Facility Due Diligence

Secure your Operational Resilience with our OT Cybersecurity Assessment

In the high-stakes realm of industrial operations, safeguarding Operational Technology (OT) systems against unique risks is pivotal.

We understand that seemingly high-quality Industrial Control Systems (ICS) assets in field control systems can have significant risks, leading to non-compliance, cost and reputational exposure.

How then, can you begin to defend these assets without knowing what you have in your OT environment, and the risk exposure to your organization?

NCC Group's Facility Due Diligence is the strategic first step in creating a robust, future-proof cybersecurity program by assessing the total cyber hygiene of your OT environment and ability to respond to a significant compromise.

We will help you determine your state of compliance across complex regulatory requirements in key Industrial sectors including:

- Manufacturing
- Power Generation
- Electricity Distribution
- Maritime
- Aviation
- Transportation

By integrating industry-specific risk assessments, highly accredited incident responders and leading Dragos technology, we fortify your posture against disruptions that impact uptime and revenue.

We specialize in cybersecurity **fit for purpose** in industrial operations. Facility Due Diligence is the strategic first step in enhancing the security and resilience of your OT environment.

Baseline

1

Facility Due Diligence helps to get a clear picture of what you have in your OT environment - assessing and organizing your assets. Defend against immediate threats while preparing the ground for enduring security and operational resilience.

Read our blog:
Bridging the gap between OT and IT security

Operationalize

2

You have a clear picture of your environment and security maturity, now you need to implement strong IT and OT risk controls tailored to your operations.

Optimize

3

Fine-tune and secure your operational continuity, making sure your cybersecurity is always up to date and integrated seamlessly into your daily operations.

Technology enabled by: DRAGOS

What are the benefits of Facility Due Diligence?

Asset Visibility & Vulnerability Discovery

Determine what you have within your entire OT estate to identify what you need to protect.

Comprehensive Risk & Architecture Analysis

Build an accurate picture of the cyber hygiene of your full environment to prioritize risks and build a security roadmap.

Regulatory Compliance Assurance

Understand your current state of cyber compliance across your OT environment, with remediation steps to comply with regulatory standards like the Cyber Resilience Act, SOCI and NIS2.

Digital Forensics & Incident Response Readiness

Assess the strength of your internal digital forensics and incident response capability to focus planning and training for significant compromise.

Engagement Timeline

Conduct Architecture Assessment (both IT & OT)

Perform a sector-specific Threat Model using MITRE Framework (Threat Assessment)

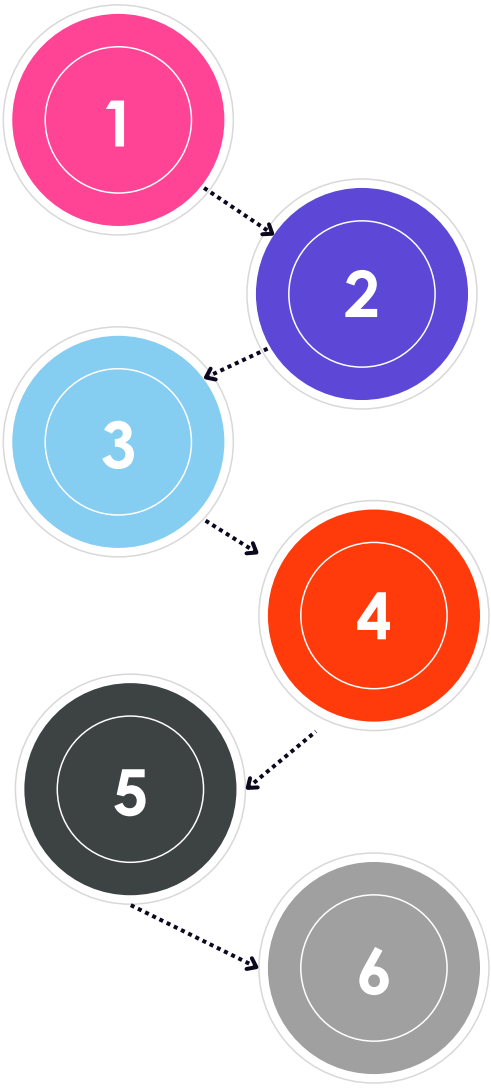
Build Asset Inventory depth

Our consultants will run a 100% "operations safe" passive collection and device level detail via Dragos platform.

Discover OT assets; sample inventory, vulnerabilities and threats - a comprehensive inventory is essential for any monitoring, threat correlation and effective vulnerability management.

OT Forensics Readiness

Determine the ability to provide essential forensics data to support incident response.



Facility walk-thru

Facility tour with client to determine "as-is" and produce documentation

Incident Response diagnostic & Table-top exercise

Perform collaborative conversations with IT and OT Teams to understand internal incident response capabilities

Perform "Intrusion testing" to test as-is security controls

NCC Group's transparent and collaborative OT Penetration Testing Methodology prioritizes safety and reliability, led by real world experienced practitioners to help safeguard operations.

Results

Determine how fit for purpose your current operations are and inform your OT cybersecurity journey with our Facility Due Diligence insights.

Find out:
How we supported Rural Electric Co-operative with Facility Due Diligence

Per Facility Reporting

Detailed outcomes for each facility including:

Architecture Review Report

- Sector specific MITRE Threat model
- Architecture SWOT Report
- Quick Wins, Priority Action Items and
- Strategic Recommendations

Walk-thru "as-is' Report

- A large format notional diagram describing observed "as-is" state of key assets and protective services

Dragos Reporting

- Asset inventory, Vulnerabilities and OT Threats
- Observed IT and OT vulnerabilities at a low technical level with detailed instructions to remedy

Incident Response Tabletop Outcome and Diagnostic Report

- Table-top exercise and Report
- Diagnostic of Ransomware Readiness Capabilities

OT Forensics Readiness Report

- Report the facilities ability to provide essential forensics data to support Incident Response

Strategic Recommendations

Our consultants will deliver an executive readout summarising the engagement outcomes at a strategic level with per facility analysis, peer comparison and priority IT and OT vulnerabilities across the estate.

We will share a comprehensive analysis of security needs, including conformance to best practices and target standards in your strategic roadmap to a more secure operational future.

Considering Facility Due Diligence to determine the cyber risk posture of your operations?

Here are common questions our assessment can help answer:

- What are the reliability and safety risks to my site and facility's operations due to cyber threats?
- What is the current state of my site/facility?
- What are the potential threats I need to consider?
- How do my sites and facilities compare to those of my peers?
- What is the impact of new technologies on a facility in terms of cyber and operational risks?

About NCC Group

NCC Group is a full-spectrum cyber security specialist delivering the expertise and solutions to research and mitigate threats and vulnerabilities and secure citizen services from initial design right through to day-to-day operation.

In the UK, the nation's digital infrastructure and public services are now central to how citizens live, work, learn and play. They are also core to the UK's national security and international success. Which is why we've made it our mission to create a safer, more resilient United Kingdom.

NCC Group partners with public sector organisations to help develop resilient digital solutions where security is an enabler, not a barrier.

We'll help you turn your strategy into real-world services that balance high-trust, proven security measures with intuitive ease of use for citizens. We'll support you with world-class experts who will test and refine your security, systems and infrastructure against both existing and emerging threats.

Ultimately, we provide continuous assurance that the systems, services and infrastructure the country relies upon, are resilient in the face of today's sophisticated cyber security threats. Whether it's national security programmes, digital transformation initiatives or the delivery of local services, we help secure the UK's citizens in the digital world.

NCC Group's Unmatched Capabilities in Public Sector Protection

NCC Group has a number of distinct advantages in the public sector market.

We understand public sector objectives and the challenges in accomplishing them — so we can tailor our solutions to help customers make tangible real-world progress towards their most important outcomes.

We have both depth and breadth of technical capability — from managed detection and response to threat intelligence and cloud services, we NCC Group has a number of distinct advantages in the public sector market.

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