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SECURE COMMUNICATIONS AND INFORMATION SYSTEMS

CVI

Cyber Vulnerability Investigation

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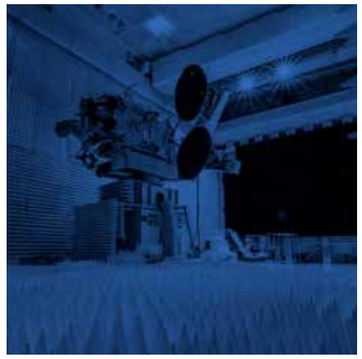

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COULD YOU WITHSTAND A CYBER ATTACK?

How secure are your IT systems? Could you withstand a cyber attack? Are you sure?

There are two ways to answer these questions. One is to wait for an attack to happen. The other is to talk to Thales about a Cyber Vulnerability Investigation (CVI).

UNDERSTANDING THE RISKS

There are many different types of cyber attack and every enterprise has its own risk profile and security requirements. There is no ‘one size fits all’ solution.

An attacker might attempt to steal your data, for example, or interfere with a mission-critical system. Or the attack may come in the form of ‘ransomware’, encrypting your data and denying access until a ransom is paid. Plus, of course, simple human failings can create additional vulnerabilities.

The problem is that cyber systems are almost never isolated. They are interconnected with other systems - often in complicated ways - and it can be difficult to predict the point of entry. That’s why you need an expert and objective assessment by a team that’s active in your industry.

A BESPOKE SERVICE

Our security analysts deal with complexity by treating every investigation as unique, carefully tailoring it to the specific and individual needs of each customer. A CVI by Thales is yours and yours alone.

We’ll show you where you’re vulnerable, what the real-life risks are and what the consequences of a successful attack might be. With that established, we’ll help you to prioritise the areas which need additional protection or procedural changes, so that you can take immediate and effective action.

Although every investigation is unique, our analysts can draw on a range of proven modules including:

- Attack Tree Assessment
- Penetration Testing
- Security Policies & Governance
- Information Assurance
- Internet Footprint Assessment
- Cyber Hygiene Review
- Human Factors Analysis

CYBER VULNERABILITY INVESTIGATION (CVI)

Thales’ unique methodology is based on our CVI experience with MOD and commercial partners helping them identify areas which could be exposed to attack. Its commanders needed to understand where the vulnerabilities lay, the impact that a cyber attack might have on a mission, and what they could do about it. Lives were at risk.

The principles that we developed then, which have been tested in the field, are easily applied to any organisation. It is only the consequences of inaction which vary.

A PRACTICAL APPROACH TO CYBER SECURITY

Thales takes a direct, real-world approach. We look at how your system really works , how it can be compromised and what the consequences of that will be.

Our primary focus is not on unlikely threats which exist only in theory, but on the vulnerabilities which present the easiest and most tempting targets. These are the vulnerabilities which attackers can exploit with the minimum effort for the maximum impact.

OUR CREDENTIALS

Thales is a global manufacturer with a strong UK presence and particular expertise in designing, building and protecting complex systems.

Our cyber security consultants have direct personal experience of risk and compliance activities in nuclear, rail, aviation, defence, government, air traffic management and automotive markets around the world, and have tackled projects large and small.

Coupling our domain expertise with our security expertise ensures that your Cyber Vulnerability Investigation is relevant, realistic, and complete. We can’t tell you when an attack is about to come, but we can make sure that you’re ready for it.

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