Incident Response and Forensics

Are you prepared for a security incident?

In today's complex threat landscape no one is immune from cyber attacks and data breaches, and organizations increasingly understand that planning for security incidents is an essential element in their business strategy. Today, how well you respond to an incident has a direct bearing on reputation, share price, and business success.

Incident response planning isn't just about good sense, it is also a requirement of the EU General Data Protection Regulation (GDPR) and the Network and Information Systems Regulations (NIS Regulations). Both regulations require organizations to maintain a high level of information security, report breaches in a timely manner, and explain the steps taken to prevent future attacks.

While incidents are increasing in frequency, businesses are spending more time and money on remediation. And the maturity of incident response varies considerably, with high-performing businesses treating information security breaches as part of their business continuity planning.

Not all incidents are equal

To confidently answer this question, you have to first know that you are under attack by establishing a comprehensive, real-time view of network activity. You can then implement a clear plan for the right remedial action for your business. Not all incidents are equal, so it's important to be able to classify the impact of the incident. This will drive a proportionate response and focus resources to minimize damage and disruption, returning to business as usual as quickly and smoothly as possible.

Good incident response therefore starts with good risk insight and an understanding of your information assets. But this does not necessarily mean spending more on technology.

Organizations can lack clarity around incident response processes, the skills they require in their existing team to manage an incident, and who they would turn to for help in the event of a breach. Furthermore, organizations rarely have spare resources waiting to leap into action when an incident happens, which is why they may seek a trusted partner if the worst happens.

Understanding compliance

It is vital to understand where compliance fits into your incident response processes and have a clear procedure in place to meet your specific obligations for reporting incidents.

We help NTT clients put processes in place to ensure they know when and how to notify law enforcement or specific industry regulators.

This involves establishing policies with other parts of the business affected by a breach. And the introduction of GDPR and NIS Regulations means that organizations now need to notify breaches soon after discovery, along with the measures taken to manage the breach and the steps taken to prevent future incidents from occurring.

Culture and collaboration

A security breach can naturally result in some finger pointing. We are used to having fire drills, but organizations do not always consider the value of using high-visibility exercises such as rapid-response communication drills and table top exercises – simulating potential incidents to improve awareness and define roles and responsibilities beyond the technology teams.

In our experience, these activities heighten the sense of joint responsibility for effective resolution.

Benefits of our Security Incident Response and Forensics

Immediate Response – Threat Detection Incident reporting is used to trigger a team of incident responders

Minimizes impact of incidents – rapid incident identification will significantly limit the impact to your organization

Reduce costs – pre-negotiated rates mean that you will minimize the cost of the incident

Preserve critical evidence – particular care with forensic evidence is essential for law enforcement and legal action

Brand protection – careful management of the incident can substantially reduce brand damage

Meet risk and compliance goals – correct procedures ensure you meet regulatory compliance reporting requirements

Building the right incident response model

Not all companies are mature in their incident response planning and execution. We work with new and existing NTT clients to build a structured plan that clearly articulates the approach, benefits and measures for application risk reduction. But our work does not end here. Our breadth of experienced resources means that we also deliver the plan – only handing back to you when all test criteria are successfully met.

For organizations that understand the value of fast, efficient response, part of the plan can include the use of a specialist incident response team. Armed with a clear understanding of your business and technology infrastructure, this dedicated team would:

- Establish a presence at your organization
- Perform network and host-based forensic investigation into the incident
- Provide incident management capability
- Deliver a summary post-incident report and recommendations

Actions when an incident occurs

Our unique threat detection, advanced analytics, and unrivalled threat intelligence capabilities give you the convenience of being able to engage with one global provider for all your cybersecurity needs. The incident report is used as a trigger for our response services.

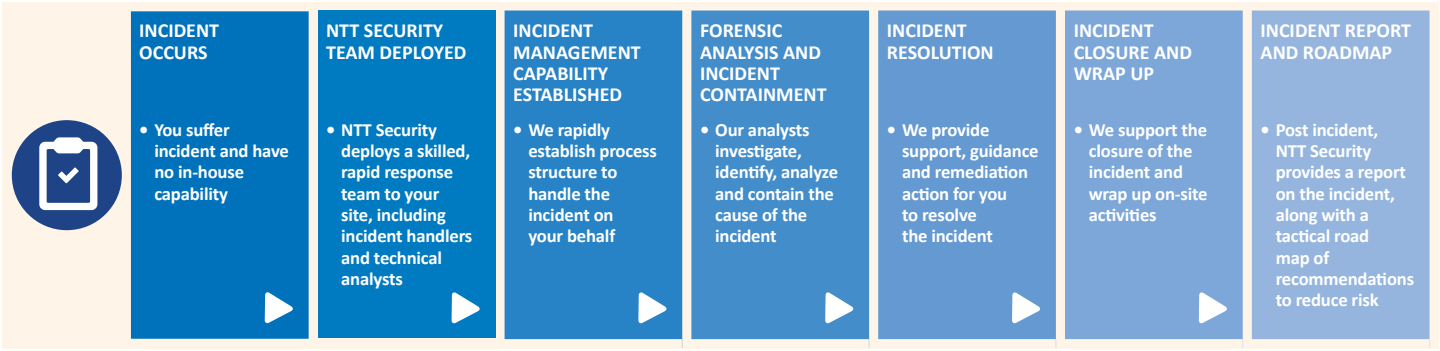
Incident Response can be delivered to you as part of NTT Security's Global Managed Security Services in combination with NTT Security Consulting Services. With many organizations struggling to manage all aspects of cybersecurity in-house, partnering with NTT Security gives you access to our world-class specialist organization and security experts.

Our Managed Security Services provide management of security devices which can act directly to update policies to block an attack. Our Endpoint Detection and Response (EDR) service quarantines affected endpoints to stop further spreading of verified malware.

Managed Security Service clients can also request NTT Security SOC analysts to take further response actions for validated security incidents, where responsibility for network threat containment is passed to the NTT Security SOC. The team will identify threats, contain them and take the appropriate responsive action on each incident to prevent the further progress of the attack.

NTT Security Consulting Services can provide critical security incident response and recovery capabilities in order to help our clients to quickly resolve crisis situations. The service is delivered with a combination of architecture and forensics specialists, acting remotely and/or on-site.

NTT Security Incident Response helps you to minimize the impact and cost of an incident, as well as protecting your valuable data, intelligently adapting to prevent further incidents.



About NTT Security

NTT Security is the specialized security company and the center of excellence in security for NTT Group. NTT Security delivers secure and resilient business solutions to enable clients' digital transformation needs. NTT Security has 10 SOCs, seven R&D centers, over 1,500 security experts and handles hundreds of thousands of security incidents annually across six continents.

NTT Security in the Nordics ensures that resources are used effectively by delivering the right mix of Managed Security Services, Security Consulting Services and Technology Solutions for our clients – making best use of local resources and leveraging our global capabilities. NTT Security is part of the NTT Group (Nippon Telegraph and Telephone Corporation), one of the largest ICT companies in the world. Visit **nttsecurity.com** to learn more about NTT Security or visit **www.ntt.co.jp/index_e.html** to learn more about NTT Group.

For sales enquiries, please visit **nttsecurity.com** or speak to your NTT Security account representative for more information.