

Libraesva for K-12 Education

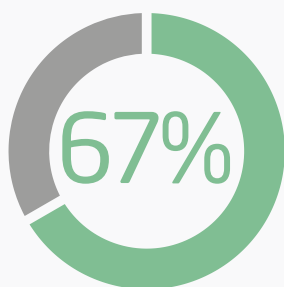
# Layered, AI-driven Email Security for School Districts



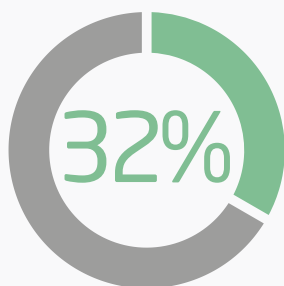
/LIBRAESVA

Protect your students, teachers,  
and staff with Libraesva's  
comprehensive email security  
suite integrated with Google  
Workspace for Education

## K-12 Schools are a Growing Target



**67% of ransomware attacks**  
in education target K-12 schools



**32% engagement rate**  
with vendor email compromise  
attacks in education

**\$3.5m**

**Average cost per data breach**  
in the education sector

# School districts make attractive targets for bad actors. They have thousands of users who aren't cybersecurity experts - students, teachers, and staff who can be tricked into clicking malicious links in one place.

Email threats like credential phishing, ransomware, business email compromise (BEC), and account takeover attacks get past basic email protections. Meanwhile, school IT teams struggle to implement and manage security needs with their growing workloads and shrinking budgets.

**Jacob Vaughan** | Network Administrator, Yelm Community Schools

“Libraesva wasn't just the best product out there, we soon realized that it could do even more for us. The processes that Libraesva employs to maintain security standards and to check and filter emails were pretty remarkable compared to other vendors.”

# What Happens When Built-in Protection Falls Short?

Most K-12 school districts use Google Workspace for Education, which comes standard with basic security features built-in. However, while it's nice to have the basics covered, testing shows potential gaps in protection.

Google's weak spots:

**Limited threat isolation** - basic sandboxing misses advanced threats

**Weak link protection** - time-of-click scanning gets fooled by redirects

**Poor text analysis** - cannot detect social engineering in plain text

**No vendor tracking** - misses supply chain attacks completely

**Basic behavior analysis** - doesn't learn normal communication patterns



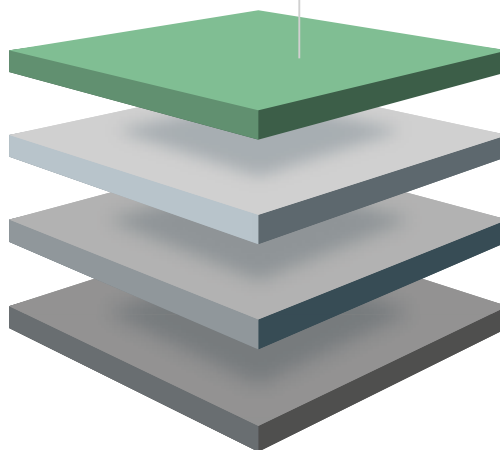
Recent penetration testing shows Google's built-in protections block only 18-56% of simulated threats, leaving schools open to attacks designed specifically for education targets.

The Fix:

## Layered, AI-Driven Defense

Gartner's latest research shows the most effective approach layers Secure Email Gateway technology with Integrated Cloud Email Security (ICES).

Libraesva delivers both in one integrated solution, filtering email at both the Gateway and Google Workspace API layers with AI-driven advanced threat detection.





## Pre-Delivery Gateway Protection

**Multi-engine** scanning blocks known threats and malicious file types

**Attachment sandboxing** stops never-before-seen malware and zero-day attacks

**Active URL protection** provides time-of-click scanning against malicious links

**Spam and bulk email filtering** reduces noise and blocks unwanted messages



## Advanced Threat Protection

**Semantic AI** understands message meaning and flags intent-based deception

**Adaptive Trust AI** dynamically tracks relationships between senders and recipients

**Machine learning** detects impersonation attacks from people you “know”

**Threat Intelligence Engine** identifies and blocks emerging threats

**Authentication** analyzes sender credentials (SPF, DKIM, DMARC) to stop spoofing



## Post-Delivery Protection

**Threat Remediation** automatically removes malicious emails from inboxes

**Account monitoring** detects suspicious login patterns and compromised credentials

**Deep visibility** provides detailed reports on targeted threats

**SIEM integration** enables complete security visibility across systems



## EmailSecurity

### How Does Libraesva Help?

#### Secure Gateway Scanning

**60+ malicious file types blocked** including hard-to-spot nested archives

**Active URL Analysis** tests links when users click for added protection

**Deep document inspection** finds and disables malicious macros and scripts automatically

**PDF protection** scans embedded links and active content for attached files

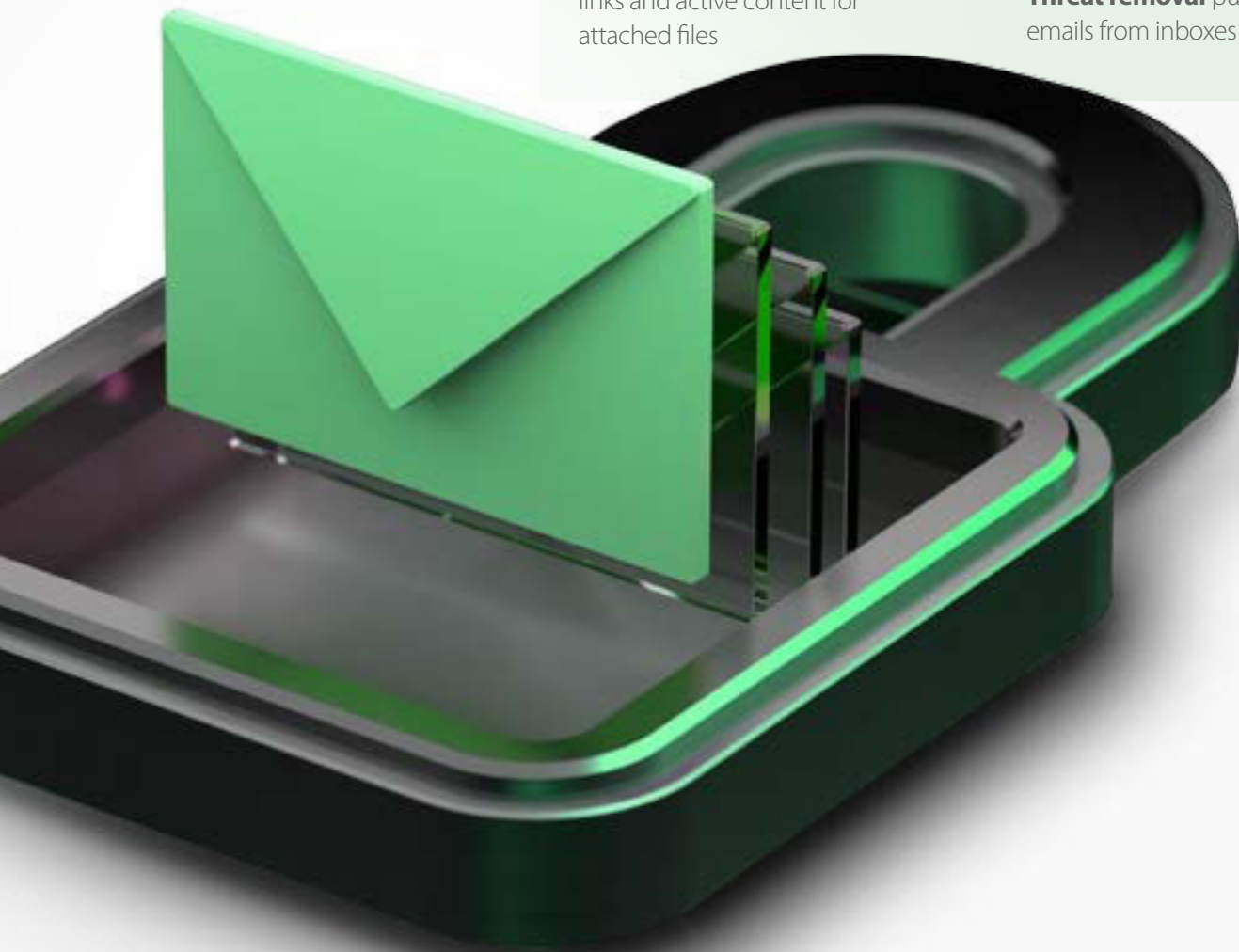
#### Cloud Email Security

**BEC protection** stops impersonation attacks that rely on human relationships

**Trust mapping** tracks relationships between users and vendors to flag abnormalities

**Account monitoring** watches for suspicious login patterns and stops them in their tracks

**Threat removal** pulls malicious emails from inboxes automatically





Email**Archiver**

## Email Archiving

**Family Educational Rights and Privacy Act (FERPA) compliance** with secure data retention

**Legal hold** for records that must be saved in case of future legal proceedings

**Fast search** across all archived communications so you can get what you need quickly



Phish**Brain**

## Security Training

**Phishing simulation** using education-specific threats to ensure your staff is ready

**Just-in-time training** when staff and students need it most

**Behavior tracking** shows improvement over time so you can celebrate wins



Lets**DMARC**

## Domain Protection (DMARC)

**Email authentication** prevents domain spoofing and easy targeting

**Reputation monitoring** protects your school's reputation against threats

**Compliance reporting** ensures regulatory requirements

**Jonathan Maynard** | Director of Technology, Yelm Community Schools

"The visibility of what's coming into our network and what's being done with emails is super impressive – amazing even. We're getting fewer complaints from end-users about spam. The reduction in chatter alone tells me that Libraesva is working."

## K-12 Features You'll Love

### Safeguarding Controls

**Content filtering** blocks inappropriate material (drugs, violence, adult content)

**Auto-flagging** sends concerning communications to safeguarding officers

**Word lists** leverages data from Local Authorities and Police Forces

**Incident reporting** streamlines mandatory reporting

### Student Protection

**Anti-bullying detection** identifies threatening language

**Privacy-first AI** runs locally, zero school data is exposed externally,  
no off-site cloud processing, no third-party risk

**Data protection** meets FERPA requirements for student data

**Age-appropriate filtering** adapts based on grade levels

### Easy Integration

**Google Workspace native** - works with existing setup

**Single sign-on (SSO)** uses existing identity systems

**Zero downtime** - no downtime during installation

**Low maintenance** - set policies once, apply district-wide

## Getting started with Libraesva is fast and easy.

Contact us today for your free trial, start protecting your school's most valuable asset—student, teacher, and staff data.

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[www.libraesva.com](https://www.libraesva.com)

#### About Libraesva

Libraesva is an award-winning email security company, named as Category Leader by GetApp, a Gartner company, and Innovation Leader on the Frost Radar. Libraesva is consistently certified by Virus Bulletin as one of the best email security systems, and is trusted by leading organizations around the world.

#### SOURCES

##### Education Sector Threats:

67% of ransomware attacks target K-12  
Source: 2025 Verizon Data Breach Investigations Report  
\$3.5M average cost per education data breach  
Source: IBM Cost of a Data Breach Report 2024  
42% of education breaches were malware attacks  
Source: 2025 Verizon Data Breach Investigations Report  
32% engagement rate with VEC attacks in education  
Source: Abnormal Security Data

##### Industry Research:

Gartner layered approach recommendations  
Source: "Overcome AI-Powered Attacks by Leveling Up Your Email Security Platform (June 19, 2025)"  
SEG + ICES strategy  
Source: Gartner Critical Capabilities for Email Security Platforms (January 15, 2025)  
Email Security Platform definitions  
Source: Gartner Peer Insights Email Security Platforms