



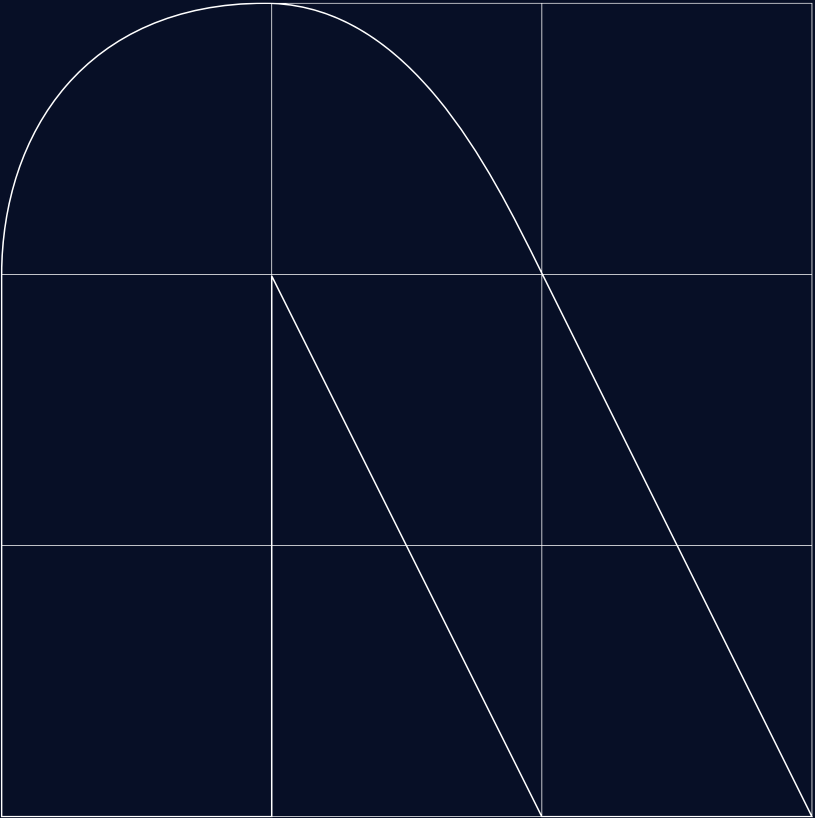
# NTT DATA

Cybersecurity Success Stories: Real-World Achievements

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BDM Cybersecurity  
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NTT DATA



# Our promise

From strategic consulting to leading-edge technologies, we enable experiences that transform organizations for success, disrupt industries for good and shape a better society for all.



# We offer the broadest portfolio, industry expertise and global scale

**\$30B+**

Annual revenue

**50+**

Countries

**29**

Countries NTT DATA is  
rated a top employer

**6<sup>th</sup>**

Most valuable  
IT Services brand

**3<sup>rd</sup>**

Largest data center  
provider in the world

**Top 10**

Global IT  
Services Provider

**4<sup>th</sup>**

Largest IP  
backbone worldwide

## Create

- Objectives/key results that matter most
- Deep relationships and understanding of your business
- Strong industry and technology expertise
- Consulting, digital transformation, applications and systems integration

**Client  
value**

## Connect

- Secure and connected future that empowers clients, communities and employees
- Applying best practices across a diverse client base
- Innovative edge-to-cloud, data center and network infrastructure, and managed services offerings

**You will benefit from our portfolio of IT & connectivity services that combines deep industry and consulting expertise with the world's most robust technology portfolio.**

# Europe



**5,500+** employees  
in **76** offices



**7,500+** clients



18 data centers with  
**160,000 m²** of  
**business-critical**  
**data center space**



European **Client**  
**Innovation Centre**  
located in Belgium



Clients include **32%**  
of the **Global**  
**Fortune 500**

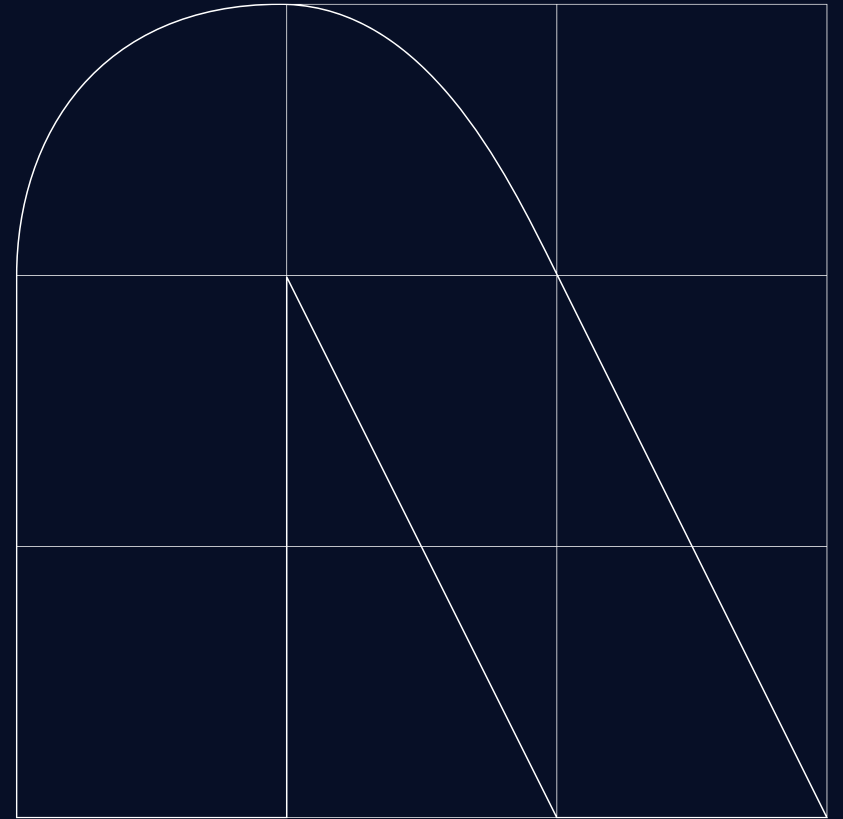


**5G Innovation Lab**  
located in Germany



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# Healthcare at NTT DATA



# Healthcare

Building a new future for healthcare with transformative technologies



## What we offer

- ✓ Healthcare technologies
- ✓ Healthcare sustainability
- ✓ Digital business process as a service (BPaaS)
- ✓ ehCOS ehealth platform
- ✓ Interoperability
- ✓ Clinical data intelligence
- ✓ Cybersecurity



## Accelerating client value

**We have over 50 years of experience and more than 10,000 digital transformation experts**

“Independent Health has a long history of being recognized nationally for our award-winning customer service. To maintain this distinction, we wanted to build an end-to-end services model that would continue to modernize our IT service desk and integrate it with improvements we were making to our field service, desktop engineering, mobility and asset management services. That’s why we turned to NTT DATA.”

**Joshua Zalen**

VP of IT Service Operations,  
Independent Health



## Industry recognition

- ✓ Positioned as a [Leader](#) for Healthcare Payer Operational Transformation<sup>1</sup>
- ✓ Named a [Leader](#) for Healthcare Provider Digital Service Provider<sup>2</sup>
- ✓ A Leader in Healthcare Provider Digital Services<sup>3</sup>
- ✓ A Leader in Healthcare Payer Operations<sup>4</sup>

<sup>1</sup>NelsonHall NEAT Report for Healthcare Payer Operational Transformation 2023, June 2023

<sup>2</sup>Everest Group PEAK Matrix® for Healthcare Provider Digital Service Provider 2023, published January 2023

<sup>3</sup>Everest Group Healthcare Provider Digital Services PEAK Matrix® Assessment, published Jan 2025

<sup>4</sup>Everest Group Healthcare Payer Operations PEAK Matrix® Assessment - published June 2023

Case studies



# 5G connects Hôpitaux Robert Schuman to patients for better and faster diagnosis and treatment

## Business need

When Luxembourg's Department of Media, Telecommunications and Digital Policy put out the call for new ways to use 5G, Hôpitaux Robert Schuman (HRS) wanted to explore how they could use this technology to improve the county's healthcare system.

HRS investigated several use cases for technology that connects people, healthcare devices and hospital data to improve patient outcomes.

## Solution

NTT build a digital health platform for HRS on Microsoft Cloud for Healthcare, enabled by 5G. The platform connects apps, services and health-related IoT devices to exchange sensitive hospital and patient data and content securely and reliably.

Function tests explored opportunities to deliver hospital-grade telemedicine services outside the hospital itself, while ensuring regulatory compliance by not using real patient data.

## Outcomes

The successful 5G-driven collaboration between HRS and NTT — with a focus on use cases and heart disease treatment and stroke patients — has achieved another milestone on Luxembourg's digital healthcare journey.

The joint solution has established a solid foundation for future use cases for 5G, telemedicine, and healthcare data exchange.

- ✓ Established a secure and reliable platform for sensitive hospital and patient data sharing
- ✓ Connected paramedics in the ambulance to neurologists and cardiologists so treatment can start enroute to the hospital
- ✓ Integrated AI for data analysis of hospital and consumer health-monitoring devices to pre-empt chronic disease
- ✓ Supporting effective telemedicine and remote diagnosis, allowing patients to rest and recover at home



It allows much better monitoring of health parameters. And also for the patients to feel more relaxed and comfortable, especially if they are already back home and in a remote location. So, there's less time spent at hospital, and a greater wellbeing felt by the citizens.

*Erik Krier, Policy Advisor Department of Media, Telecommunications and Digital Policy, Government of Luxembourg*

[Read the full case study](#)

[Watch the video](#)



# Higher education and research

## Improving the learning experience with digital education tools



### What we offer

- ✓ User support
- ✓ Smart school safety platform
- ✓ SAP higher education software
- ✓ Device as a service
- ✓ Private 5G



### Accelerating client value

**NTT DATA is committed to supporting the education market, serving 30 major higher-learning institutions globally.**

“The technology in our classrooms is built around humans first. And that is in large part because our technology partners, NTT DATA, have been so extraordinary in helping us to think about how we both will and could use technology. Partnerships are some of the most important things when you’re building out new technology.”

**Dr Catherine Duggan**

Director, UCT Graduate School of Business



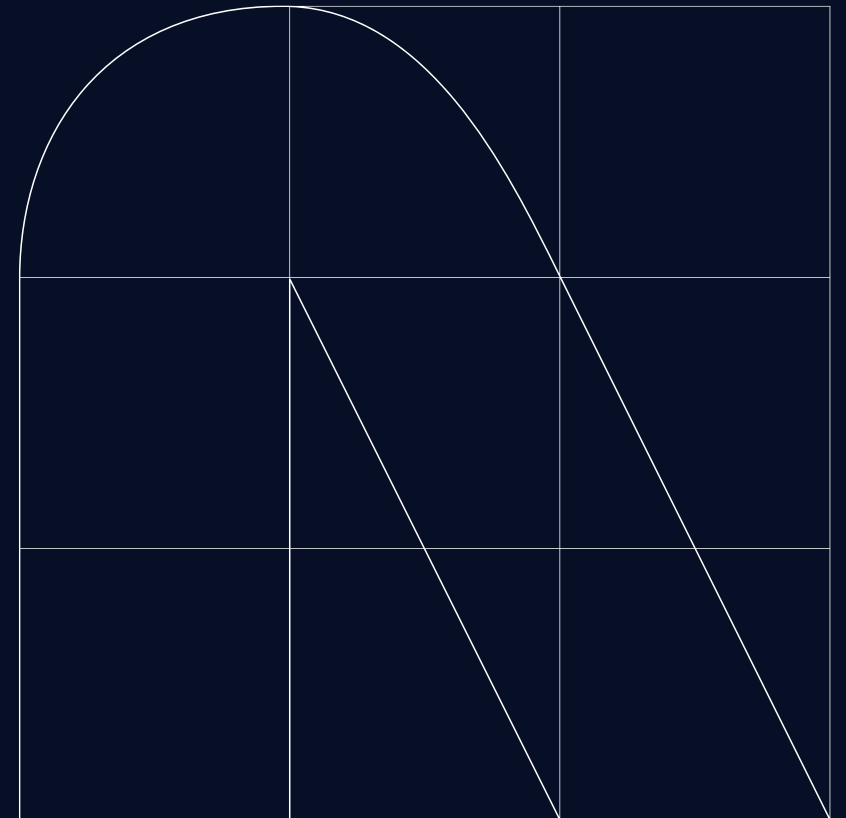
### Industry credentials

- ✓ Empowering more than 1.1 million students with technology tools
- ✓ Support over 2,300 schools with social-media monitoring
- ✓ Installed more than 1,300 school panic-buttons in the U.S.

Case studies

# 3

## Cybersecurity at NTT DATA



# NTT DATA, Empowering business with innovative Technology Solutions

Secure Networking



Technology Consulting

Cybersecurity



Professional Services

Hybrid Data Center



Support and Adoption Services

Digital Workplace & CX



Managed Services

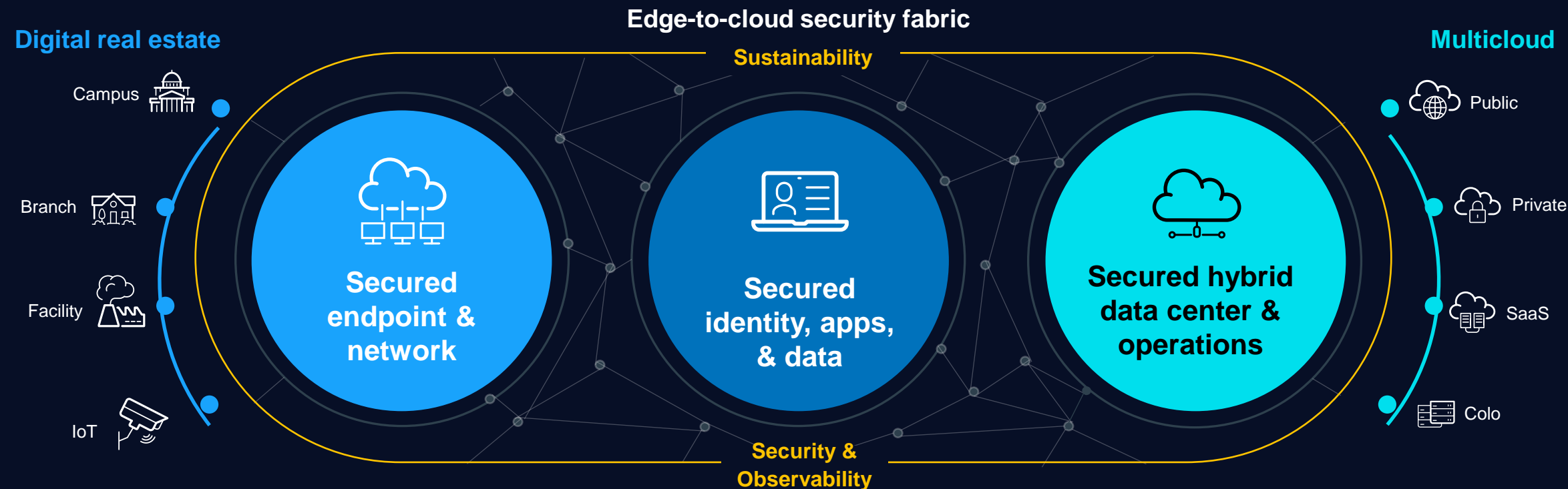


Strategic Technology Sourcing

## Client Experience Platforms

Automation | AIOps | Asset Management | License Management | Support | Manage

# Comprehensive cybersecurity solutions tailored to your needs



Strategic Technology  
Sourcing

Technology Consulting

Professional Services

Support Services

Adoption Services

One Enterprise Agreement Services

Managed Services

We understand that every organization has **unique security requirements**. That's why we offer a **comprehensive portfolio of cybersecurity solutions and services** designed to address a wide range of challenges.

## Cybersecurity Consultancy Services

# CISO-as-a-Service

- Lead or support your Cybersecurity Governance team
- Define and manage your ISMS (Information Security Management System)
- Understand and manage your risks, threats, and risk appetite
- Define, maintain and follow up:
  - Security policies and controls
  - a tailored cybersecurity roadmap
  - a cybersecurity awareness service
- Find solutions for day-to-day information security issues
- Lead or assist in ISO 27001 implementation

## A Trusted NTT Security Adviser

either part time or as a dedicated resource to your organization

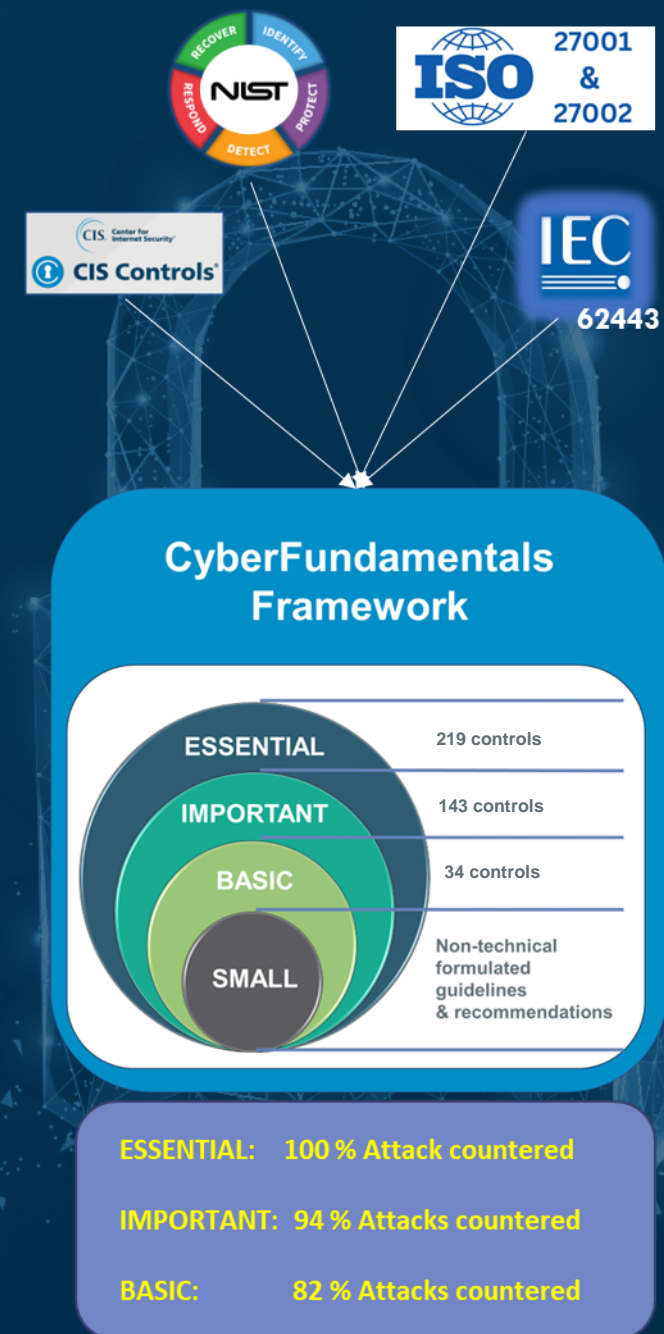
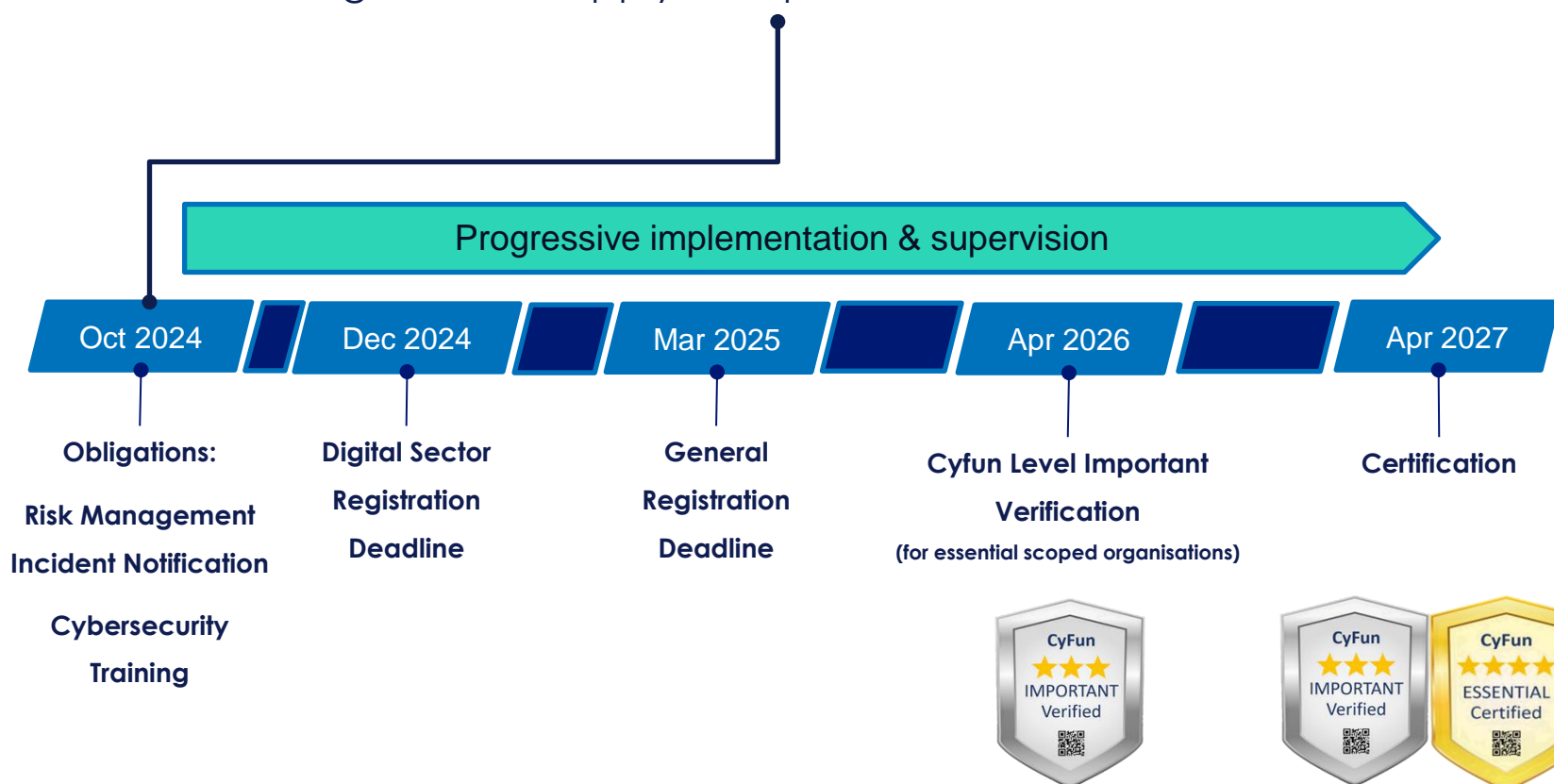


# When should you be ready?

18 October 2024

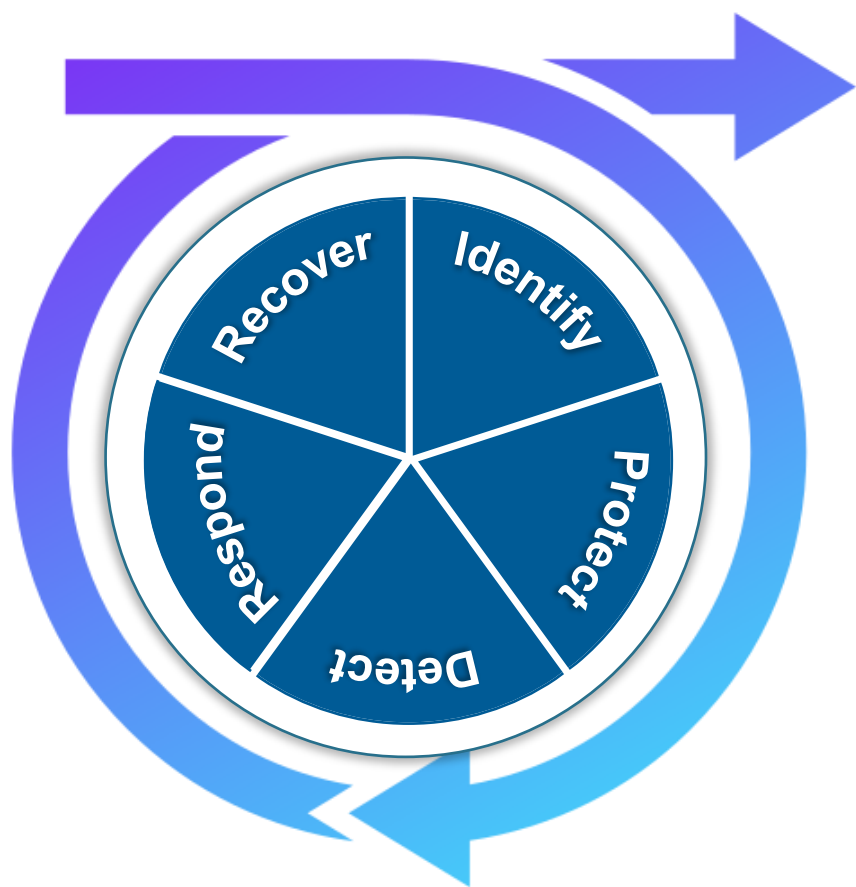
Entry into force NIS2 law and Royal Decree

All obligations will apply to important and essential entities





# A road towards NIS2 compliancy will be **driven** by the **CISO**, while **NTT DATA's CISOaaS** can **support** the journey



## Ciso-as-a-Service

- Risk Management*
- Policy and process development*
- Change Management*
- Stakeholder Management*
- Secure IT Infra Architecture & Design Service*
- Technical services*
- Managed services (VMaaS, MDR, MCN)*
- Etc.*

### Our promises

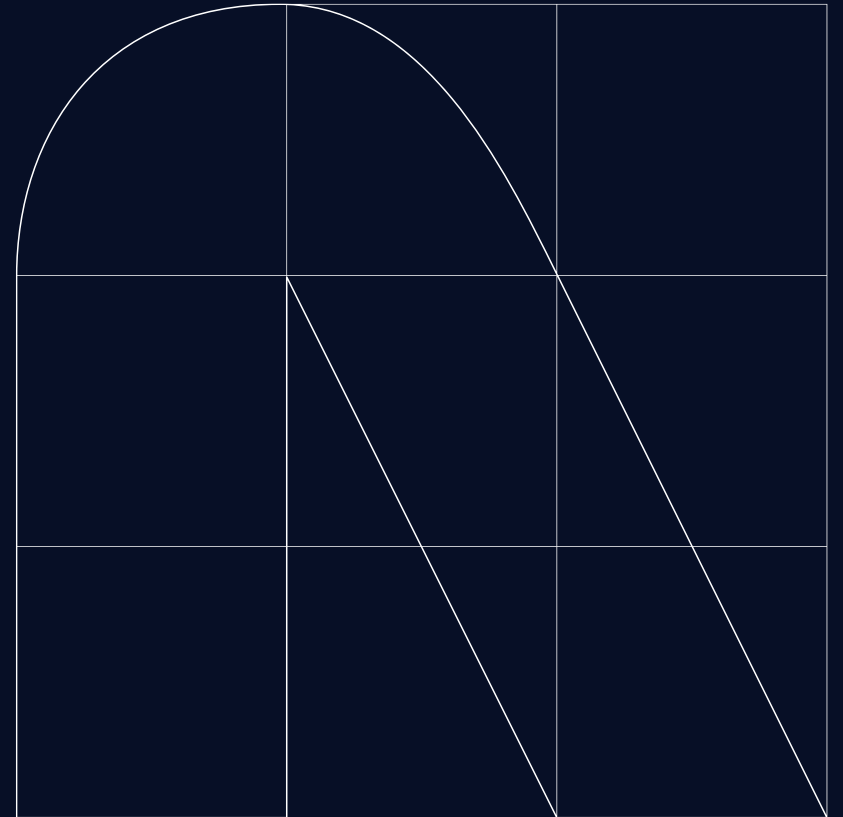
1. The NTT DATA NIS2 approach, based on **Cyfun** with predefined **deliverables**.
2. The NTT DATA **templates** for necessary documentation (policies, process descriptions, required plans for cybersecurity awareness, incident response plans, recovery plans, etc.)
3. NTT DATA's **technical support** to implement technologies as part of the NIS2 requirements.
4. An **iterative** approach to assist you in **maturity growth**, implemented in the organization via a defined change methodology.

# 4

## Shield scope: Firewall Tender

Lot 2: Cisco

Lot 3: Palo Alto



# Why partner with NTT DATA and Cisco?

We work with you to ensure you realize the outcomes and value you need right now, and the competitive advantage for tomorrow.



## Comprehensive IT Services portfolio

Strategic consulting, managed services application development and cloud platforms, to cybersecurity, networking and industry expertise



## Global reach and client coverage

- Over 14,000 technical experts globally and coverage in 50+ countries
- Extensive support to 11,000 clients, including 65% of the Fortune 500



## Suite of Cisco-powered services

11x Cisco-powered services



## Sales performance & partner ranking

- 1<sup>st</sup> Global partner to achieve Advanced CX Specialization for all Theatres
- 30 awards at Cisco Partner Summit 2023



## Multi-tower approach

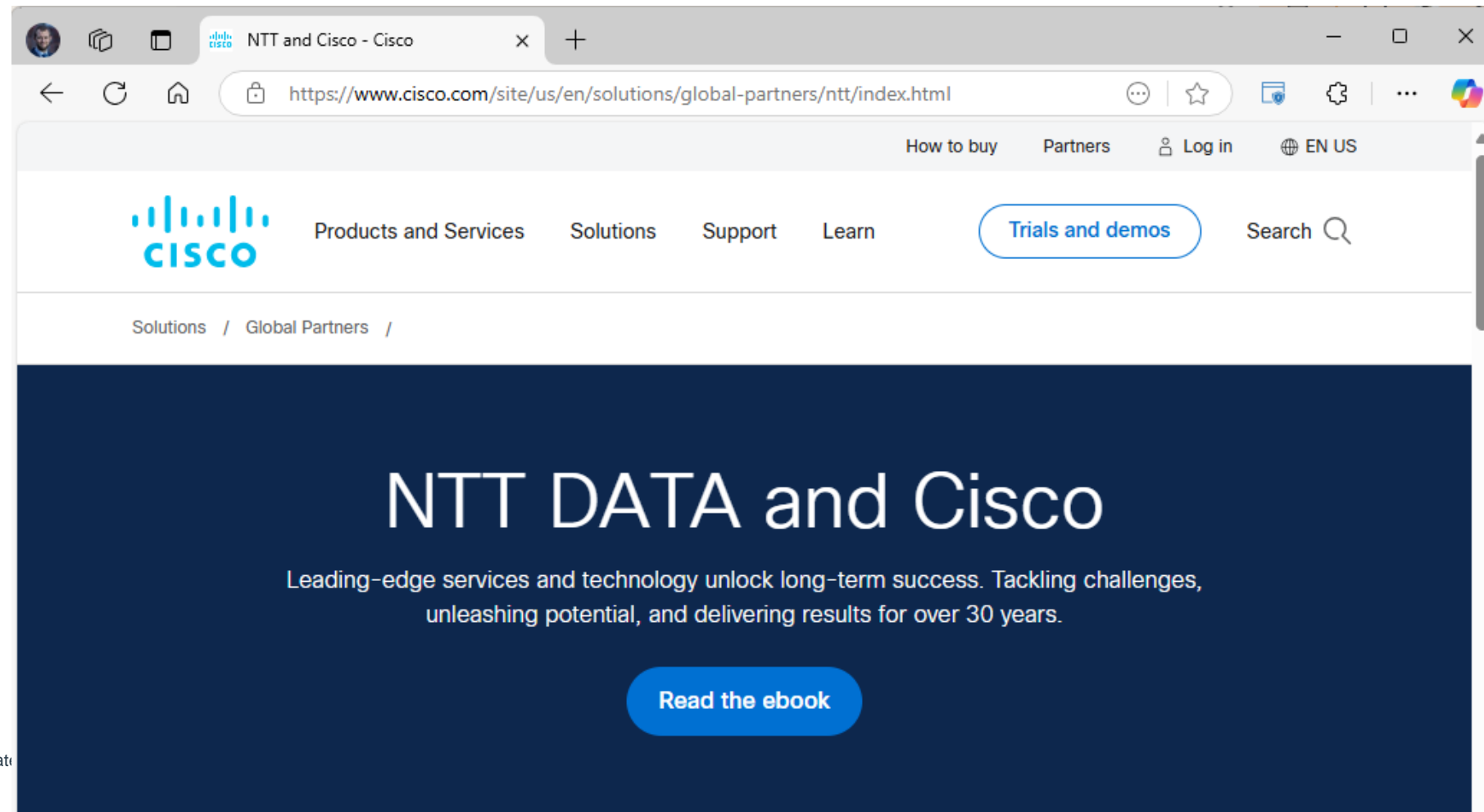
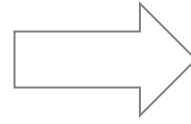
- A unique full stack of IT services
- Aligned with clients' increasing preference for managed services and centralized software license management



## Leadership in innovation

- Dedicated to sustainability, offering green technology services and digital solutions
- Commitment to innovation, leveraging NTT's annual R&D investments of \$3.6 billion

# For Shield: our credentials with Cisco



# Why partner with NTT DATA and Palo Alto Networks?

We work with you to unlock the power of secure and agile networking for an innovative future.



## Recognized as market leaders

- NTT DATA has been named a [leader](#) by analysts including the 2023 Gartner® Magic Quadrant™ Managed Network Services
- Palo Alto Networks has been recognized as a [leader](#) in third-party assessments across 22 categories



## Collaborative global reach

- Ability to deliver across 57 countries, drawing on our network of 4,700 engineers.
- 10,000 network certifications.



## A unique and secure partnership

Benefit from the world's largest end-to-end provider, combined with the world's most comprehensive security platform.



## AI-powered next-generation managed services

- NTT DATA SPEKTRA integrates with Palo Alto Networks by leveraging advanced automation and AI-driven analytics (Cortex XSIAM platform).
- Enhancing security operations, providing real-time observability and improving overall network performance and reliability.
- NTT DATA and Precision AI from Palo Alto Networks are the ultimate defense in an AI-first world



## Industry recognition

- NTT DATA is an Elite Palo Alto Networks partner
- Recognized as a Global Diamond Innovator Partner with specialized Managed Security Services capabilities.
- Global MSS Partner and Global Certified Support Services Partner.

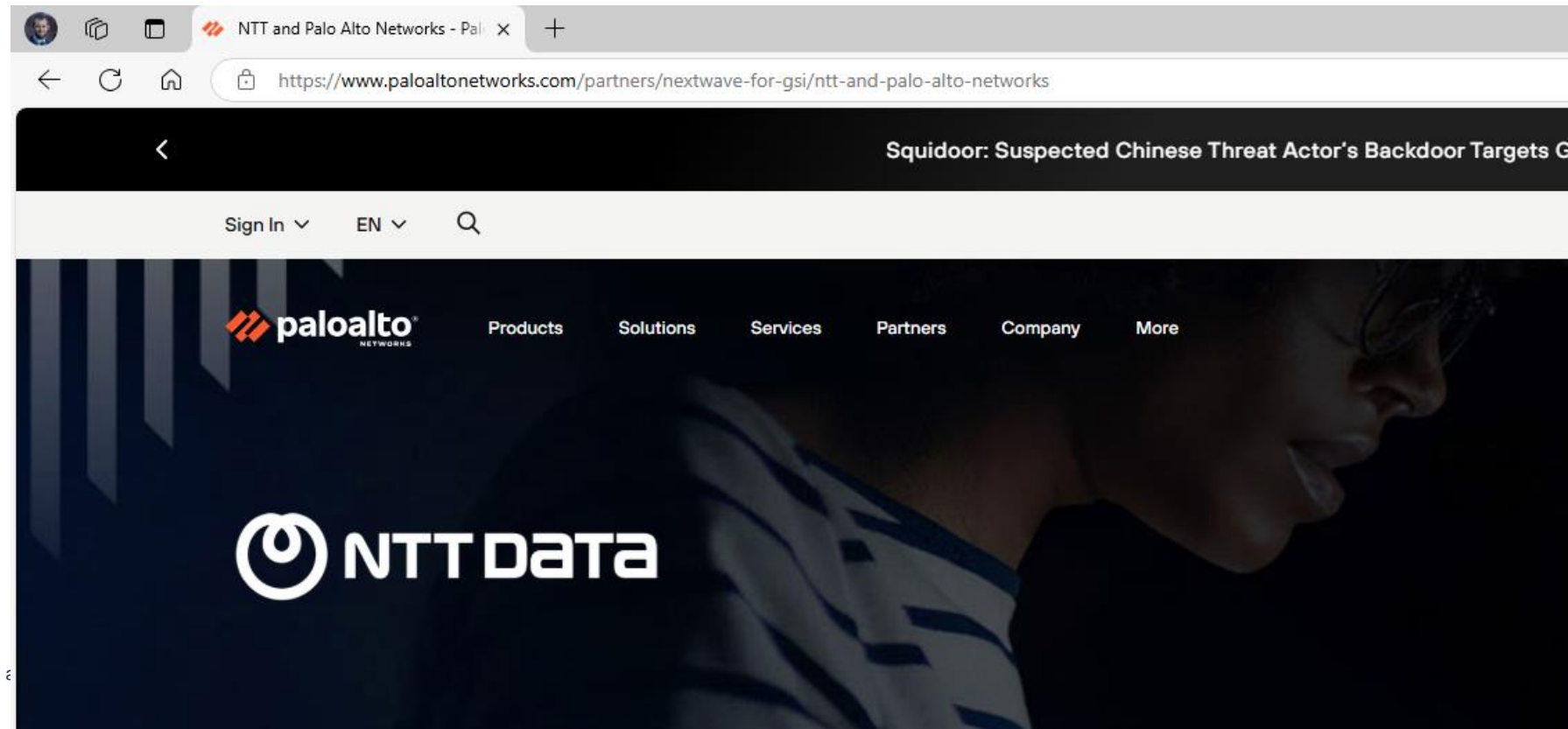


## Network partner of the year

Awarded the Palo Alto Networks 2023 SASE Partner of the Year for North America and SI Partner of the Year for Europe, Middle East, Africa, and Latin America



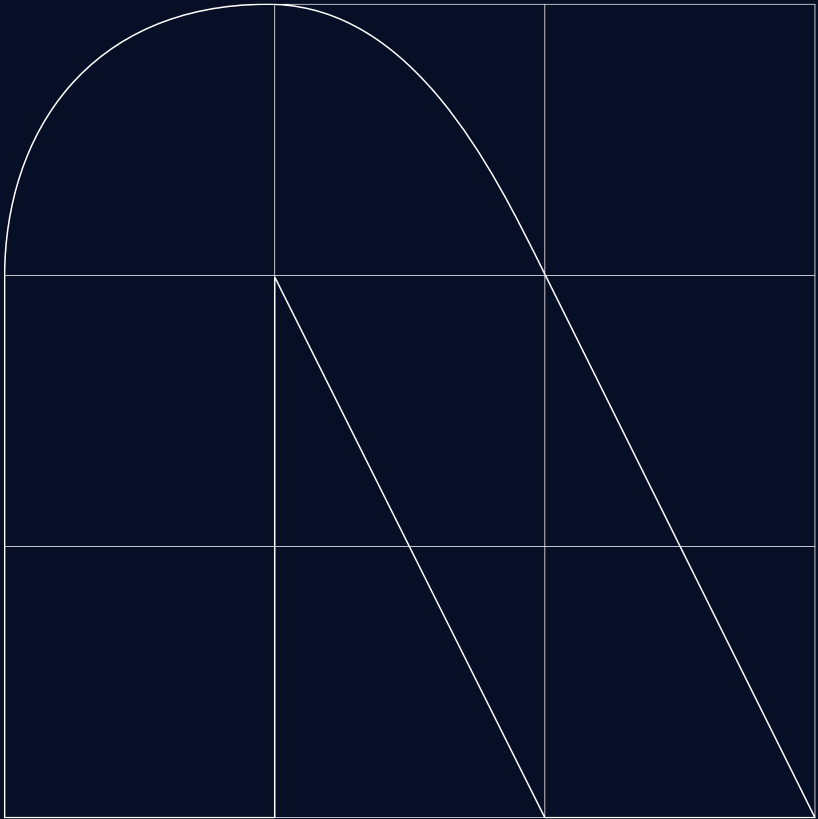
# For Shield: our credentials with Palo Alto





# 5

## Real-World Success Stories



# Success Story 1: <client name sanitized>

## Objectives:

- Carve-out from university, more independent
- Replace, consolidate legacy platforms
- Standardized approach, best practices, better visibility
- Integrating with Cisco ACI 10Gbps fabric



# Success Story 1: Actions

- RFP security phase & selection: best overall solution, references, experience
- Requirements gathering: networking & security, ACI, NGFW, eDMZ & iDMZ
- Solution Design: HLD
- Proof of Concept, Lab, Demo: show effectiveness
- Implementation Planning: LLD
- Deployment: minimize impact
- Training & Support:
- Continuous Improvement: PoM, NTT DATA experts planned when needed
- Long-Term Partnership: Current cloud setup, virtual firewall to terminate VPN, not policy-based.

# Setup

<sanitized>

Contact us at [eu-shield@global.ntt](mailto:eu-shield@global.ntt) for the full presentation.  
More info [here](#).

# Success Story 1

2 clusters FirePower 9300 – SM 40

- 1 cluster external FW, perimeter
- 1 cluster internal FW
- FTD Threat subscription for IPS

+ Cisco Umbrella

+ Cisco ISE (.1x on switches)

Future proof, room for growth!



# Cisco Enterprise Agreement

Offers Multiple Suites per Architecture

 Cisco ONE

 Collaboration

 Security

 IoT

Supports Key Market Transformations

 As-a-service offers

 Hybrid cloud

 Hybrid IT

 Multi-cloud infrastructure

 Multi-cloud security

 Managed service

Built on Top of a Standard Buying Program Platform

 Branding

 Terms & Conditions

 Suites & Values

 Partner Program

 Tools & Processes



# Success Story 1: Key take-aways

- Objectives achieved
- Robust and dynamic setup, easier self-management (Keep It Simple)
- Evolutive design
- Advancement in licensing: part of Cisco Enterprise Agreement
- Continuous Improvement, change when needed

# Success Story 2: Integration of 2 hospitals

<client name sanitized>

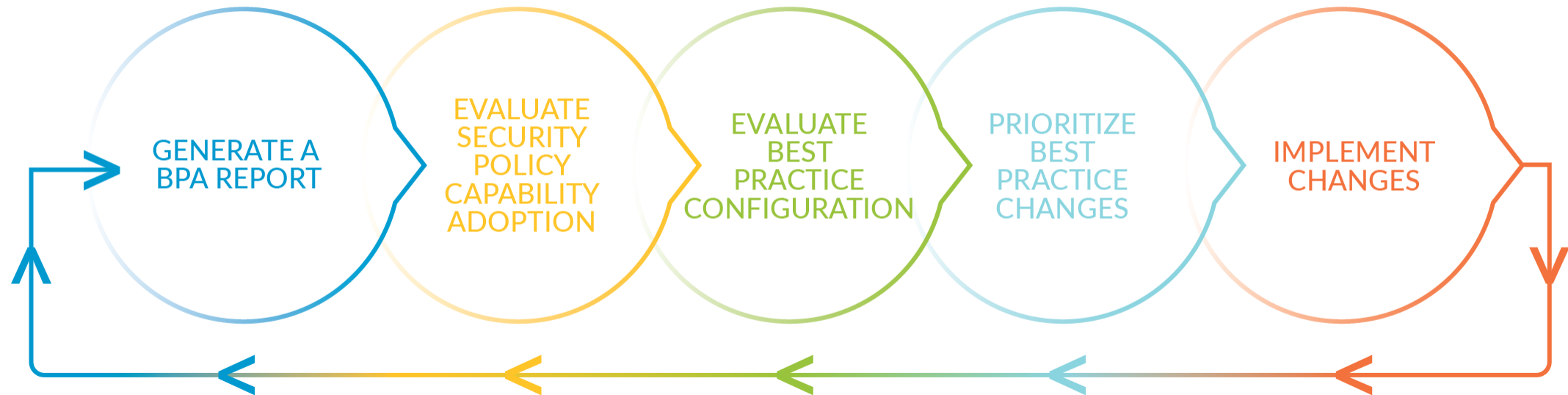
<setup sanitized>

Contact us at [eu-shield@global.ntt](mailto:eu-shield@global.ntt) for the full presentation

More info [here](#).

1. Unburden complexity
2. Prevent performance bottlenecks
3. Compatibility issues
4. No more fragmented security policies
5. Remove operational inefficiencies

## Success Story 2: FW integration is opportunity! Palo Alto BPA!



# Strata Cloud Manager Detailed Offering

Detailed list [here](#)

### Gain Complete Visibility with Actionable Insights

Command Center

Activity Insights

Dashboards and reports

Log Viewer

IoC Search

Log forwarding

### Simplify Network Security Lifecycle Management

Consistent policy across all form factors

Configuration management for all form factors – NGFW, SASE, SD-WAN, and security services

Shareable predefined and custom configuration snippets

Auto provisioning of large scale VPN deployments

Automated bulk onboarding of devices

Software upgrade orchestration

Software upgrade recommendations for NGFW

### Understand and strengthen security posture

Predefined best practice checks

Custom best practice checks

Inline best practices recommendations and enforcement

Regulatory compliance

Configuration cleanup of unused rules and objects

Best practices enforcement at commit

Detect and remediate policy anomalies (shadow and redundant policies, generalizations and correlations)

Identify and optimize overly permissive, unused, and unhit rules

### Proactively resolve network disruptions and optimize user experience

Detect NGFW, software vulnerabilities, and SASE infrastructure issues

Centralized troubleshooting

ADEM for user to application experience

Deviation analysis with automated anomaly detection, correlation and causation

Predict capacity needs for NGFW and SASE

Multi-domain analysis for SASE with Access Analyzer

Available in Essentials (Free version)


Available in Pro (Paid version)


Requires Strata Logging Service (SLS)  
*Pro offering includes SLS*  
*Essentials offering requires purchasing SLS*

Product wide assistance and insights via Copilot  
Automate operations via comprehensive API support

Support and automatic support ticket creation with Strata Cloud Manager Pro

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 **paloalto**  
NETWORKS

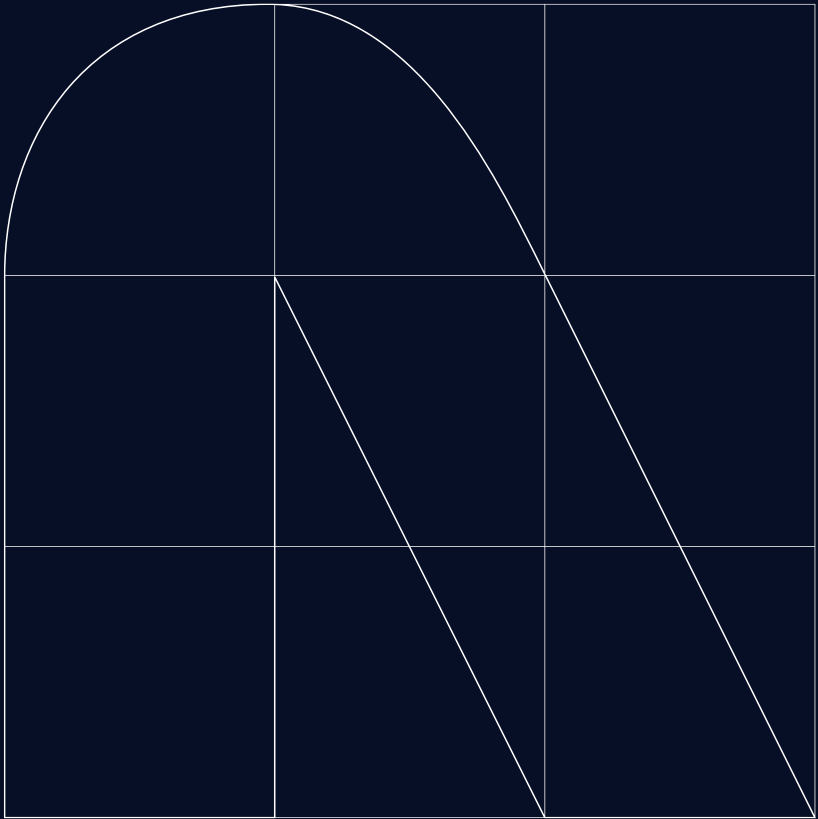
 **STRATA**

# Success Story 2: Key take-aways

- Objectives achieved
- Reduced complexity (keep it simple)
- Future-proof technology
- Further integration ongoing

6

Closing





# Why NTT

01



Proven technology leadership – recognized by industry analysts

02



Track record of helping clients achieve success

03



A partner ecosystem - for your future-state architectures

04



Enabling your sustainability goals

05



Global scale with local knowledge

