



Cybersecurity

Secure by design with
intelligence-driven cybersecurity

As the threat and risk landscape shifts,
**cybersecurity leaders need to be
confident that their cybersecurity
strategy, approach and posture will keep
their business secure and compliant.**

We enable your digital journey with
intelligence-driven security by helping
you to understand, manage and address
your cyber-risks in real-time across an
increasingly hybrid IT environment.

Our approach

Organizations are increasingly moving to cloud-based environments to enable business transformation. Yet as they expand their digital footprint, they also increase their cyber-risk at a time when cyber adversaries are becoming smarter and more efficient in executing attacks.

Our threat intelligence research found attackers are leveraging artificial intelligence and machine learning and investing in the automation of attacks. 21% of malware detected was in the form of a vulnerability scanner, supporting the premise that automation is a key focus point of attackers. In addition, adversaries are taking advantage of the current COVID-19 pandemic by re-purposing their toolsets, deploying new infrastructure and developing innovative campaigns to proactively target vulnerable organizations.

Old vulnerabilities remain active targets as organizations struggle to follow patch management best practices as the number of devices on the network rapidly increases. The challenge is only exacerbated as attackers seek to weaponize the Internet of Things, with a particular focus on industrial environments, such as manufacturing plants and critical infrastructure production and distribution facilities.

While organizations face more sophisticated adversaries, they must also navigate a complex governance, risk and compliance (GRC) landscape where jurisdictions around the world are regularly implementing and enforcing new regulations.

With absolute cybersecurity being an impossible goal, businesses must think about how to effectively deliver security while grappling with complex digital environments, a lack of actionable intelligence and a growing skills and resource gap.

We believe intelligence is inseparable from cybersecurity. Intelligence-driven security can help teams understand where there's a relevant and critical risk to the business, informing decisive, proactive and/or predictive action to protect the business. It enables security leaders to understand their current cybersecurity maturity, develop strategies and roadmaps aligned to business goals and to reach required cybersecurity maturity.

Security intelligence helps leaders make strategic decisions around where and how they should prioritize their security investments, ensuring security is built into and across digital initiatives that are championed by all/any parts of the business, making it easier to understand their compliance posture.

With intelligence-driven security, organizations can address threats in real time to accelerate their digital journey and achieve a clear and demonstrable reduction in cyber-risks.

'An exponentially growing number of cyberattacks increases the **importance of applying cyber threat intelligence** to the security controls at machine speed **and share such intelligence** among stakeholders for better detection and prevention.'

Mihoko Matsubara, Chief Cybersecurity Strategy, NTT Group

We believe in a connected future that is secure by design to help organizations minimize their risk and continue to innovate and grow through digital transformation.

'Secure by design' means being cybersecurity-conscious at all levels of the business. Security is a key tenant of an overall business strategy. The security strategy needs to be aligned to what the business wants to achieve and the businesses' risk tolerance. Secure by design also ensures an intelligence-driven cybersecurity posture that enables organizations to be agile in the face of a changing threat landscape and technology ecosystem. It is built-in security – rather than bolted on – for digital programs.

Services overview

Dynamically adjust your cybersecurity posture to where the risk is, with solutions and services that enable you to identify risks and vulnerabilities sooner and respond to them quicker.

- **Secure networking:** Visibility and dynamic protection across your network.
- **Secure workplace:** Enable employees to work securely, wherever they desire.
- **Secure hybrid cloud:** Protect data and applications across all of your cloud environments.
- **Secure applications:** Drive safe transformation with secure-by-design applications.
- **Secure OT:** Realize the business benefits of IT and OT convergence while managing risk.

Challenges and solutions

Challenge	How our solutions address it
Complex environments	We design security architectures that support modern requirements, including continuous delivery, cloud security, application security, data security, infrastructure and endpoint security, and identity-centric security based on the business/industry/location. We'll ensure you have the right security technologies, tools and skilled resources in place.
Lack of actionable intelligence	Our global pool of security analysts and threat intelligence experts, supported by our Threat Intelligence Center, draw on vast data sets and global intelligence-sharing alliances to help you pre-emptively identify where threats and vulnerabilities are and where they'll emerge from in real-time, so you can make informed risk-management decisions.
An increasing skills and resource gap	We help you understand your current cybersecurity maturity, and develop strategies and road-maps aligned to your business goals. Implement and support secure-by-design digital initiatives with our Technical and Support Services, and continually optimize your security posture with managed security services (MSS).

The NTT advantage

We're focused on your business outcomes as we help you to create an intelligence-driven security posture across your digital business. We can help you wherever you are on your cybersecurity journey, with the skills, expertise and partnerships with all the leading security technology providers you need, where you need them, to support your global footprint and regional presence.

Cybersecurity intelligence is critical to a connected future that's secure by design. With intelligence, businesses can have a predictive, agile and automated security posture aligned to their risk tolerance.

Why NTT?



Support at every stage

We offer the full lifecycle of security services from consulting to technical and support to managed security service.



Deep experience

We have over 2,000 cybersecurity specialists who are certified across multiple vendors, technologies and industry standards.



Advanced capabilities

We have invested USD 100 million in R&D to address market gaps and client security needs now and in the future.



Global presence

We operate in 57 countries around the world, offering in-country support services with local language capabilities.



Together we do great things