

















Reference Card for Education




The IT infrastructure of schools and colleges is often protected by traditional security systems that are unable to address cybersecurity challenges like phishing or advanced malware attacks like ransomware. These institutions also find it difficult to comply with regulations such as the Keeping Children Safe in Education and the General Data Protection Regulation (GDPR). Sophos offers next-gen security solutions that are able to protect against the increasingly sophisticated cyberattacks targeting the education sector and also manage trends such as BYOD and more.

CHALLENGE	SOPHOS PRODUCT	HOW IT HELPS
Phishing Protection	 Sophos Central Email	Pre-Delivery: Email authentication uses a combination of authentication techniques to ensure only legitimate emails from trusted sources enter your inbox.
	 Sophos Intercept X	Post-Delivery: If students/teachers click on a malicious link, root cause analysis tells you which files, processes, and registry keys were hit by malware; Synchronized Security automatically isolates infected endpoints; and Sophos Clean clears up malware.
	 Sophos Phish Threat	Phish Threat helps simulate realistic and challenging phishing attacks. You can also send phishing-style emails to students and teachers alike to test their threat awareness levels enabling you to take action if needed to educate them.
Prevent Exposure to Harmful/ Unproductive Content	 Sophos XG Firewall	Manage student internet access with flexible user/group policy definitions, customizable activities, and block/warn/allow actions. Block inappropriate sites with Sophos URL Filter, including millions of sites across 92 categories, all backed by SophosLabs. Log and dynamically block content matching uploaded keyword libraries and prevent student exposure to harmful content like violence, obscenity, and more. For more information, visit UK Safer Internet Centre .
Unauthorized Disclosure of Student and/or Teacher Data	 Sophos XG Firewall	Policy-based outbound email DLP can automatically encrypt or block/notify when emails leaving the organization contain sensitive data.
	 SafeGuard Encryption	Reduce the risk of disclosure by encrypting personal information about students and teachers.
	 Sophos Mobile	Protects data on mobile devices and includes comprehensive anti-theft and loss prevention. For more information, visit GDPR Compliance .

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BYOD Management	 Sophos Mobile	Manage, secure, configure, and set up traditional and mobile endpoints and ensure uniform security policies regardless of device type or ownership. Container-only management ensures email and data can be protected and controlled without intruding on user privacy.
Unauthorized Data Upload, Unproductive Cloud Apps Access	 Sophos XG Firewall	Prevent students from accessing unproductive apps with XG Firewall's superior app visibility and controls. Get customizable policies for granular control over thousands of apps on your network. With CASB cloud app visibility, identify all the browser apps and cloud services that are in use on your network to identify and control shadow IT and data at risk.
Ransomware Protection	 Sophos Intercept X	Get the most advanced anti-ransomware technology available with CryptoGuard in Intercept X. It combines deep learning expertise and the industry's highest-performing malware detection engine to detect malware that would go unnoticed by conventional anti-malware security.
Anti-Malware Protection	 Sophos Intercept X	Anti-exploit, anti-ransomware and deep learning malware detection protect endpoints from malicious executable code.
	 Sophos XG Firewall	Includes IPS, APT, AV, sandboxing with deep learning, and web protection to monitor and block malware and exploits from accessing any part of your network.
	 Sophos Sandstorm	Keep advanced malware threats off your school network with optional cloud-based next-gen sandbox technology that inspects and blocks executables and documents containing executable content before the file is delivered to the user's device.
	 Sophos Endpoint and Server Protection	Integrate innovative technology like malicious traffic detection with real-time threat intelligence from SophosLabs to help prevent, detect, and remediate threats with ease.
	 Sophos Email Appliance	Works with real-time threat intelligence to detect and block unwanted email at the gateway, while our anti-spam engine catches the rest – including the latest phishing attacks, malicious attachments, and snowshoe spam.
	 Sophos Mobile	Delivers Enterprise Mobility Management (EMM) and security for mobile devices, helping to ensure sensitive data is safe, devices are protected, and users are secure. Sophos Mobile Security for Android provides leading antivirus, ransomware, and unwanted app protection for Android devices.

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Manage Risky Users (Insider Threats)	 Sophos XG Firewall	Get user and app risk analysis reports such as our unique User Threat Quotient or App Risk Score to identify top risk users and apps respectively.
Identity and Access Management	 Sophos XG Firewall	Get next-gen granular control over the applications in use, your users' web surfing, bandwidth allocation, and other network resources with the help of our user identity-based firewall policies and reporting.
Protection from DDoS attacks	 Sophos XG Firewall	Advanced next-gen IPS protects your school's network from DDoS attacks by providing the ultimate network exploit prevention, protection, and performance.

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