

Ransomware Assessment



Why MTI offers this service

Many organisations around the globe fear the devastating consequences of a successful ransomware attack that could cripple their ability to operate.

With ransomware incidents on the rise, organisations need to prepare for a possible incident and test the measures they have in place to counteract the threat before, during and after an attack. MTI has designed the Ransomware Defence Assessment to help gauge your organisation's ability to detect, defend and recover from an attack.



The Service

Our service helps you test and improve your incident response plans and readiness for cyber incidents. It helps to identify and address weaknesses in your organisation's incident response, improve overall readiness and build a more effective incident response plan, team, and function.

The service is designed to evaluate critical elements of response, such as internal and external communication, regulatory reporting, executive decision making and lessons learned.

As ransomware attacks may vary significantly depending upon the individuals or groups conducting the attack, multiple scenarios are available to find the most likely attack paths.

Stage 1: Discovery

A Discovery workshop and documentation review will be conducted to understand:

- Business context, previous incidents.
- Customer incident response policy and plan, teams, and resources available for dealing with incidents.
- Supporting processes such as Business Continuity and Disaster Recover plans, Comms plan.
- Scenario discussion and selection.
- Delivery plan.



Stage 2:

Preparation and planning (per scenario)

- Scenario research – our consultants research attacks that have successfully occurred against other similar organisations.
- Creation of scenario outlines, briefing notes, supporting collateral and facilitator notes for each scenario.

Stage 3:

Exercise Delivery, reporting & recommendations (per scenario)

- Exercise setup.
- Scenario delivery (two consultants, facilitator & observer).
- Conduct washup meeting, collate feedback and document lessons learned.
- Produce and present observations and recommendations report.
- Review simulation approach and revise remaining scenario plans if necessary.

Contact MTI

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Datacentre Modernisation
Data & Cyber Security
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Outcomes & Benefits:

The assessment service delivers the following outcomes:

- Identifies and addresses weaknesses in the organisation's incident response.
- Details how to improve overall readiness.
- Helps to build a more effective incident response plan, team, and function.
- Provides peace of mind by discovering issues and outlining how they can be addressed.



Deliverables

The assessment service provides:

- A formal report summarising observations and recommendations for improving incident response plans and internal processes where appropriate.
- Executive reporting and presentation that make the results accessible to all stakeholders.
- A final written report summarising observations and recommendations from the exercise to improve Cyber Incident Response capabilities and plans.

“MTI have been our cyber security partner for several years. The commercial support they give to allow us to deliver an effective programme of external assurance has been great. Penetration testing engagements are carried out efficiently and to a high standard, with the testers having an impressive range of skills and knowledge. We were particularly impressed with a recent test of one of our web applications where the tester carried out tests which were ‘outside of the box’ and took time to explain the findings.

In a recent engagement, the team adapted well to our feedback over the design and delivery of some exercising scenarios, providing timely responses and changes to enable a successful outcome.”

Josh Evans
Cyber Security Analyst
Anglian Water Services Limited

Why MTI?

A longstanding member of global cyber security bodies, CREST and CHECK, MTI has the security expertise and experience to help you deal with a wide-ranging number of threats and attacks. As one of the first companies to provide penetration testing services, we have developed a wealth of knowledge and skills in the tactics used by malicious users to gain access to corporate networks. This enables us to identify risks to your organisation and outline remediation measures to counter those risks.

Our aim is to provide greater security without sacrificing functionality in any given environment.

MTI has supplied penetration testing services to local and central government, Critical National Infrastructure within the NHS and utilities sectors, the Ministry of Defence, the private sector and companies affiliated with the US Department of Defense.

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