

Cyber security for operational technology

Protecting your critical infrastructure

Helping organisations manage their operational security risks

BAE Systems is a market leader in securing your operational systems. Our OT Cyber Security Professionals have proven experience in assessing, designing and managing cyber security solutions for some of the world's most complex and mission critical assets. As a global manufacturer and systems integrator, we understand the importance of industrial engineering experience, coupled with the latest cyber security knowledge and products, and apply this expertise to help our customers successfully secure their operational infrastructure.

We deliver:

- Award winning security services and products utilising unrivalled CNI cyber security experience.
- A team of dedicated industrial cyber security experts with professional engineering pedigree and experience.
- Innovative risk management, framework implementation and architecture design compliant with CPNI and IEC62443.
- Cost effective reduction of your cyber threats that delivers improved system integrity, availability and confidentiality.
- Secure interconnectivity of industrial systems, the enterprise and third parties, integrated with security monitoring solutions.
- Targeted awareness training that improves cyber resilience and incident response on your mission critical systems.
- Specialist OT Security Penetration Testing capabilities.

Operational technology

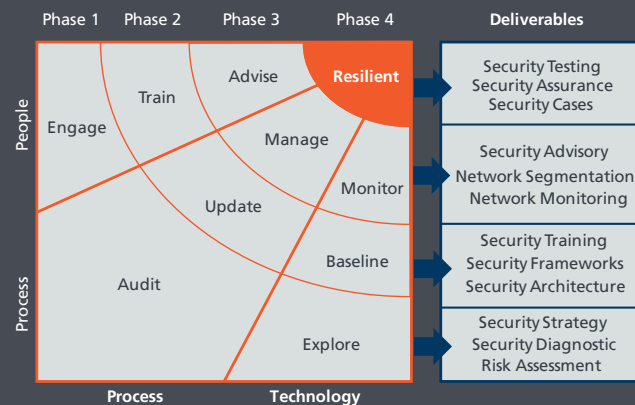
Our dedicated industrial cyber security experts understand the particular challenges of SCADA systems, Industrial Control Systems and other Operational Technology, including the latest threats, business resilience and potential safety impacts.

Managing your risk

We provide a clear and optimised approach to securing safety and mission critical systems, providing security assurance, solution validation and safety case support, underpinned by BAE Systems' products that enable secure information exchange between segmented IT and OT networks for remote supervisory communications, and OT network security monitoring, command and control.

Transformation Mapping

Your journey towards cyber resilient operational infrastructure



How it works

We have a proven framework of targeted market offerings that can be tailored to a specific organisation's needs based on our advanced threat intelligence.

We can help you:

- Understand your threats
- Identify your risks
- Prioritise your investment
- Improve your resilience
- **Security Advisory.** Provides regular access to professional cyber security engineers, with sector specific experience, and current knowledge of OT threats and vulnerabilities.
- **Security Diagnostic.** A quick and cost effective method for assessing the maturity of their people, processes and technology used to ensure safe and secure operation of OT.
- **Risk Assessment.** Provides a detailed risk assessment of an organisation's industrial systems based on current threats using IEC62443 aligned processes.
- **Security Strategy.** Strategic programme management that reduces an organisation's cyber risks using proportionate and cost effective strategic decisions.
- **Security Architecture.** Development of high-level and low-level architecture designs, including recommended security controls, for complete OT security.
- **Security Frameworks.** Delivers people, process and technology policies, processes and guidance that enables an organisation to manage and mitigate their cyber risk.
- **Network Segmentation.** Enabling secure information exchange between the boundaries of the segmented networks so that business processes can operate efficiently.
- **Network Monitoring.** Providing visibility of protocol specific data on OT networks, alerting mis-configurations and cyber events to a central command and control system.
- **Security Testing.** Penetration Testing OT systems to ascertain their security vulnerabilities and assure OT operators that security functions are robust.
- **Security Assurance.** Providing independent OT security assurance and requirements validation to confirm that security requirements have been successfully implemented.
- **Security Training.** Enabling an organisation to manage its own cyber risks in the most cost effective way through the provision of targeted OT training and awareness.
- **Security Cases.** Incorporating the cyber threat into the consideration of safety and resilience in the design and development of an OT system.

BAE Systems, Surrey Research Park, Guildford, Surrey, GU2 7RQ, UK

UK: +44 (0) 1483 816000

E: learn@baesystems.com | W: baesystems.com/businessdefence



[linkedin.com/company/baesystemsai](https://www.linkedin.com/company/baesystemsai)



twitter.com/baesystems_ai