

## SOLUTION BRIEF

# SonicWall Cloud App Security for G Suite

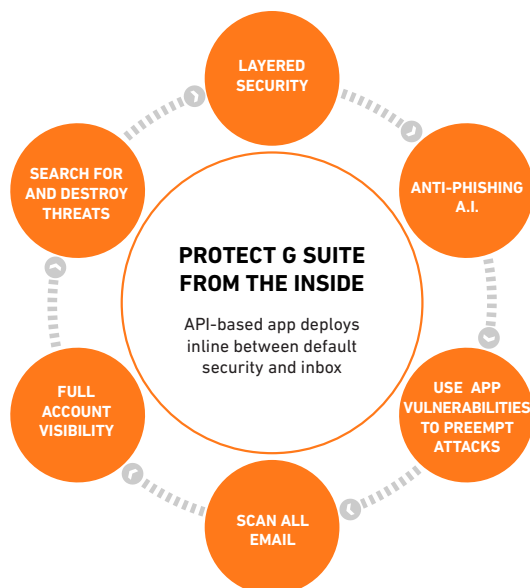
Protect G Suite seamlessly from the inside

SonicWall Cloud App Security (CAS) offers complete, defense-in-depth security for G Suite, whether you use Gmail, Google Drive or the full collaboration environment. CAS delivers comprehensive protection by:

- Scanning every inbound, outbound and internal email for indicators of phishing attacks.
- Preventing malware from spreading within your organization or to your customers and partners.
- Checking every file for malicious content using the most advanced sandboxing and active-content analysis in the industry.

- Quarantining threats before your users download them.
- Identifying confidential information and apply context-aware policies that confine the data to a particular organization or workflow.
- Stopping data leak of PCI, HIPAA, PII or other protected content via enforced DLP workflows and policies.

CAS connects to your G Suite environment via API and scans for threats after Google default filters. It deploys instantly with the only one-click, cloud-enabled platform with no need for a proxy, appliance or endpoint agent.



## EMAIL SECURITY. REINVENTED.

Catch the sophisticated attacks that default and advanced security tools miss while adding an invisible layer of security for cloud-based collaboration suites. A multi-layer, artificially intelligent solution, CAS deploys in minutes and scales across enterprise architectures to prevent the attacks that bypass conventional security solutions.

## CLOUD EMAIL SECURITY

In-line Threat Protection	No emails, links and attachments can reach the inbox until CAS has scanned and determined they are 100% harmless.
Scans all emails	Examines any inbound, outbound and internal emails that Google default security filters miss.
Policy-based Configuration	Provides custom policy workflows to manage threats and run in 3 possible modes – Protect Inline, Detect and Prevent or Monitor Only.
Machine Learning for Anti-Phishing	Employs multiple machine-learning models trained on attacks that evade Office 365 and G-Suite and analyzes over 300 indicators of phishing per message, even when the hackers try to change its characteristics.
Anti-Spoofing	Protects corporate brand and users from email fraud and impersonation attacks.
Brand Impersonation Protection	Detects email that might spoof the domain, images, the language or just the look and feel of the most likely spoofed companies on the internet.
User Impersonation Detection	Knows employees by name and role, making it possible to identify messages that are attempting to impersonate a real person.
Business Email Compromise Detection	Uses multi-factor spoof detection data and advanced contextual analysis for identifying messages that might exploit human nature to reveal confidential information. Tight integration with the inbox makes it possible to interact with the user to second-guess suspicious conversations – “Do you trust this sender?”
Page Emulation Analysis	Goes beyond domain reputation checks and file analysis by examining the pathway and resulting pages to look for phishing design and behavior.
URL rewriting and time-of-click analysis	Blocks malicious URLs before they are delivered to the user’s inbox. It can disarm the URL, making it non-clickable. Then, it replaces the URL with a text warning (“embedded URL removed for security reasons”) and redirects the link to the inspection service for time-of-click analysis protection.
Attachment Sandboxing	Blocks malicious email attachments from reaching your users’ inbox.
Post-delivery Protection	Retracts malicious messages, removing it from the user’s inbox after initial delivery.
Post-detection Alerts	Alerts relevant personnel and products such as an admin, analyst, EDR or SIEM about potential compromises for remediation or recovery.
Forensic Analysis	Shows timeline of steps malware took as it detonated in the SonicWall Capture ATP sandbox. This exportable visualization of advanced malware forensics comes in the form of a bar chart with insights into process, registry, and Network/HTTP events.
Analytics	Monitor every action, including real-time and historical events, made in your SaaS environment.
Reporting Dashboard	CAS custom report queries are flexible and context-based. Search by sender, subject, recipient or attachment name speeds up the pace of a forensic search.
Email-native Education Opportunities	Automated emails alert end users to threats, provide key details into the malicious message and provide a link to further reading about phishing attacks.

## SAAS SECURITY AND ADVANCED THREAT PROTECTION

Account Takeover & Insider Threats Protection	CAS analyzes every user event across multiple SaaS apps, comparing historical behavior, anomalous activity, and profiles of real-world breaches to identify attacks in real time.
Zero-day Malware Protection	Applies SonicWall Capture ATP multi-engine sandboxing to identify new malware variants within seconds and with fewer false positives. Quarantines all threats before users download them while preventing them from being stored and propagated through apps such as Box, Dropbox, OneDrive and G Drive.
Active Form Analysis	If the resulting page includes a form, CAS identifies look-alike content and malicious code. If a page looks like a Microsoft login but the form posts to an unrelated site, CAS prevents the link from reaching the inbox.
Shadow SaaS Monitoring	Identifies risky cloud applications your employees are using in the office or at home that have been connected to your approved SaaS accounts, without redirecting traffic or using a proxy.



## DATA SECURITY

Data Leak Prevention (DLP)	Identifies confidential information and applies context-aware policies that confine the data to a particular organization or work group. Ensures PCI, HIPAA, PII, or other protected content does not leak.
Data Classification	Automates the encryption of emails – whether sent internally or externally – without deploying new infrastructure, using the protocols you already know and trust.
Shadow SaaS Monitoring	Identifies risky cloud applications your employees are using in the office or at home that have been connected to your approved SaaS accounts, without redirecting traffic or using a proxy.

## COMPLIANCE

Compliance Templates	Reduce administrative overhead by using simple compliance templates to meet sensitive data protection requirements for SOX, PCI, HIPAA and GDPR.
Compliance Audit	Access historical event data for retrospective compliance auditing as well as real-time reporting.
Compliance Enforcement	Enforce compliance in real-time with each SaaS to control access permissions, move files, block and edit email, and communicate with both users and administrators.

## About SonicWall

SonicWall delivers Boundless Cybersecurity for the hyper-distributed era and a work reality where everyone is remote, mobile and unsecure. By knowing the unknown, providing real-time visibility and enabling breakthrough economics, SonicWall closes the cybersecurity business gap for enterprises, governments and SMBs worldwide. For more information, visit [sonicwall.com](http://sonicwall.com).

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Refer to our website for additional information.

[sonicwall.com](http://sonicwall.com)



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