NTT DATA | **paloalto®** NETWORKS

NTT Managed Campus Networks with Palo Alto Networks' Prisma SASE

A fully managed integrated networking and security solution

Safeguard digital transformation for the hybrid workforce with NTT and Palo Alto Networks
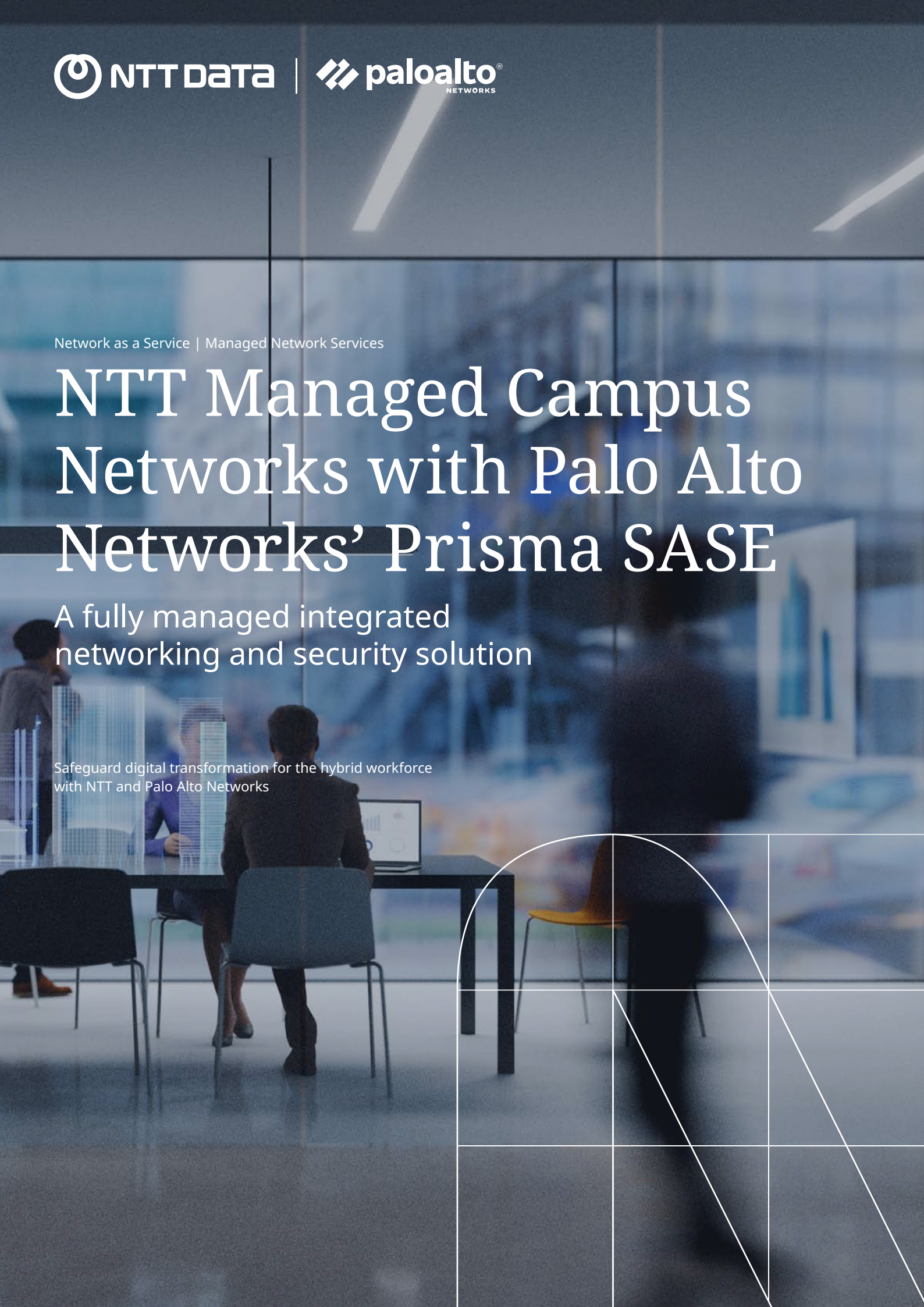
A new approach to security

NTT Managed Campus Networks with Palo Alto Networks Prisma SASE is designed to help enterprises meet the challenges of fast-paced digital transformation and more flexible ways of working. The shift to digital infrastructure, accelerated cloud adoption and the entrenchment of hybrid workforce models have made it very difficult to maintain a strong security posture in an everchanging threat landscape. IT leaders must cope with the growing complexity of an environment where point security solutions are deployed in silos, IT skills are scarce, and users, applications and data can be anywhere.

To operate successfully and securely in this cloud-first environment, a new approach to security is needed. With a state-of-the-art platform that integrates networking functionality with cloud security features such as zero trust and identity-level security, Managed Campus Networks with Prisma SASE strengthens the protection of your digital resources and IT applications – no matter where employees access them. In addition, you can capitalize on the flexibility and efficiency of NTT's Network as a Service to optimize the cost of hardware, software, maintenance and management, and reduce the number of vendors, tools and technology stacks for simplified management.

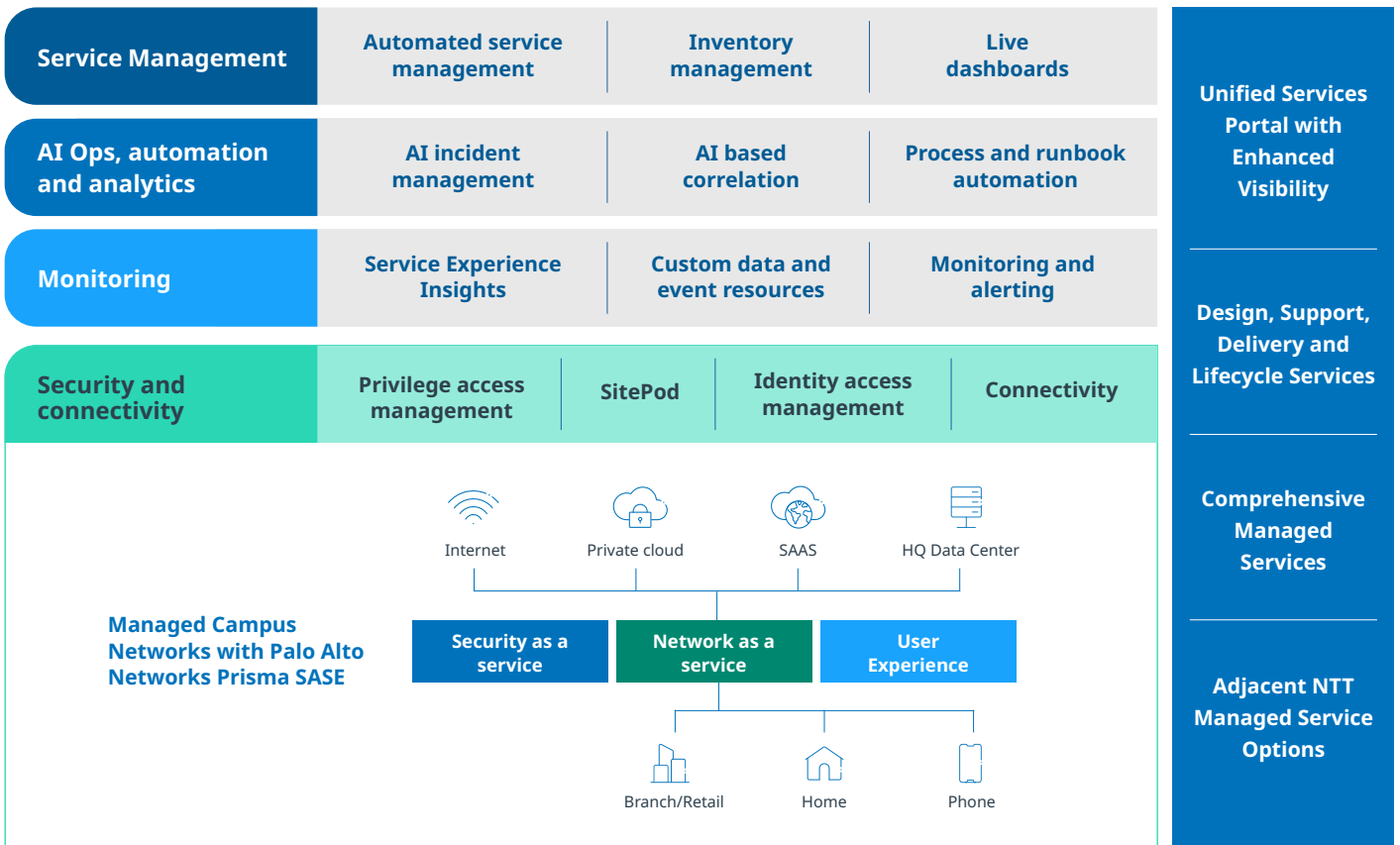> From design and implementation to operations and optimization, this best-in-class, fully managed end-to-end service **provides enhanced control and automation for better cloud application performance and improved business continuity.**

> **76% of enterprises are outsourcing their network management** and/or plan to fully outsource to a managed service provider by 2024.

NTT 2022–23 Global Network Report

Service platform and portfolio

Service Management	Automated service management	Inventory management	Live dashboards	Unified Services Portal with Enhanced Visibility
AI Ops, automation and analytics	AI incident management	AI based correlation	Process and runbook automation	
Monitoring	Service Experience Insights	Custom data and event resources	Monitoring and alerting	Design, Support, Delivery and Lifecycle Services
Security and connectivity	Privilege access management	SitePod	Identity access management / Connectivity	Comprehensive Managed Services

Internet   Private cloud   SAAS   HQ Data Center

Managed Campus Networks with Palo Alto Networks Prisma SASE

Security as a service	Network as a service	User Experience

Branch/Retail   Home   Phone

Adjacent NTT Managed Service Options

Benefits of Managed Campus Networks with Prisma SASE

Legacy network architectures and security postures no longer work in a cloud-first and hybrid workforce environment. The support of a fully managed solution is now more critical than ever. Here are some of the ways our service can help you address these challenges:

Mitigate the security vulnerabilities created by a hybrid workforce

- Our cloud-delivered solution provides complete visibility across the entire enterprise network environment, with fully integrated, high-performance threat prevention security.

- It incorporates the latest zero trust network access technologies with ZTNA 2.0, which combines fine-grained, least-privileged access with continuous trust verification and deep, ongoing security inspection to protect all users, devices, apps and data everywhere.

Optimize the performance of cloud applications and keep them secure

- An agile software-defined networking platform calibrates cloud applications to changing business requirements.

- Centralized control over network policies helps to improve workforce productivity.

- Cloud access security broker (CASB) and secure web gateway (SWG) features enhance the security of cloud applications.

- Integration capabilities are available for key applications and multiple cloud environments.

Manage the complexity of a global network with dispersed branch locations

- Unified, simplified operations and management eliminates need for point security solutions and large, highly skilled internal teams.
- Our cloud-native architecture and leading SLAs ensure we deliver uncompromised performance.
- Advanced AI and automation techniques enable proactive and predictive monitoring and incident management.
- The integrated Autonomous Digital Experience Management (ADEM), an add-on to Prisma SASE, gives end-to-end visibility of and insights into mobile and branch users to support optimal user experiences.

Realize cost savings and leverage the benefits of an opex model

- Flexible, consumption-based services and models help you budget for and manage costs more efficiently.
- Replacing on-premises security hardware with cloud-delivered security reduces operations and maintenance costs.
- Improved bandwidth efficiency and optimized application performance mean you get more from your investment, including better productivity.
- Our simple and scalable model delivers full lifecycle services with entry points that match your unique requirements.

Access the skills needed to manage the latest SASE solutions

- Our fully managed service gives you access to our extensive network and security expertise – including a team of network and security operation engineers in our global delivery centers offering 24/7 support.
- The platform is tailored and tuned to monitor and manage SASE environments, and has advanced AI and automation capabilities.

❝ Improved bandwidth efficiency and optimized application performance mean you get more from your investment, including better productivity.

NTT Managed Campus Networks with Palo Alto Networks Prisma SASE converges managed LAN with best-of-breed security and SD-WAN into a single, cloud-delivered SASE offering.

Key use cases

Managed Campus Networks with Prisma SASE addresses a variety of use cases that enable you to improve application control and performance, ease the pressures on internal IT resources, and reduce the deployment time, complexity and operational efficiency of an integrated networking and security solution

- Virtual private network (VPN) replacement: VPN technologies are not designed for the rapid scale, high performance and consistent delivery of advanced security services required to securely connect a hybrid workforce to the array of applications they require to get their jobs done. Replacing legacy VPN technologies with a modern ZTNA 2.0 solution can help organizations to overcome performance bottlenecks and simplify management.

- Securing internet access: As organizations and their mobile and hybrid workforces grow, it becomes increasingly difficult to protect remote users from threats as they access various applications. The cloud SWG capabilities of Prisma SASE remove latency issues and improve security capabilities.

- Advanced SaaS security: Enterprises using legacy CASB solutions can't keep up with the rapid growth of SaaS applications and shadow IT, the ubiquitous growth of

data, or the increasing numbers of hybrid and remote workers. The next-generation CASB capabilities of Prisma SASE ensure complete coverage, securing all applications, whether onpremises or in the cloud. In this way, organizations get full visibility of shadow IT and easy-to-use workflows, so they can safely enable the use of SaaS applications.

- Branch transformation: Organizations are fundamentally changing the nature of branches, using them as collaboration hubs rather than primary places of work. Retailers are also transforming the way they engage in-store with customers. This trend is driving demand for WAN transformation, from legacy MPLS to SD-WAN and SASE.

Why NTT and Palo Alto Networks

- Industry-leading expertise in managed network and security solutions

- Cutting-edge AIOps technologies and automation techniques for enhanced network performance, reporting, monitoring and management

- Scalable, modularized solution set for best fit to meet individual client requirements and business objectives

- Cloud-delivered to reduce the need for hardware investment

- Flexible as-a-service consumption model for improved cost management

- Zero trust security at user level with the superior security of ZTNA 2.0 to protect enterprise resources for a distributed workforce
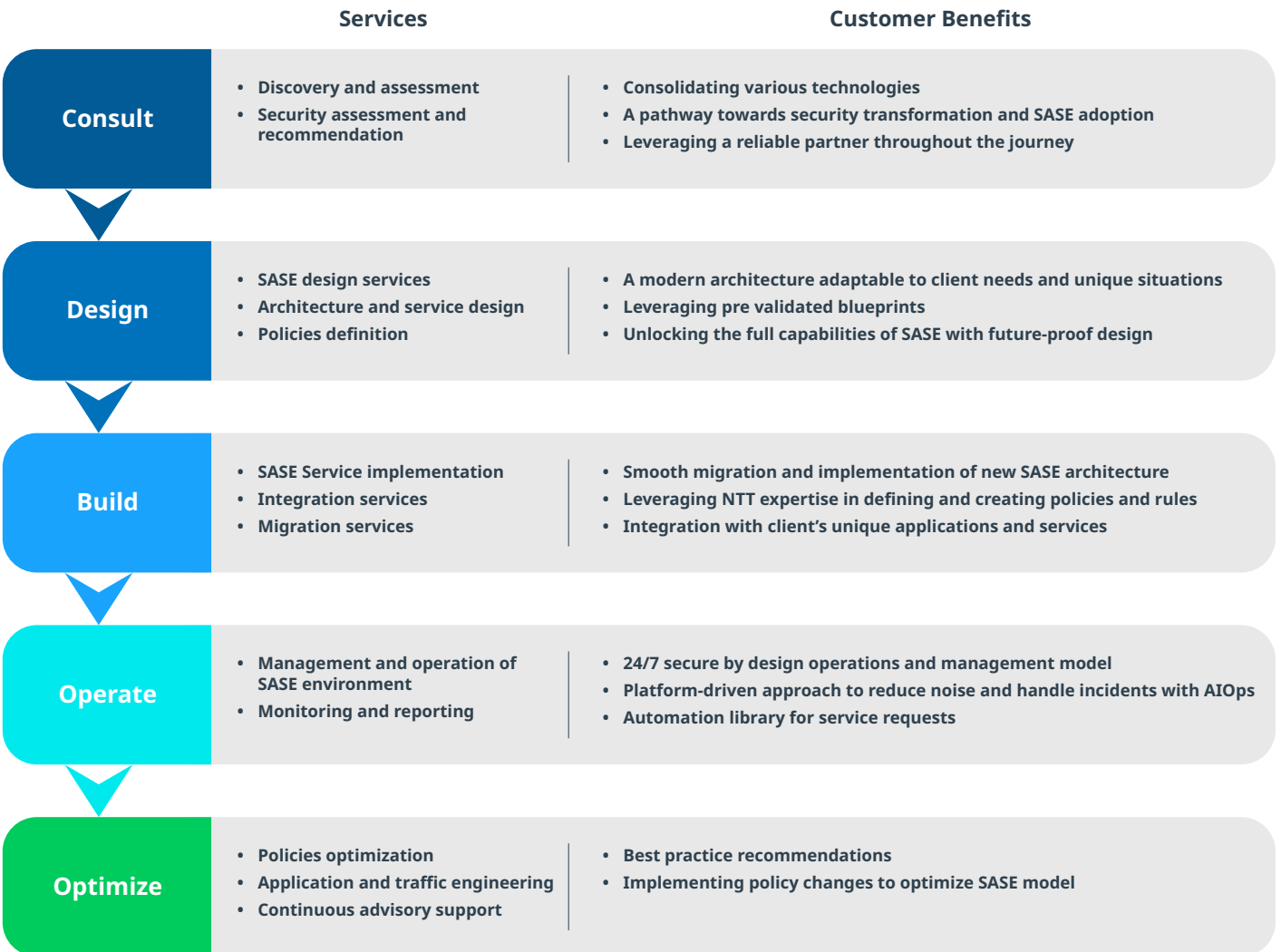
> " **According to Gartner:** "By 2025, 80% of enterprises will have adopted a strategy to unify web, cloud services and private application access using a SASE/SSE architecture, up from 20% in 2021."
>
> Gartner® Market Guide for Single-Vendor SASE.
> Published 28 September 2022

Full lifecycle service ensures the best fit for your objectives

Managed Campus Networks with Palo Alto Networks Prisma SASE is designed to help enterprises meet the challenges of fast-paced digital transformation and more flexible ways of working. From solution design and implementation to ongoing management and performance optimization, clients will benefit from the unparalleled expertise of NTT and Palo Alto Networks.

Comprehensive Lifecycle Services

	Services	Customer Benefits
Consult	• Discovery and assessment • Security assessment and recommendation	• Consolidating various technologies • A pathway towards security transformation and SASE adoption • Leveraging a reliable partner throughout the journey
Design	• SASE design services • Architecture and service design • Policies definition	• A modern architecture adaptable to client needs and unique situations • Leveraging pre validated blueprints • Unlocking the full capabilities of SASE with future-proof design
Build	• SASE Service implementation • Integration services • Migration services	• Smooth migration and implementation of new SASE architecture • Leveraging NTT expertise in defining and creating policies and rules • Integration with client's unique applications and services
Operate	• Management and operation of SASE environment • Monitoring and reporting	• 24/7 secure by design operations and management model • Platform-driven approach to reduce noise and handle incidents with AIOps • Automation library for service requests
Optimize	• Policies optimization • Application and traffic engineering • Continuous advisory support	• Best practice recommendations • Implementing policy changes to optimize SASE model

Contact us

Contact us about strengthening the protection of your digital resources.

NTT DATA