



## EMAIL SECURITY SERVICE

*Phishing. Ransomware. Stolen Data.  
They often start with email.*

### The Threat

According to the FBI, Business Email Compromise is the #1 cyber threat facing businesses today. Your email system is one of the likeliest avenues for receiving Ransomware and other serious cyberattacks.



### The Risks

When cyber attackers compromise your email system, they gain access to sensitive information and trade secrets that, if made public, could lead to serious financial consequences, long-term reputational damage, and loss of critical assets. Unfortunately, cyber attackers use email as the entry point to the rest of the enterprise. ***An email vulnerability puts the whole organization at risk.***



### Random Bit Email Security Service

Random Bit's Microsoft Email Security Service is specifically designed to counter these threats by ensuring your cloud-based Microsoft email system is properly secured. Many organizations already have access to the best-in-class tools that Microsoft offers. However, misconfiguration and incomplete implementation of email security leaves you vulnerable to the worst cyber threats active today. Our process and experience allow us to efficiently assess your current system, provide a detailed assessment of gaps, and develop a remediation plan that will put your organization on the path to taking maximum advantage of the security tools Microsoft has to offer. Random Bit will enable you to drastically improve your operational email security processes.

### Our Email Security Service includes:

- Microsoft licensing and deployment
- Privileged Access Management
- Multi-factor Authentication
- Level of Business Process automation through email
- Anti-spam and anti-phishing rules
- Use of Microsoft quarantine
- Auto-forwarding rules
- Automated tools and Advanced Threat Protection
- Security and compliance scores
- Data Loss Prevention
- Internal governance routines necessary to achieve and then maintain a high security posture





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### Key Benefits:

- Obtain a current-state assessment of actual risk and gaps quickly
- Receive a prioritized list of actions to close critical gaps
- Get improved operational capabilities in security and infrastructure
- Gain critical information needed for staffing and budget discussions
- Gain insights into your broader enterprise security capabilities

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### Key Considerations

- **Are you protected by Microsoft's best email security tools?**  
Microsoft's Advanced Threat Protection (ATP) is an industry-leading suite of security tools that provides best-in-class email protection. If your Microsoft 365 email configuration does not include ATP, you are not fully protected. We can assist you in understanding the best licensing options for your organization
- **Are your email security tools optimally configured?**  
Microsoft's email security tools have many options that can be configured based on business needs. Finding the right balance is critical to get the most cyber security benefits.
- **Are you managing privileged access effectively?**  
Privileged access accounts are the key to your entire email system. Properly securing and distributing those accounts is an essential part of email security.
- **Does your working environment promote email security?**  
Employees can access work email from many different devices including corporate computers, mobile devices, and shared and public devices. Ensuring that devices used to access work email are properly secured is an important component of email security.

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### Additional Business Solutions

- Solution development based on a world-class Enterprise Architecture practice
- Governance and Process tuning and streamlining
- Cloud migration, and cloud-native transformation
- Business Modernization Roadmaps
- Enterprise Security and Compliance



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### About Random Bit

Random Bit is a specialty consultancy company that provides technical consulting services in enterprise architecture, information security, cloud transformation, and compliance framework solutions. Random Bit is federally certified as a Women's Business Enterprise and as a Woman Owned Small Business.