



## OT Security Assessment

### Providing insight into the security of your OT environment

It is not uncommon to have limited insight into the security of your Operational Technology (OT) environment. The OT security assessment answers the question how secure your OT environment is and if it could be hacked, by showing what security issues are present and providing recommendations that improve your cyber security.

### What do we do for you

We provide a comprehensive OT security assessment, which goes beyond looking at individual vulnerabilities. The network architecture and overall security design of your OT environment are also assessed as these are critical defence layers for your OT environment. We look at multiple attack paths into your OT environment based on real world incidents combined with our hacker mindset.

## The 3 key benefits of our OT assessment:

- ✓ **Comprehensive insight into the security state of your OT environment.**
- ✓ **Actionable advice on tactical and strategic level to improve your OT security.**
- ✓ **Hacker mindset combined with OT knowledge supported by threat intel based of real world incidents.**

### Passive vulnerability assessment

- Overview of detected assets
- Identifying vulnerabilities and configuration weaknesses in OT systems
- Identify usage of unsafe remote management protocols
- Identify OT systems that connect directly to the Internet or internal IT systems

### Active vulnerability assessment

- Carefull vulnerability assessment of selected OT systems
- Authenticated vulnerability scans on Windows and Linux based systems

## Effectively ensure the security of your OT environment

You may have limited or no insight into the security of your OT environment(s). At some point you may wonder how secure your OT environments is and if it could be hacked. Due to the IT/OT convergence the old model of the walled (OT) garden is no longer true. In almost any OT environment there are connections, interdependencies and links to the IT environment.

Upcoming regulations like NIS2, or media articles about ransomware impacting production environments, or nation states targeting critical infrastructure all put the spotlight more and more on OT environments.

While (physical) safety is considered from the start of the design for OT environments, security is typically not. Combined with the typical life span of 30 years for OT environments and continues production processes where there is no room for updates and changes, this leads to less secure environments, which could be easily targeted by attackers.

We offer a comprehensive OT security assessment to answer the questions and concerns you may have about the security of your OT environment. We combine our hacker mindset with knowledge about how OT environments operate and combine this with threat intelligence about real world attacks on how OT environments were compromised. We look at realistic attack paths and not only look at individual findings, but also consider the overall security design of your OT environment.

### How it works

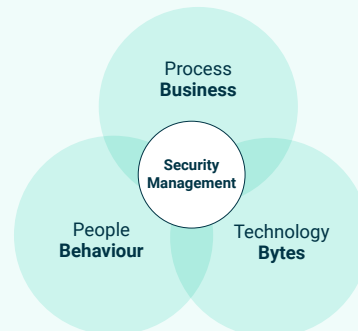
The OT security assessment provides insight in the technical security state of your OT environment. The following activities are part of our OT security assessment:

#### Security architecture review

- Review of the network design based on the Purdue model
- Review of firewall configurations
- Review of Windows Active Directory architecture
- Review of virtualisation platform (optional)
- Review of network switch configurations (optional)

## Your confident security crew

We provide 360° Intelligent Security Operations and unique solutions to specific challenges. Our approach is driven by intelligence, integrating business, bytes, and behaviour to protect your organisation. We are independent by nature and serve as a dedicated extension of your organisation, providing an expert view on every aspect of your cyber security.



By choosing our fully integrated services, you will benefit from improved security, increased time-efficiency and cost-effectiveness, as well as the convenience of working with fewer suppliers.



## We are by your side

Ensuring the safety of your company while achieving your business goals is of utmost importance. We will gladly determine together with you what the best solution for your needs is.