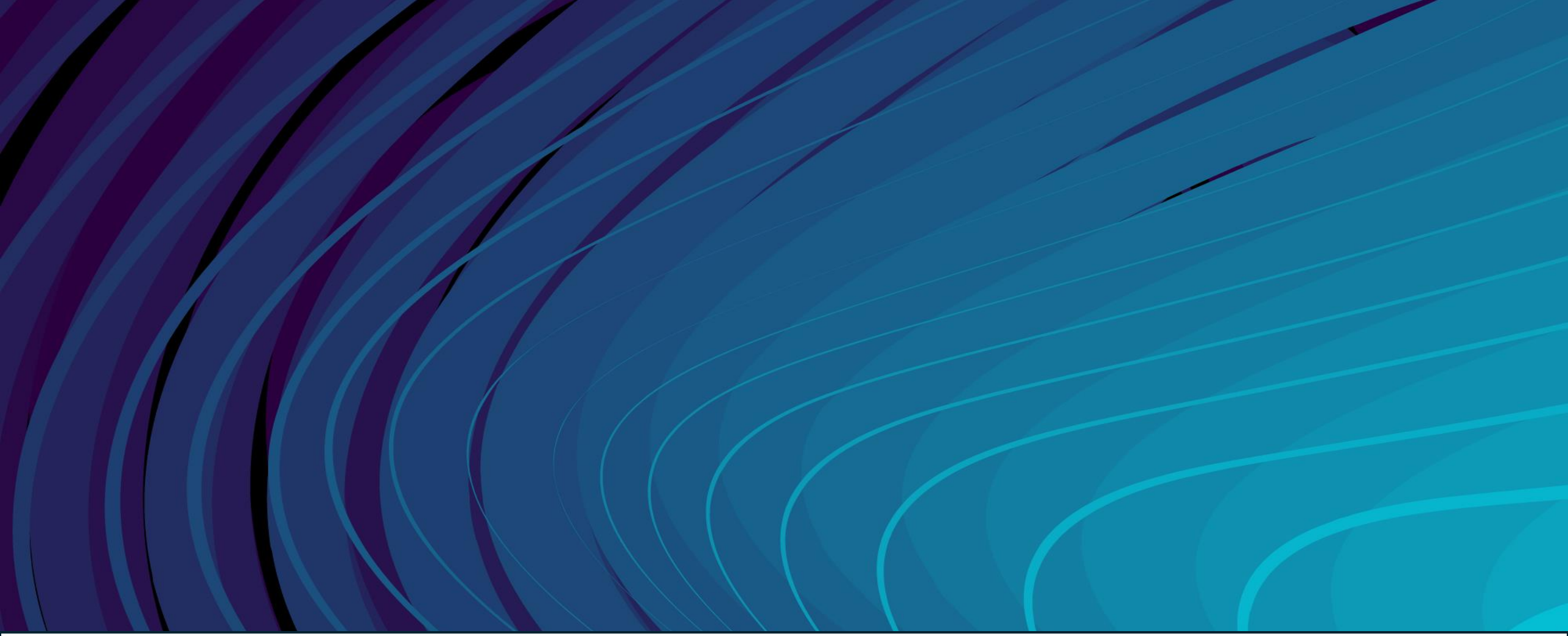
AVASOFT
SHAPING NEXT GEN

Microsoft Cloud Application Security Implementation for Custom Apps



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.

1,500+

Team members world-wide

Locations

Ireland | USA | Canada | India

What you get with this

Microsoft Cloud Application Security Implementation for Custom Apps

- Is your organization's data truly secure in the cloud, or are hidden vulnerabilities putting you at risk?
- Thorough Evaluation: We thoroughly evaluate your Microsoft Cloud apps for security gaps in infrastructure, configurations, access controls, and data handling.
- Tailored Recommendations: Get personalized guidance on critical vulnerabilities for quick mitigation, aligning with your business goals.
- Actionable Insights: Receive detailed reports enabling informed decisions to strengthen defenses and protect your Microsoft Cloud apps.

Real-Time Monitoring

Benefit from continuous visibility into cloud usage and proactive threat detection, courtesy of our Microsoft Cloud Application Security solution.

Enhanced Security

Strengthen the security posture of your custom applications with advanced features provided by MCAS, ensuring protection against evolving threats.

Threat Intelligence

Access advanced threat intelligence and analytics to identify and respond to potential security threats promptly, minimizing the impact of cyber attacks

Our eccentric features of

Microsoft Cloud Application Security Implementation for Custom Apps

Find the most recent stats below:

- **73%:** Proportion of cloud breaches due to misconfigured security settings or inadequate access controls (Verizon, 2023).
- **$3.92 million:** Average total cost of a data breach globally (IBM Security, 2021).
- **99%:** Predicted proportion of cloud security failures attributed to customer misconfigurations by 2025 (Gartner).

Continuous Monitoring

Continuously monitor your cloud applications in real-time, promptly detecting and responding to security incidents to mitigate potential damage.

Advanced Threat Intelligence:

Leverage cutting-edge threat intelligence capabilities to stay ahead of emerging cyber threats and proactively protect your organization's data.

Access Control Management:

Implement granular access controls to ensure that only authorized users have access to your cloud applications, reducing the risk of unauthorized access and data breaches.

Implementation Scope – Microsoft Cloud Application Security implementation for Custom Apps

Real-Time Threat Detection

- Swiftly detect and address any unusual activities occurring within cloud applications.
- Proactive strategies ensure prompt resolution of potential security risks

Policy Enforcement

- Leverage role-based access controls (RBAC) to precisely assign privileges.
- Instantly receive notifications for policy breaches, prompting swift responses to rectify any violations and enhance security measures.

Shadow IT Discovery

- Detect and evaluate unapproved cloud applications and services.
- Gain comprehensive insight into the organization's shadow IT usage.

Conditional Access

- Configuration of conditional access policies to control access to organizational resources based on specific conditions, such as user location, device compliance, or authentication strength

Security Monitoring and Logging

- Monitor user interactions and system events.
- Review logs to detect security incidents.
- Get instant alerts and notifications for suspicious activities..

Integrated Security Controls

- Integrate seamlessly with Microsoft and third-party security solutions.
- Centralize the management of security.
- Streamline security operations effectively..

How we do – Microsoft Cloud Application Security Implementation for Custom Apps

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
- **MCAS Configuration :** Implement the customized security plan within the testing environment
- **Rigorous Testing** : Perform thorough testing to validate functionality, identity potential issues and customize performance

4

Deployment

- **Pilot Rollout :** Implement MCAS for small group of pilot users form the organization
- **Continuous Monitoring:** Monito ring the performance, Identity and address the issues faced and ensure the ongoing effectiveness.

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Thank You