



Intelligent Cybersecurity

Secure OT

Realize the business benefits of IT and OT convergence while effectively managing risk

Our Secure OT solution helps you build an agile, risk-aligned cybersecurity posture that covers both IT and OT environments. Our advanced threat intelligence capabilities mean you'll get better visibility of threats and vulnerabilities across your OT and IT infrastructure, so you can identify, protect, detect, respond and recover more effectively.

IT and OT are converging and technology like big data and analytics, cloud computing, IoT, robotics and automation, 3D printing and augmented reality are driving the convergence between these two previously separate worlds. Because of this, businesses are looking to reap the benefits of cyber-physical systems to support their objectives.

Additional risk is introduced as OT systems come online, and there are several assumptions around OT security that can leave organizations vulnerable to attack:

My business needs to move quickly. I can consider OT security later or 'as required'.

Safety, productivity, operational efficiency and profitability are all compromised if you don't build cybersecurity into your IT and OT environments from the start, as you'll be vulnerable to cyberthreats.

OT devices have been working well for years – it's not a priority to patch them and could lead to business disruption if I do.

Basic security hygiene across new and old OT devices, like patching and firmware updates, is essential in order to reduce risk.

My OT network does not need to be segmented from my IT network.

Segmentation is critical to minimize the spread of threats across your IT network and into your OT network, for efficient monitoring of unusual behaviour, and for controlling and preventing unnecessary access.

Security operations do not need to be centralized.

If you don't address security by engaging IT, OT and other relevant stakeholders across your business, it's very likely your cybersecurity posture will have gaps, leaving your business vulnerable.

Improve the visibility of threats and vulnerabilities across your OT and IT infrastructure **enabling you to identify, protect, detect, respond and recover more effectively than before.**

Services overview

We'll help you make security a key tenet of your overall business strategy by creating a security strategy that's aligned to your risk tolerance and business goals.

Next, we'll help you build an intelligence-driven cybersecurity posture. This is a build-in (rather than bolt-on) security solution to your network, data center, cloud, employee and customer experience initiatives. Finally, an integrated security architecture will allow you to be agile in the face of a changing threat landscape and technology ecosystem.

Challenges and solutions

Challenge

How our solution addresses it

Visibility

Get increased visibility across OT and IT environment, including a clear inventory of assets and supporting infrastructure. This clarity will help you drive intelligent decisions across the business.

Misaligned IT and OT functions

Ensure alignment between IT and OT stakeholders on OT security posture and approach.

ROI

A properly segmented security architecture provides higher operational uptime, this, along with a solution supported by professional experts, will help support your team and justify your ROI for security investments.

Business resilience

Get the confidence that you'll be cyber-resilient in the event of a cyberattack by having the ability to respond to and recover from threats and attacks, quickly and effectively.

Clear insights

Through continuous threat intelligence and detection of anomalies, vulnerabilities, known and zero-day threats across the IT and OT environment, you'll gain the intelligence you need to make security decisions that align with business objectives.



The NTT Ltd. advantage

Our secure OT solution helps you reduce risk exposure and the impact of cyberthreats on your business through earlier detection of threats, including unknown and advanced persistent threats. Gain a better understanding of vulnerabilities through a robust security posture, enabling the continuous monitoring of your OT and IT environment. You'll also get an action-oriented roadmap supporting budget and resource allocation.

Get the advantage of NTT's vast data sources, human expertise and proprietary threat intelligence capabilities – **for advanced threat detection analysis across your IT and OT environments.**

Why NTT?



Security skills and expertise: We partner with all of the leading security technology providers, including specialist OT security technology providers, and invest in the security capabilities you need now and in the future.



A global footprint: We can support your global footprint and regional presence, with industry, regional and global insights through our research and experience with more than 4,000 clients.



Extensive cross-technology expertise: We'll deliver technology solutions that have security embedded, so you can be secure by design in order to help you make informed risk-management decisions.



Multitechnology pillar understanding: Leverage our deep understanding of technology that supports the convergence of IT and OT such as networking, data center, public, private and hybrid clouds.

