



Ethical hacking services

Detect and identify your vulnerabilities to be protected against cyber threat actors

mazars

Context

Have you ever experienced...



A cryptolocker?



A cyber attack?



A data theft?



An intrusion

Simple solutions exist

The objective is to identify how risks can impact your business



A proper assessment of cyber risks requires deep expertise

Based on cyber intelligence led testing, priorities will be defined with the appropriate investments while ensuring an adequate level of protection.



Mazars supports you in the deployment of effective solutions

Our goal is to support you in the implementation of pragmatic solutions while ensuring a good cost benefit ratio in covering your risks.

Know your adversary

Identify, protect, detect, respond, recover

Are you aware of all the vulnerabilities which your organisation could fall victim to?

In 2019 the National Institute of Standards and Technology (reported the highest ever frequency of vulnerabilities reported (17,311). Almost every organisation has undergone the transition into digitalisation of business operations creating further vectors and vulnerabilities which could be exploited at the hands of a threat actor. The pressure from regulators and stakeholders is a combining factor leading to the rapid implementation of technology within organisations to comply and compete with the ever changing technology landscape.

How we can help?




Mazars has developed a unique approach towards leading-edge services deploying them in a range of complex environments and scenarios.

Using our range of extensive skills in penetration testing services, we are able to replicate the tactics, techniques and procedures of sophisticated attackers to identify vulnerabilities before they can be exploited providing the protection and detection capabilities a organisation requires to repel the next gen vulnerabilities.

Our specialised red team services provides an holistic approach towards threat activity management of an organisation.

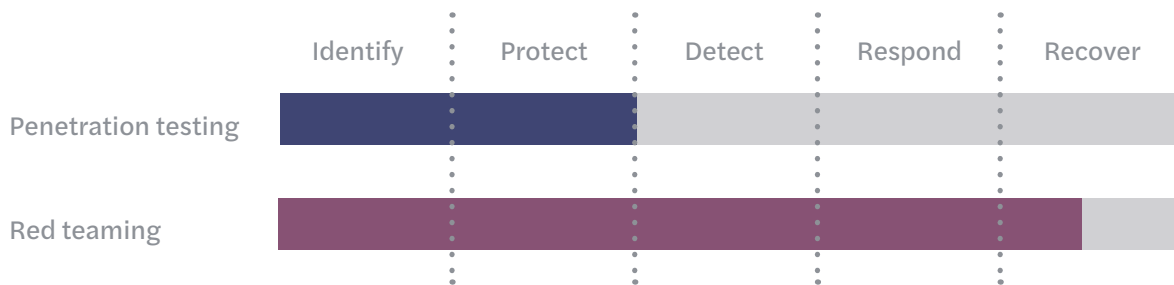
Our services go beyond penetration testing to explore the response and recovery aspects to test your security as a whole by replicating the latest attack Tactics, Techniques and Procedures (TTPs).

Key benefits

-  Reduce attack vectors in your organisation by addressing root cause issues and reduce risk exposure across your organisation.
-  Training of your staff and assessing the effectiveness of people, processes and technology.
-  Assess your effectiveness to detect and respond to current real world cyber attacks.

Our services

Identify, protect, detect, respond, recover



Penetration test

Penetration testing is an attack against a system, network or application designed to identify and measure risk associated with the exploitation of a target's attack surface. Our tactical Penetration Testing services will aid the identification of security vulnerabilities which could be exploited by real world threat actors. We offer a number of different penetration testing services tailored for your specific requirements:

- Internal and external infrastructure penetration testing
- Cloud security assessment
- Web application penetration testing
- Mobile application and device testing
- Network device and build reviews
- Wireless testing
- Code reviews

Red teaming

Red teaming is the process of using Tactics, Techniques and Procedures (TTPs) to emulate a real-world threat with goals of training or measuring the effectiveness of the people, processes, and technology used to defend and environment. Our strategic Red Teaming services encourages the use of the latest tactics used by real world threat actors to aid with the successful delivery of the following bespoke services:

- Physical social engineering
- Red teaming
- Scenario based testing
- Managed phishing services
- Purple teaming (red teaming in association with incident response teams)

Ethical hacking – example



1. Initial reconnaissance

Identification of digital and physical assets as well as leaked credentials and publicly available data on employees.



2. Phishing attack

Weaponisation and delivery of a malicious payload through email to compromise an internal computer and establish a beachhead.



3. Establish foothold

Maintaining persistence by creating stable and reliable backdoors and ensuring remote access.

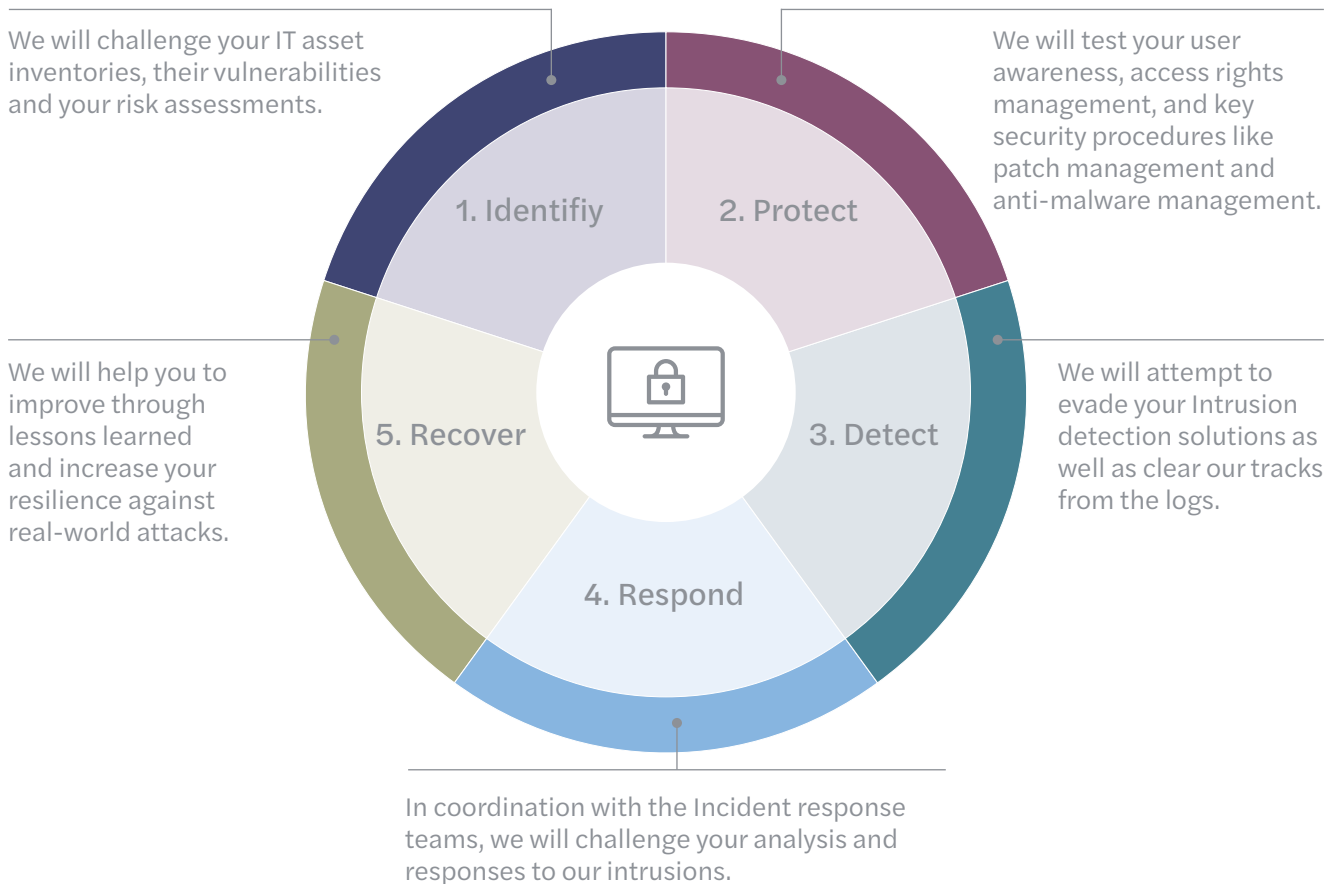


4. Complete mission

Lateral movements and privilege escalation to reach sensitive information.

Our approach

Mazars is a CREST global accredited company for penetration testing services



Why Mazars?



- Mazars has dedicated cyber security teams around the world with more than 150+ experts to support you wherever you are.
- Our experts rely on our integrated global methodology with significant synergies between countries in order to keep up with and ever changing cyber security landscape.
- We are integrating in our methodology and approach best practices, various standards such as OWASP and CREST as well as our own in house methodology.
- Our unique global reach – Operating in over 15 countries to support an integrated service offering across borders. Our clients have access to a full range of cyber security experts including a 24/7 support from our cyber security fusion centres.

Facts

78%

Around three-quarters of businesses say that cyber security is a **high priority** for their organisation's senior management.

60%

Increase since 2018 cyber security breaches or attacks within **large businesses**.

61%

Increase since 2018 cyber security breaches or attacks within **medium businesses**.

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