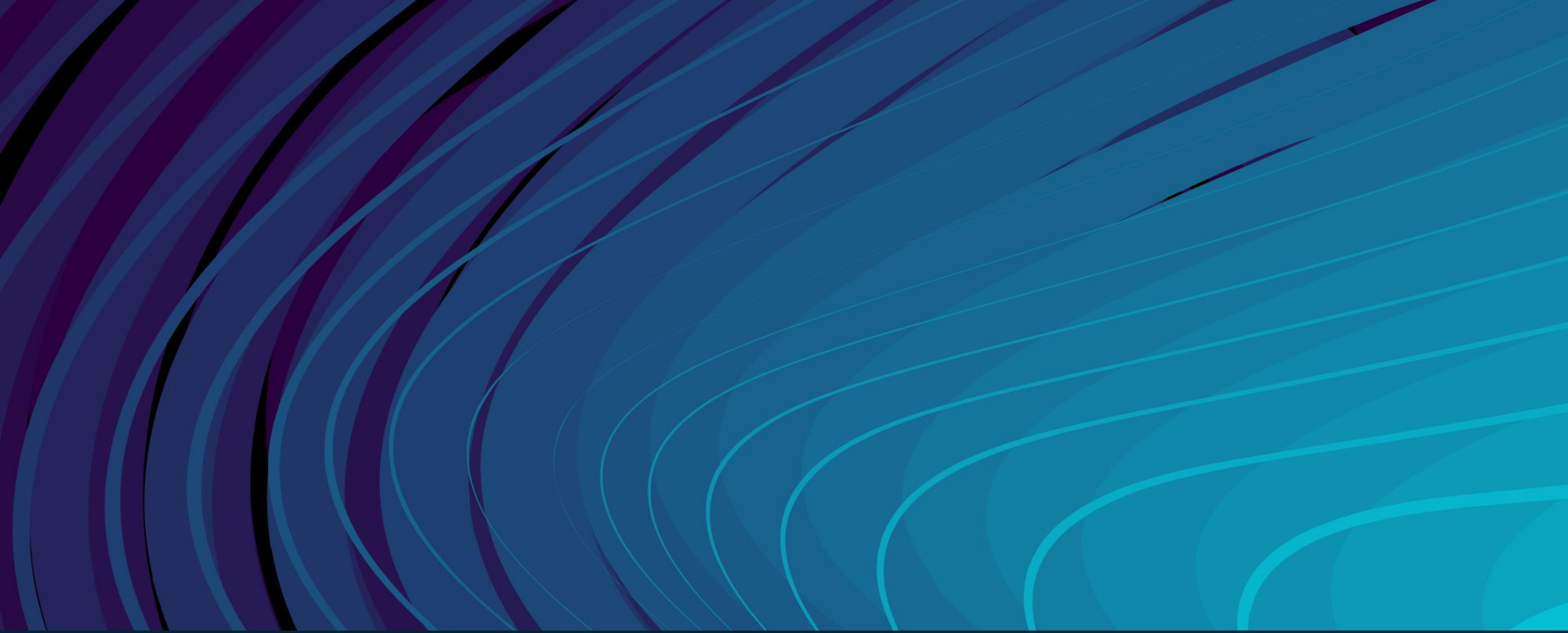




# Microsoft 365 complete security Hardening



15-year proven track record of delivering end-to-end digital transformation, harnessing data insights, and enhancing ROI for global clients.

# Who We Are

AVASOFT is a leading digital transformation strategy company that offers enterprises a holistic, product-centric approach to digital transformation by combining strategic planning with a proprietary AI-powered implementation methodology.

With over 15+ years of experience and a team of more than 1,000 technologists, we are committed to harnessing bleeding-edge technologies to provide all our clients with maximum ROI from their technology platforms.

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**1,500+**

Team members  
world-wide

## Locations

Ireland | USA | Canada | India

# What you get with this Microsoft 365 complete security Hardening

- Are your digital assets truly protected in the ever-evolving landscape of cybersecurity threats?.
- **Thorough Evaluation** : Comprehensive assessment of Microsoft 365 environment.
- Examination of Defender, Exchange, Azure AD, Intune, SharePoint, Teams, and Purview.
- Identification of security gaps in infrastructure, configurations, access controls, and data handling
- Focus on critical vulnerabilities.
- Alignment with your business objectives.
- Recommendations for quick mitigation.



## Comprehensive Protection

- Ensure holistic security across all Microsoft 365 components.
- Cover endpoints, email, identity, applications, and data.
- Minimize vulnerabilities in infrastructure, configurations, and access controls.



## Personalized Guidance

- Receive tailored recommendations based on thorough evaluations.
- Mitigate critical vulnerabilities aligned with your business goals.
- Optimize security measures for your specific organizational needs



## Informed Decision Making

- Gain actionable insights from detailed reports.
- Make informed decisions to strengthen defenses effectively.
- Protect your Microsoft 365 environment against evolving threats with confidence.

## Our eccentric features of

# Microsoft 365 Complete Security Hardening

Find the most recent stats below:

- **87%:** Percentage of organizations that reported experiencing a security incident due to misconfigured cloud settings or inadequate access controls (Microsoft, 2023).
- **\$4.24 million:** Average total cost of a data breach globally, with cloud-related breaches contributing significantly to the overall cost (Ponemon Institute, 2022).
- **95%:** Predicted proportion of cloud security incidents attributed to customer misconfigurations by 2025, indicating an increasing risk factor for organizations (Forrester Research).



### Unified Management Console

- Centralized interface for managing security across all Microsoft 365 components.
- Simplified administration, monitoring, and enforcement of security policies.



### Advanced Threat Detection and Response

- Integrated threat intelligence and machine learning for proactive threat detection.
- Real-time identification and mitigation of sophisticated cyber threats.



### Comprehensive Compliance and Governance

- Implementation of robust compliance policies and governance frameworks.
- Continuous monitoring and auditing to meet regulatory requirements.
- Data classification, encryption, and access controls for enhanced data protection and risk mitigation

# Implementation Scope - Base line Security Hardening for Microsoft 365



## Defender

- Anti-Phishing policies
- Antispam Policies
- Anti-Malware



## Exchange

- Transport Rules
- Retention Policy
- Anti-Spam Policies



## Entra ID

- Conditional Access
- Password Policy
- Risky user sign-in



## Intune

- Device Compliance Policies
- Device Configuration Policy
- App Protection Policy (MAM)
- Conditional Access Policy



## SharePoint

- File Restriction policy
- Data loss prevention policy



## Purview

- DLP Policy
- Data Life cycle management
- Communication Compliance

# Implementation Scope for Microsoft 365 Complete Security Hardening



## Application Security Assessment

- Evaluate security configurations and access controls for custom applications integrated with Microsoft 365 services to identify vulnerabilities and mitigate risks.



## Insider Threat Detection

- Review monitoring capabilities and policies to detect and respond to insider threats, including unauthorized access and data exfiltration attempts.



## Compliance and Governance Assessment

- Assess compliance with industry regulations and data protection standards (e.g., GDPR, HIPAA) across all Microsoft 365 components, including Purview for data governance.



## Cloud Security Architecture

- Evaluate Review overall cloud security architecture and configurations to identify gaps, ensure defense in depth, and align security controls with business objectives and compliance requirements.



## Incident Response Readiness

- Assess readiness to respond to security incidents, including incident detection, response procedures, and post-incident analysis across all Microsoft 365 services.



## Data Privacy and Confidentiality

- Review data handling practices and encryption measures across Microsoft 365 services to ensure the privacy and confidentiality of sensitive information

# How we do – Microsoft 365 Security Hardening

## Phases - Assessment

1



### Define

- AVASOFT defines goals and business requirements for robust cyber defense.
- We focus on understanding your needs and essential response functionalities.

2



### Design

- **Solution Architecture**: We define the Proposed security architecture for the organization
- **Customization**: Configure features and policies based on your specific needs and security posture

3



### Development

- **Secure Testing Environment**: Create a replica of your application environment for controlled testing and deployment
- **Rigorous Testing**: Perform thorough testing to validate functionality, identity potential issues and customize performance

4



### Deployment

- **Pilot Rollout**: Implement the policies for a small group of pilot users from the organization
- **Continuous Monitoring**: Monitoring the performance, Identity and address the issues faced and ensure the ongoing effectiveness.





**Thank You**