

# Connect and protect your environment

A secure end-to-end environment  
allows you to respond to  
opportunities as well as threats





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**Treating network and security as separate entities no longer aligns with the realities of IT transformation and business evolution. Today's organizations need more proactive measures to shield the complete business from potential fallout due to threats and foster a more stable and progressive operational environment.**

In this guide NTT DATA and Palo Alto Networks explain how to create the right strategy, manage the growing complexity of your security environment and build resilience to protect and prevent loss of data or service availability.



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# Security as an enabler of business outcomes

**In today's digital age, security is more than just detecting malicious threats. As organizations transition from traditional IT environments to unified, secure edge-to-cloud ecosystems, security must be a strategic enabler.**

Simplifying complexity, enhancing resilience and prioritizing security are critical in these evolving digital landscapes. Complex security environments lead to operational risks, increased costs and heightened vulnerability to sophisticated attacks. According to Palo Alto Networks' State of Cloud-Native Security 2024, **98%** of organizations recognize the need for simplification and consolidation, emphasizing the reduction of security tools. Despite this, the number of tools dedicated to cloud security has increased by 60% from last year, indicating the persistent challenge of complexity.

For CISOs, a resilient security framework is crucial for business stability and continuity. This involves comprehensive defense strategies, proactive threat mitigation and ensuring systems can quickly recover and resume normal operations after an incident. Failure to prioritize resilience exposes organizations to long-term vulnerabilities and operational disruptions. Security maturity across the organization influences trust and efficiency. Leaders in secure, resilient organizations know that robust security measures foster confidence, enabling innovation and exploration of new opportunities.

Proactive security measures are essential for shielding the business from advanced threats and fostering a stable, progressive operational environment. Elevating security as a strategic priority requires active involvement from CISOs, CIOs and key stakeholders. This involves integrating security into organizational culture through company-wide discussions, regular training and fostering accessibility, ensuring security becomes intrinsic to the organizational fabric.



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# Protect your environment without added complexity



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**Traditional isolated network and security approaches are outdated in the edge-to-cloud ecosystem. Protecting your environment should deliver lower Total Cost of Ownership, AI-enabled threat prevention and an improved client experience through unified security measures.**

### **Create the right strategy**

**By integrating security more strategically, organizations can effectively mitigate risks, fortify resilience and achieve overarching business objectives.**

Aligning security with broader business objectives ensures it becomes a catalyst for innovation, enhancing customer experience and boosting productivity. A comprehensive security strategy encompasses security, networking and cloud solutions, ensuring all aspects of the organization's infrastructure are protected. Integrating security strategically allows organizations to mitigate risks, fortify resilience and achieve business objectives. This ensures data and operations are not just protected but integral to driving business success, fostering greater trust and reliability.



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## Manage the growing complexity of your security environment

**A unified strategy helps you to effectively manage the complexity of security environments.**

Cyber threats are ever-evolving, demanding a unified approach to manage security complexity effectively. Integrating network and security functions is crucial to avoiding vulnerabilities and maintaining robust defenses. Simplifying operations for efficiency streamlines processes, reduces risks and optimizes costs. Outsourcing certain security services enables organizations to navigate threats successfully. Balancing the costs of critical infrastructure and security with business transformation goals is a significant challenge. However, transformation is essential for growth and competitiveness.

“**Cyber resilience ensures compliance with regulations, mitigates financial losses from breaches and fosters trust by demonstrating a commitment to robust cybersecurity measures.**”

## Build cyber resilience to prevent loss of data or protect service availability

**To minimize business disruption, preserve the continuity of operations and safeguard sensitive data, you need to be able to adapt to ever-evolving threats.**

Adaptability to evolving cyber threats is vital to minimizing business disruption, preserving operational continuity and safeguarding sensitive data. Cyber resilience ensures compliance with regulations, mitigates financial losses from breaches and fosters trust by demonstrating a commitment to robust cybersecurity measures. A resilient security posture allows organizations to respond to opportunities and threats effectively, maintaining reputation and providing a competitive edge through proactive security measures.

A resilient security posture is crucial for adapting to evolving threats, minimizing business disruption, complying with stringent regulations, safeguarding sensitive data and preserving reputation.

By proactively demonstrating a commitment to robust cybersecurity measures, you build trust and credibility both within the businesses and externally.



# The NTT DATA and Palo Alto Networks partnership



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## NTT DATA and Palo Alto Networks: Elevating your security posture

NTT DATA and Palo Alto Networks have joined forces to offer advanced security solutions that significantly bolster your security posture. This strategic partnership combines NTT DATA's expertise in networking, security and cloud with Palo Alto Networks' cutting-edge security technology. With this partnership you get:

- **Palo Alto Networks' Leading Security Solutions:** Renowned for preventing and mitigating threats, their security solutions utilize advanced threat intelligence, machine learning and automation, ensuring robust protection against evolving cyber threats.
- **NTT DATA's Cybersecurity and Managed Network Services:** Providing a wide range of security and network management capabilities, our services ensure your infrastructure is resilient, responsive and adaptable. From risk assessment to incident response, we offer end-to-end solutions for a seamless security experience.
- **Cloud-delivered security solutions:** The partnership between NTT DATA and Palo Alto Networks delivers robust cloud-delivered security leveraging Prisma SASE, Cortex XSOAR and XSIAM Zero Trust network access, software-defined wide area network (SD-WAN) and application security features.
- **Simplified technology consumption:** This partnership optimizes deployment within a fully integrated, holistic service offering and simplifies technology consumption. NTT DATA works closely with Palo Alto Networks to pre-validate all integrations. This ensures the smooth deployment of a joint solution that works from day one.
- **AI and Automation for autonomous security operations:** NTT DATA's AI-powered platform, SPEKTRA and MXDR integrates with Palo Alto Networks' solutions to leverage AI and automation for autonomous security operations. This integration ensures faster, consistent threat responses, enhances detection and response times and provides deep insights into vulnerabilities for proactive defense. Automation accelerates incident response, reduces human error and allows IT teams to focus on strategic priorities, while continuous monitoring further simplifies security management.
- **Platform driven approach to security:** Our 24/7 AI-driven driven incident detection and response and threat intelligence capabilities simplify management, monitoring and remediation, infusing intelligence and insights for visibility and observability. These platforms provide advanced management tools that centralize control and automate processes, reducing complexity and enhancing operational efficiency.

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By partnering with NTT DATA and Palo Alto Networks, our clients achieve a secure, resilient edge-to-cloud environment that supports business growth and innovation while protecting against evolving threats. Our partnership ensures that your organization is well-equipped to handle the complexities of modern security challenges, driving success and fostering trust across your operations.



**A leading beverage giant trusts NTT DATA and Palo Alto Networks to transform their network and security and unleash peak performance**

One of the world's leading beverage companies, renowned for its diverse portfolio of soft drinks enjoyed globally, faced significant challenges in its network and security environment. With over 160 manufacturing sites, warehouses and offices worldwide, the company required a robust and scalable security solution to support its digital transformation journey. Dissatisfied with its current network and security setup, the beverage giant sought partners capable of delivering visibility, resilience and scalability to its digital ecosystem.



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## Create the right strategy

Experts from NTT DATA and Palo Alto Networks collaborated closely with the client to develop a unified security strategy tailored to their specific needs and maturity level. This comprehensive approach prioritized pre-emptive actions, proactive risk management and a collective understanding of security's importance across all organizational levels. The strategy leveraged Network as a Service (NaaS) and transitioned from on-premise security to cloud-based zero-trust security. This shift from traditional, hardware-based security to a more flexible, software-defined approach ensured the network infrastructure could adapt to evolving threats and business needs.

## Manage the growing complexity of the security environment

To effectively manage the growing complexity of the beverage giant's security environment, NTT DATA and Palo Alto Networks implemented an integrated solution leveraging Palo Alto Networks' Prisma SASE. This platform provided a comprehensive approach to secure access service edge (SASE) by combining advanced security features with robust networking capabilities, creating a seamless and efficient security environment. By utilizing Prisma SASE, we integrated network and security operations into a unified platform. This integration facilitated centralized management and reduced the complexity of maintaining multiple disparate systems.

Advanced threat intelligence, machine learning and automation were employed to provide real-time threat detection and response, ensuring robust protection across the entire network.

NTT DATA's managed services, powered by the AI-driven SPEKTRA platform, complemented Prisma SASE's capabilities, enhancing operational efficiency and delivering proactive threat detection. This collaborative approach allowed the company to streamline its security functions, freeing IT resources to focus on strategic initiatives. The new security model not only fortified the company's cybersecurity posture but also simplified global operations, enabling real-time monitoring and rapid response to threats, thereby minimizing the risk of cyberattacks and potential operational disruptions.

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## Build cyber resilience to prevent loss of data or protect service availability

NTT DATA and Palo Alto Networks took a comprehensive approach to building cyber resilience for the beverage giant, ensuring robust protection and swift recovery from potential incidents. By leveraging Prisma SASE's advanced security capabilities, including Zero Trust Network Access (ZTNA) and Cloud Access Security Broker (CASB) we provided continuous monitoring and real-time analysis of network activities, allowing us to identify and address vulnerabilities before they could be exploited and fortified the client's defenses against cyber threats. These features ensured that only authorized users could access critical resources and they provided granular control over cloud applications and data.

Our AI-powered SPEKTRA platform worked in tandem with Prisma SASE to provide predictive analytics and machine learning, anticipating threats and enabling swift responses to ensure minimal disruption to business operations. Our comprehensive approach included rigorous risk assessments, regular security audits and advanced incident response protocols. These measures strengthened the client's ability to withstand cyber threats, ensuring data integrity and service availability. By prioritizing proactive threat detection and mitigation, we reinforced the organization's commitment to maintaining a secure operational environment, fostering confidence and trust within the company.



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## Evolve to respond to opportunities and threats when they arise

In the fast-paced digital landscape, the ability to adapt to emerging threats and seize new opportunities is paramount. NTT DATA and Palo Alto Networks equipped the beverage giant with the tools and strategies needed to stay ahead of the curve. We built a resilient security framework that could dynamically respond to the evolving threat landscape and enabled the company to implement an agile security strategy that incorporated the latest advancements in AI and automation. This allowed for swift adaptation to new challenges, ensuring continuous protection and operational continuity.

SPEKTRA's AI-driven analytics provided deep insights into potential vulnerabilities, facilitating proactive defense strategies and enhancing the company's ability to respond to threats in real-time. Our partnership fostered a culture of continuous improvement and innovation. By regularly updating security protocols and incorporating feedback from ongoing security assessments, we ensured that the company remained resilient and adaptive. This proactive approach not only protected the organization from potential threats but also positioned it to capitalize on new business opportunities, driving growth and maintaining a competitive edge in the market.

Through our strategic partnership and the implementation of Prisma SASE, the beverage giant achieved a secure, resilient edge-to-cloud environment, capable of evolving with the digital landscape. This ensured the organization could effectively navigate the complexities of modern security challenges, fostering success and trust across its operations, reducing network costs, enhancing reliability and providing comprehensive network visibility.

“ NTT DATA and Palo Alto Networks equipped the beverage giant with the tools and strategies needed to stay ahead of the curve.



# Why NTT DATA and Palo Alto Networks



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**The collaboration between NTT DATA and Palo Alto Networks brings together the strengths of two industry leaders to provide unparalleled security solutions tailored to the evolving needs of modern enterprises.**

**Comprehensive security expertise:** NTT DATA has a proven track record in networking, security and cloud services. With over 7,500 security specialists and 4,700 network engineers in over 50 countries, our deep expertise ensures that we understand and address the unique challenges faced by organizations worldwide. Palo Alto Networks is renowned for its cutting-edge security technology. Their advanced threat intelligence, machine learning and automation capabilities ensure robust protection against evolving cyber threats. Together, our combined expertise ensures comprehensive coverage and sophisticated defense strategies that are tailored to your specific needs.

**End-to-end security solutions:** Our partnership offers end-to-end security solutions that cover every aspect of your infrastructure. From risk assessment and threat prevention to incident response and recovery, we provide comprehensive services that ensure your environment is resilient, responsive and adaptable. NTT DATA's Cybersecurity and Managed Network Services, combined with Palo Alto Networks' leading security technologies, deliver a holistic approach to security that aligns with your broader business objectives. This integration simplifies technology consumption, optimizes deployment and ensures smooth implementation from day one.

**Commitment to innovation:** Together, NTT DATA and Palo Alto Networks are committed to developing integrated, AI-powered security solutions for the present and future. Our collaborative efforts have led to innovations such as Managed Campus Networks with Prisma SASE, simplifying SASE adoption with a fully managed, integrated approach and recently launched Managed Detection and response security platform with XSIAM. By continually investing in new technologies and enhancing our solutions, we ensure that your organization is well-equipped to handle the complexities of modern security challenges. Our commitment to innovation drives success and fosters trust across your operations.

“ This integration simplifies technology consumption, optimizes deployment and ensures smooth implementation from day one. ”



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Leverage our complementary Network Assessment to gain a deep understanding of your network requirements and embark on your transformation journey.

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Our comprehensive managed network services are powered by our SPEKTRA platform, which offers cloud-native, AI-powered multitenant functionality and extensive vendor support.

[Sign up for a live demo to experience SPEKTRA in action](#)

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NTT DATA is a **US\$30+ billion** trusted global innovator of business and technology services. We serve **85% of the Fortune Global 100** and are committed to helping clients innovate, optimize and transform for long-term success.

As a Global Top Employer, we have diverse experts in more than **50 countries** and a robust partner ecosystem of established and start-up companies. Our services include business and technology consulting, data and artificial intelligence, industry solutions, as well as the development, implementation and management of applications, infrastructure and connectivity. We are also one of the leading providers of digital and AI infrastructure in the world.

NTT DATA is part of NTT Group, headquartered in Tokyo, which invests over **US\$3.6 billion each year** in R&D to help organizations and society move confidently and sustainably into the digital future.

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