

Cloud Secure Edge

Zero Trust. Every Student. Every Location.

What Is SonicWall Cloud Secure Edge?

SonicWall Cloud Secure Edge (CSE) is a cloud-native Security Service Edge (SSE) platform that consolidates ZTNA, Secure Web Gateway (SWG), CASB, and VPN-as-a-Service into one per-user subscription. No appliances. No controllers. Managed from a single cloud console.

CSE connects seamlessly to existing SonicWall firewalls out of the box — protecting every user, device, and app whether on campus or at home. Per-user licensing keeps budgets predictable and scales with district enrollment. First tunnel live in 15 minutes.

ZTNA / VPNaaS | Secure Web Gateway | CASB | DNS Filtering | Geo-IP Blocking | FW Integration

1 K-12:
#1 Ransomware Target

2 CIPA Compliance

3 Hybrid Learning
Broke the Perimeter

Why Sell CSE to K-12?

K-12 districts face a perfect storm: rising ransomware attacks targeting student records, CIPA compliance reimbursements, and hybrid classrooms that have dissolved the traditional perimeter. Legacy VPNs cannot scale across thousands of devices, cannot filter harmful content, and cannot protect Chromebooks. CSE solves all three — from a single cloud console with no hardware required.

MOST-ATTACKED SECTOR

#1

K-12 leads all verticals in ransomware

AVERAGE COST

\$3.76M

Per K-12 ransomware incident

Key Use Cases

- **Safe Student Browsing at Home**

A student on a district Chromebook navigates toward a flagged site from home. School filtering policies follow the device — blocking the content instantly, just like on campus.

- **Phishing and Malware Prevention**

A teacher clicks a link in a suspicious email. The malicious page is blocked before it loads — stopping a ransomware attempt before it reaches the district network.

- **Secure Remote Teaching Access**

A teacher logs into the student information system from home. Access is verified and limited to only the apps her role requires — no VPN, no help desk call.

- **Secure Access to Student Records**

A school administrator accesses a student enrollment record from home. Access is limited to only the applications her role requires — and every session is logged automatically for FERPA compliance.

Key Benefits

- **Replaces Legacy VPN — In 15 Minutes**

Guided 3-step wizard. First secure VPNaaS tunnel live in 15 minutes. No appliances, no controllers, no complexity.

- **Runs on Every Device K-12 Uses**

Native agents for Chromebook, Windows, macOS, iOS, and Android. Zero endpoint friction for students and staff.

- **Works With Existing SonicWall Firewalls**

No rip-and-replace. SonicWall firewalls connect to CSE out of the box and are managed from a single unified dashboard.

- **Content Filtering Built In — CIPA Ready**

SWG + DNS filtering with category-based, risk-based, and geo-IP blocking satisfies CIPA compliance out of the box.

- **Per-User Subscription = Budget Certainty**

Predictable annual cost that scales with enrollment. Avoids capital budget cycles.

- **Zero Hardware — Built for Lean IT Teams**

No racks, no patching, no controllers. A single IT admin can manage the full district deployment from the cloud.

- **24x7 Support Included on All Tiers**

Every Basic and Advanced SKU includes round-the-clock support. Premier Support and Remote Implementation available as add-ons.

SonicWall, Inc.

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