

# Streaming Malware Defense

## High-Performance, Signature-Based Anti-Virus Gateway

### KEY FEATURES:

- Multiple Signatures Scanning
- Bi-Directional Real-Time Scanning
- Ransomware Protection
- Threat Isolation
- Web Threat Reporting
- Ultra-High Performance Design

### MAIN BENEFITS:

- Web Threat Protection
- Centralized Management
- Multi-Layered Mobile Security
- Increased Productivity
- Scalability / Reliability
- Forensic Security Awareness

### Eliminate Proxy Based Anti-Virus Bottlenecks

ContentKeeper Streaming Malware Defense (CK-SMD) combines the power of BitDefender and Kaspersky's streaming malware intelligence feeds with ContentKeeper's high speed, scanning and malware defense systems.

### Overview

Traditional Anti-Virus gateways are based on slower proxy based technology where the file or object to be scanned must be spooled in RAM or to disk before any scanning can start. These types of systems must wait for the last packet containing the end of file marker to be received before scanning can begin. This causes delays and network bottlenecks as users browse the web, negatively impacting productivity.

### Why Use ContentKeeper Streaming Malware Defense?

ContentKeeper Streaming Malware Defense is based on ContentKeeper's high speed TurboBridge technology. It utilizes a different set of signatures strings designed to scan data in motion as it flows through the bridge at near wire speed. This real-time approach eliminates Anti-Virus gateway bottlenecks along with end user delays, allowing for greater user satisfaction and major productivity gains.

Signature strings are automatically updated from Kaspersky and BitDefender in near real-time as part of ContentKeeper's patented Closed Loop Collaborative Filtering™ system. Other threats detected by any of ContentKeeper's other multi-layered defense engines are also retrieved and added to the system.

The Streaming Malware Defense is included with the ContentKeeper Secure Internet Gateway and is an add-on module with ContentKeeper's Web Filter Pro. In addition, it is designed to run alongside ContentKeeper's Malware Defense modules.

