



Cloud Security Service

Mobile Security, Advanced Malware Protection, Web Filtering and Integrated Reporting

KEY FEATURES:

- Multi-Layered Malware Defense
- Advanced Threat Prevention
- Granular Policy Management
- Cloud / Hybrid Options
- SSL Traffic Management
- Web Activity Reporting / Alerting
- Threat Isolation

MAIN BENEFITS:

- Multi-Layered Web Security
- Lower TCO
- Centralized Management
- Policy Compliance
- Reduced Legal Risk
- Forensic Security Awareness

Cloud Web Security Service for Today's Organization

ContentKeeper Cloud Security Service provides multi-layered web security for today's distributed, cloud-based organizations without on premise hardware, software and maintenance costs. Its dynamic malware analysis and advanced threat prevention technologies protect users and devices, regardless of location, against web-borne and targeted threats. It seamlessly integrates the following features:

- Mobile device web access control, identification and accountability
- Real-time, high speed SSL inspection, filtering and controls
- Anti-malware predictive file analysis, behavioral analysis and cloud sandboxing
- Granular policy-based domain and social media controls
- Real-time web content classification
- Comprehensive analysis, monitoring and reporting

Advanced Threat Prevention

ContentKeeper Cloud Security Service provides a comprehensive, multi-layered approach to web security. It combines multiple layers of advanced malware identification technologies to provide protection against malware and advanced persistent threats including:

Streaming Malware Defense – high performance signature-based anti-virus with fast, real-time packet inspection. SMD identifies known viruses and spyware.

Predictive Malware Blocking (powered by Cylance) – uses artificial intelligent and machine learning to predict, identify and prevent unknown and advanced malware attacks.

Behavioral Analysis Engine – isolated virtual browser attack evaluation environment. Automatically tests unknown Web files, intelligently assesses the behavior of JavaScript (including obfuscation) and unpacks PDF files looking for any signs of malicious activity.

Cloud Sandbox – a virtualized test computer environment where suspicious samples are executed and analyzed for any signs of malicious behavior. CSB analyses files that pass the previous layers of anti-malware inspection.



ContentKeeper Cloud Security Service

FREE 30 DAY EVALUATION

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Web Filtering

ContentKeeper Cloud Security Service helps ensure policy compliance and enables a safe and productive mobile workforce. Organizations can effectively monitor employees Internet use and protect users from inappropriate or harmful content via a comprehensive website category database, dynamic web content classification and granular social media and application controls. Intelligent SSL inspection allows in depth visibility into secure web traffic for effective policy management and additional malware protection.

Comprehensive Centralized Reporting

ContentKeeper Cloud Security Service provides centralized, comprehensive enterprise-class reporting for web traffic, user activity, policy compliance and malware threats. Management-friendly real-time dashboards and summary and forensic drilldown reports are provided as well as roles-based reporting access, scheduled report generation and automated email delivery or HTML publishing. Real-time, online threat monitoring and alerts help prevent potential individual or organization-wide threats such as bullying, shootings or other malicious plans.

| Key Features | Technical Description | Key Benefits |
|---|--|--|
| Web Filtering | High performance real-time web content inspection. Heuristic, dynamic web content classification. Collaborative global feedback network. Custom URL categories. | Prevent exposure of harmful content to workers. Maintain safe working environment. Acceptable Use Policy monitoring & enforcement. |
| Granular Application / Social Networking Controls | Policy-based access permissions. Application sub-function controls for Google, YouTube, Facebook, Twitter and more. | Control Web 2.0 applications & their specific functions. Safeguard privacy & reduce excessive time-wasting or bandwidth consumption. |
| Anti-Virus / Malware Protection | Proactive malware prevention. Predictive file analysis. Advanced proactive threat analysis sandbox. Isolated threat identification. Active exploit, script detection. Signature-based anti-virus/spyware detection. Forensic malware reporting. | Robust protection against known & new zero-day threats. Confidence & peace of mind that users can browse the web securely on any device in any location. |
| Keyword Detection / Search Controls | Define prohibited custom words & phrases for search engines. Detect & block profanity or threatening language in Facebook chat, Twitter comments, blogs. Detect keywords embedded in documents or files. | Block inappropriate web searches. Take action against inappropriate behavior and harassment. |
| File Controls | Restrict files by type & size. Policy-based permissions. | Block access to inappropriate downloads. Preserve bandwidth. Help safeguard confidential documents. |
| Advanced Reporting & Alerts | Web-based multi-tenancy, multi-user enterprise level reporting. Real-time dashboard, summary & drilldown detail reports. Scheduled reporting & automatic email distribution/publishing. Roles-based access permissions for IT staff & departmental managers. | Monitor policy compliance. Gain meaningful insight into user web activity & security events. Enable key personnel to oversee their area of responsibility & empower managers with valuable information to ensure policy compliance & curb inappropriate behavior. Scalable to support large multi-gigabit network sites. |
| SSL Decryption, Inspection, Controls / Certificate Validation | Full de-coding & filtering of encrypted web traffic. Policy enforcement of SSL credentials. Full and/or selective decryption. Protect, log and report on SSL web activity at multi-gigabit speeds. No client software required. | Full scanning of all web traffic, including HTTPS. Ensures policy compliance. Detection of potentially malicious websites (e.g. Phishing). Control and filter secure web traffic without degrading network performance. |
| Roles-Based Administration & Reporting | Role-based access permissions. Hierarchical policies across multiple offices or domains. Delegated areas of responsibility, local policy ownership. Full configuration & administration auditing. | Establish high-level & local policy settings. Delegate responsibilities to local IT administrators but maintain oversight & control of large scale environments. Complete flexibility to conform to your IT organizational structure. |
| Maintenance | Automated updates & upgrades. | Worry-free administration. Save time & energy. Always up-to-date with latest security & web content classifications. |
| Directory Integration / Username Resolution | Automated synchronization with user authentication directories such as Active Directory, LDAP, Google, Open Directory, SAML, OAUTH. Transparent and end-user client free. | Automatically maintain accurate user identification & policy control. Minimal maintenance & administration. |
| BYOD / Mobile Device Security | Support for iOS/OS X, Windows, Chrome & Android devices. Laptops, tablets, iPads & Smartphone devices. Seamless device registration, authentication and accountability. | Enable mobility & flexible working environments. Safely & efficiently support large scale rollouts of devices & utilize the latest technology & hardware as it becomes available. |
| Cloud / Hybrid / Appliance Deployments | A range of gateway deployment options are available including a cloud or hybrid cloud-based gateway platform based on your requirements. | Choose your preferred IT deployment architecture to best fit your environment & apply web security to all your users everywhere. |



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