KEY BENEFITS

- Establishes the effectiveness of the current set of security controls to mitigate unacceptable impacts to your business
- Re-invigorates the linkage between the technical and physical vulnerabilities
- Bespoke impact led tailored investigation to suit the business objectives and environment
- Re-prioritises investment decisions in cyber in line with business objectives
- Addresses the real-world vulnerabilities to your business
INTRODUCTION
Businesses are spending an increasing amount of money on cyber security in all areas as part of their overall IT strategy. Is this money well spent? Without relying on compliancy checks it is often difficult for senior managers to assess the effectiveness of the spend. This misses the fact that their IT systems are used in the real world by real people. Do their current controls actually mitigate those vulnerabilities that represent an unacceptable impact to their business?

THALES CYBER VULNERABILITY INVESTIGATION (CVI)
Thales CVI will determine the unacceptable impact to your business based on the value of the assets. It will identify those vulnerabilities that cause the largest impacts based on how the system is ‘actually’ used, not on how it ‘should’ be used. Making recommendations on the implementation of effective and proportional mitigations.

OUR APPROACH
Thales performs an initial scoping stage, followed by a data collection and reporting stage. An attack tree assessment identifies the primary causes of the impacts and their associated vulnerabilities. CVI modules are then selected to uncover those real-world vulnerabilities that could lead to an impact to business objectives and /or business critical systems. Recommendations are developed to reduce or isolate the vulnerabilities preventing unacceptable outcomes. This is delivered in a comprehensive, detailed report, which is presented to the management board.

USE CASES
Thales CVI is specifically designed to be tailored to meet the business objectives, whether it be a bespoke project, department or wider organisational activity. Modules can be selected to address security policy and governance, human factors, Information Assurance and security architecture or assess the business’ Internet footprint.

FUTURE DEVELOPMENT
The CVI methodology is constantly being refined and augmented as their adoption becomes more widespread. This includes the addition of other modules that enhance the outcomes and outputs most valued by our clients.

BUSINESS MODEL
Thales will provide experienced consultants to work with your teams to perform CVI. Engagements will be fixed price according to the size of your environment and the extent of your estate. Contact us for further details, or to request a quotation.

SUMMARY OF SERVICES
- Attack Tree assessment to determine unacceptable impacts to the business and their associated physical and technical causes
- Effectiveness assessment of security policies and governance regime
- CHEAT tool and methodology to assess and mitigate human errors contributing to the insider threat
- Penetration testing and vulnerability remediation to determine the effectiveness of existing controls
- Assessment of internet footprint to determine the external knowledge of staff, systems, and supply chain
- Identification and remediation areas of poor cyber hygiene of extant IT infrastructure

MARKETS AND CUSTOMERS
CVI is applicable across all domains especially those where Industrial Automation and Control Systems are operated such as Critical National Infrastructure (CNI)
Operators of CNI facilities who are more at risk of targeting by cyber attacks will benefit from the CVI. CVI helps customers objectively assess whether they are getting value for money from their investment in Cyber Security Controls

WHY THALES?
- Expertise in Risk Management activities in a number of market sectors, such as rail, nuclear, Defence and automotive industry.
- Thales Cyber Consulting has fully qualified CESG Certified Information Assurance Professionals (CCP) and Information Assurance specialists.
- Experience performing CVIs for UK MOD
- We have a long pedigree in delivering whole life risk management strategies that will enhance the security of your systems and their information.