

Is operational technology the weak link in your cyber defence?

When you're converging your IT/OT environments as part of a digital transformation, security is one of the biggest concerns. While there are lots of benefits from convergence, the interconnectedness of systems and the rise of Internet of Things (IoT) devices creates a massive attack surface for cybercriminals to exploit. Our Operational Technology Threat Management service can help you get on top of security. You'll be able to identify and control your connected assets and monitor and detect cyber threats – and respond to them effectively.

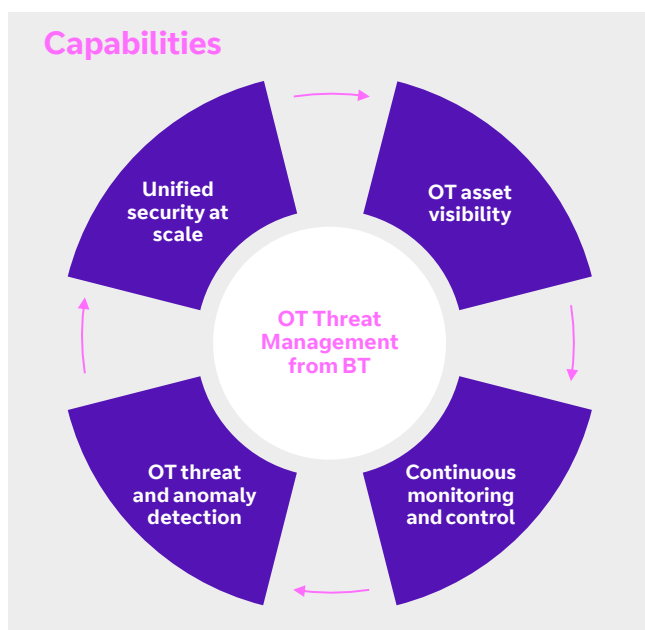
Most businesses have seen Operational Technology and Information Technology develop very separately over the years, so there's little crossover between the two sides – and the gaps in-between provide a rich hunting ground for cyber criminals. More and more organisations understand they need to establish a single, comprehensive enterprise-wide security strategy. But combining IT and OT security isn't simple.

Much of a typical OT infrastructure was never designed with security in mind. Devices can have a lifespan of 20 to 30 years, running old operating systems that are difficult, if not impossible, to patch. And because there are so many different OT standards and protocols, interoperability is a massive challenge.

Add in IoT, and an OT deployment can include millions of active devices, all generating data. This sheer volume can make security detection very challenging.

Operational Technology Threat Management will help you detect and respond to threats to your OT environment.

Our solutions can be integrated into your existing Security Operations Centre (SOC) and Security Incident and Event Management (SIEM) system to give visibility of your OT assets and to detect OT threats.



Product benefits

Protecting against the rise of machines

Our Operational Technology Threat Management service will help you:

- identify, assess and prioritise key threats to your organisation and vulnerabilities in your OT environment
- gain visibility and control over the OT assets connecting to your network
- uncover OT anomalies and threats and put in place mitigations
- get visibility, monitoring and threat detection across your entire estate.



Detect and respond to threats to your Operational Technology environment

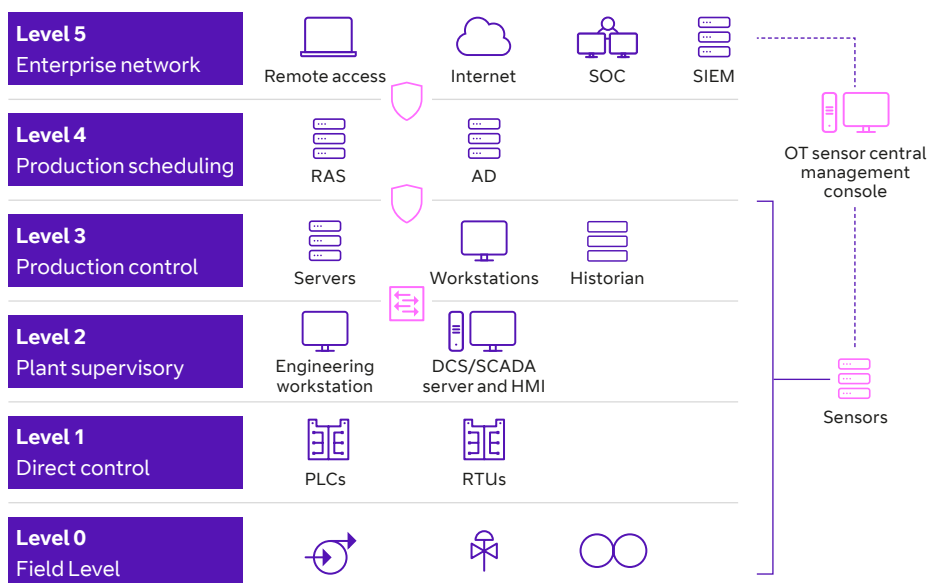
Get visibility and control of your OT assets, and detect and remediate cyber threats by monitoring industrial equipment, assets, processes and events. Operational Technology Threat Management will help mitigate the risk of any security breach from internal and external sources.

Product features

Avoid increased business risk from digital transformation

- Maintain an accurate and up-to-date asset inventory and automatically track your OT and IoT assets.
- Avoid protection blind spots with continuous monitoring of your operational environment.
- Quickly and accurately detect and disrupt threats with a combination of behaviour-based and signature-based threat detection.
- Benefit from centralised monitoring and reporting across your entire estate.
- Scale up and down to meet your needs now and in the future.
- Detect emerging threats and new vulnerabilities using regularly updated threat intelligence.

How it works



Sensors collect all the data from your OT network and feed it into the management console, alerting you to anomalies and threats. This can also be linked to your SIEM and SOC if required.

Why work with us?

Our OT Threat Management service covers solutions from the leading OT security vendors and is designed to be modular so you can choose the level of service you want. We're also:

- a trusted partner delivering cyber security services to nation states and blue-chip organisations for over 70 years
- technically accredited in OT security vendor solutions
- investing in future OT capabilities such as digital twins and automation and orchestration.

OT Threat Management also aligns with our dedicated Digital Manufacturing proposition, combining LAN/WAN, mobility and convergence solutions with a wide portfolio of security controls.

What could Operational Technology Threat Management do for you?

Visit www.bt.com/security

Offices worldwide

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