

Protecting K-12 with Email Security & SAT 6/25/25



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Growing Threat Landscape

- K-12 Schools are Increasingly Targeted by Cyber Criminals.
- Common threats: Phishing, Ransomware, Email Spoofing.
- Breaches Lead to Data Loss, Disruption of Learning, & Reputational Damage.



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Statistics

- 95-98% Educational Institutions at Risk of Encountering Phishing Attack within the Upcoming 12 to 18 months.
- 82% Reported a Cyber Incident from July 2023 to December 2024, over 9,300 Confirmed Incidents Affecting Approximately 5,000 institutions.



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Why K-12 is a Target

- Limited IT Budgets and Staff, Vast User Base, High Turnover.
- High Volume of Sensitive Student & Faculty Data.
- Staff and Students Unaware it Can Happen to Them.



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Role of Email Security

- Protecting Sensitive Data (Student & Staff Personally Identifiable Information, Financial).
- Defending Against Phishing Attacks, Ransomware, Business Email Compromise.
- Maintaining Operational Continuity.



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Key Email Security Features for Schools

- Address Spam & Unwanted Emails.
- Protect Against Phishing Attacks, Reduce Helpdesk Calls.
- Address Malicious QR Codes & Ransomware in Attachments, such as pdfs, docs, spreadsheets.
- Business Email Continuity & Social Engineering.
- Email encryption.
- 90-Day Continuity.



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Build a Security First Culture

- Shifting Mindset to a Shared Commitment & Ingrained Habit.
- Empowering Everyone to Be Part of the Solution.
- Communication Promoting on 'Wins.'
- Engaging Training for Both Staff & Students.
- Create Awareness using Posters, K-12 Industry, News.



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Key SAT Features for Schools

- Goal: Empower Everyone to Recognize, Avoid, & Report Cyber Threats.
- Compliance: FERPA.
- Interactive Online Modules, Short Videos to Keep Attention, Gamification, Simulated Phishing Campaigns.
- Reduce Cyber Risk & Foster Security-First Culture.



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Benefits of Combining Email Security & SAT for K-12

- Creates Multi-Layered Defense Against Cyber Threats.
- Email Security Addresses it Technically.
- SAT Adds the Human Firewall, for What May Get Passed to Be Identified & Addressed.



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Implementation Roadmap

- Assess Current Security Posture
Identifying Gaps.
- Choose an Email Security Platform.
- Launch SAT for Staff & Students.
- Monitor, Test, & Improve Continuously.



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