risk Management Framework and the European Union AI Act. The combination of our full AI lifecycle security services and the Cisco AI Defense platform ensures end-to-end visibility, protection and assurance.



NTT DATA's full lifecycle cybersecurity services

1. Advisory services

Our experts provide thorough cybersecurity assessment and advisory services to identify vulnerabilities and develop a tailored roadmap for implementing secure IT architectures aligned with industry best practices and your business needs.

2. Strategic sourcing

We help you source and select the right cybersecurity solutions through our strategic partnerships with leading technology providers like Cisco.

3. Professional services

Over 7,500 skilled cybersecurity experts across more than 50 countries implement and manage best-in-class cybersecurity solutions that simplify, modernize and integrate our clients' security infrastructure.

4. Software-defined infrastructure services

We offer 24x7 multilingual technical support — including field services — to monitor and maintain your security posture while managing incidents. We also optimize your security software licenses to meet your needs and contain costs through the adoption of automation and AI agents.

5. Adoption services

We offer health checks and installed-base assessments and train your employees in cybersecurity awareness. Our client success managers make sure you get the most value from your security investments.

All these offerings are underpinned by our Enterprise Agreement services, which deliver value by simplifying your technology procurement and consumption.



Read more about NTT DATA's cybersecurity services to see how you can turn security into a strategic advantage and enable your organization to succeed in the age of AI.

[Learn more](#)

Visit nttdata.com to learn more.

NTT DATA is a global innovator of digital business and technology services, helping clients innovate, optimize and transform for success. As a Global Top Employer, we have experts in more than 70 countries and a robust partner ecosystem. NTT DATA is part of NTT Group.



