



# Penetration Testing

Understand your level of resilience against advanced threats and define a roadmap to improve.

**With the increase in technology use, achievement of business goals is improved, although a greater dependency on technology is created. Now, even localized incidents can cause disruption across the whole organization, and this is being leveraged by advanced adversaries.**

## How resilient is your organization to an advanced adversary?

Every year organizations lose millions of dollars in ransoms, business disruptions and lost reputation caused by advanced adversaries. Penetration Testing is a proactive assessment by world-class experts in offensive and defensive security using Microsoft Security Technologies such as Microsoft Defender for Endpoint, Defender for Identity and Defender for Cloud Apps to understand the current level of resiliency against techniques of advanced adversaries, understand current potential impact and define a roadmap to increase resiliency at different timeframes.



With Penetration Testing your company will be able to:

- Understand the level of resiliency against current threats, such as Ransomware, Malicious Insiders and Advanced Persistent Threats and use Microsoft technologies to improve your security such as Microsoft 365 Security.
- Put in place a holistic roadmap for improvement, that includes people, process and technology, to improve resiliency at different timeframes.
- Prevent potential impacts to the organization, including reputation, legal, operation and financials aspects.

## A real-world risks perspective for effective decision making.

- Provides insights on current risks for effective decision making.
- Leaders demonstrate due diligence and ownership of risk.
- A roadmap created by offensive and defensive experts to complement current strategy with Microsoft Technologies.

**Identifies critical projects and where they fit in your strategy.**

## Aligned to your industry regulations

- Insights provide an additional perspective on the effectiveness of controls related to different regulations. Including ISO27001, PCI-DSS, HIPPA, COBIT, NIST, ISO 22301, LFDPPP, GDPR.

**Driven by risk management and aligned to business compliance.**

## Balances investment between risk and potential impact

- Increases ROI, discovers hidden security risks and defines appropriate controls.
- Defines a clear path to success, and how the Microsoft technology fits in.
- Get's everyone on-board!

**Top - down approach, simplifies budgeting and decision making**

***"We have found in Onesec the ideal partner in the field of Cyber Security, they have the experience, offer the right solutions and above all, they know how to satisfy to our needs"***

- Victor Martinez, Cyber Security Manager, Banregio

# Strengthen your Cyber Security strategy and understand your level of resilience against advanced threats in 4 steps.



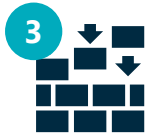
1

- Assess your Cyber Security resiliency against real world threats such as malicious insiders, advanced persistent threats and ransomware.
- Identify security gaps, threatening critical assets supporting the business



2

- Define the root causes for identified security gaps, covering people, process and technology perspective.
- Communicate and gain leadership support



3

- Prioritize on Risk mitigation strategies
- Establish a holistic roadmap for improvement to increase resiliency at different timeframes.



4

- Implement risk mitigation strategies including protection, detection and response measures to increase resiliency.
- Continuously test your defenses to maintain an adequate security strategy against emerging threats.

## Penetration Testing and Microsoft Security & Compliance Solutions

When combined with Microsoft's last generation security, detection and orchestration technologies; Penetration Tests can dramatically decrease your exposure to Cyber Risk:

- Improved detection: Using targeted signals, behavioral monitoring, and machine learning
- Fast response to security events: Closing the gap between detection and action with Azure Sentinel
- Effective protection: Across all endpoints and users with Microsoft Defender capabilities

## Penetration Testing and Microsoft 365 security and compliance solutions:

Threat protection	Security management	Identity and access Management	Information Protection
Response	Operations	Prevention	Protection
Microsoft Defender for Identity Microsoft Defender for Endpoint Defender for Office Microsoft Defender Threat Intelligence Defender for Cloud App Microsoft Defender for Cloud	Microsoft Defender for Cloud Microsoft Defender for Endpoint Microsoft Secure Score Card	Azure Active Directory Defender for Cloud App Windows Hello Windows Credential Guard Microsoft Entra	Microsoft Information Protection Microsoft Priva Defender for Cloud App Endpoint Manager BitLocker Microsoft PureView

## Why Onesec?

Onesec is a leader in the field of Cyber Security advisory services and solutions. Our team is formed by security experts certified with the highest specialties of World recognized organizations such as SANS Institute, Offensive Security, (ISC)<sup>2</sup> and ISACA, with expertise in various industries. We develop our intellectual property, leveraged with technologies from business partners such as Microsoft, Check Point, Imperva, Infoblox, Tenable (and others), to exceed customer expectations.