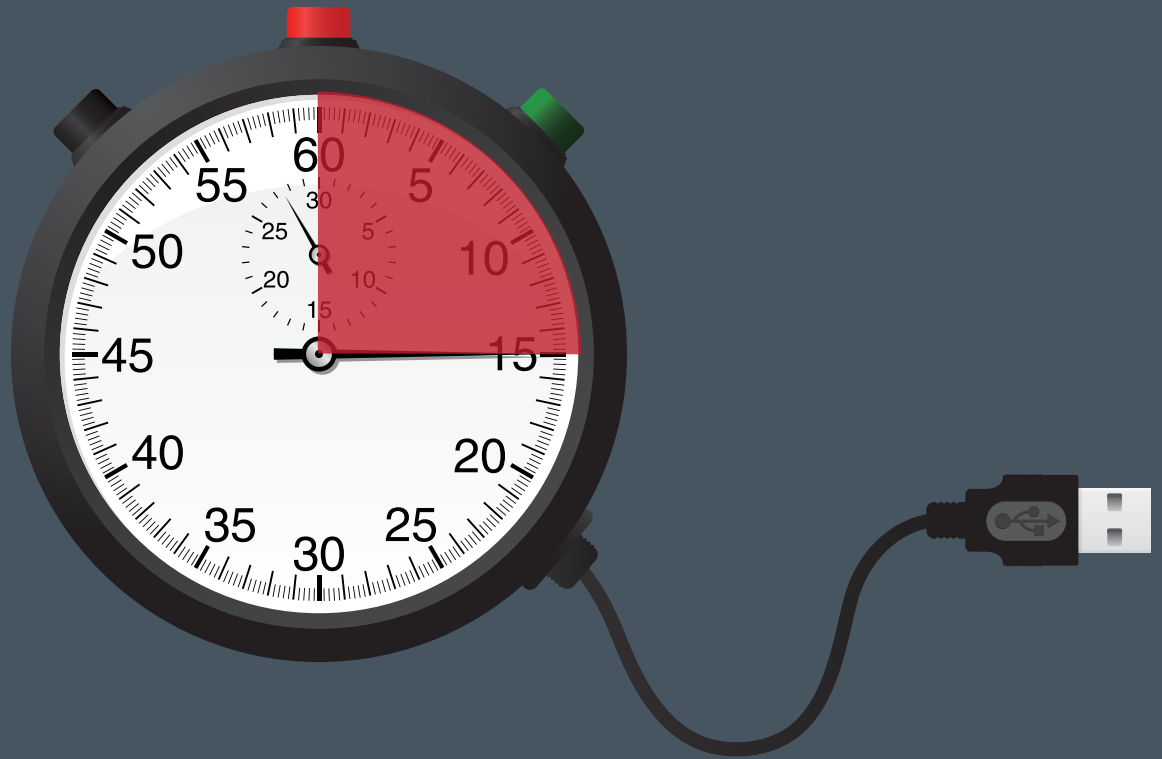


Ipswitch IMail Server with Integrated **commtouch**[®] Zero- Hour Virus Outbreak Protection



Every business and service provider has some form of anti-virus protection in place, yet malware penetration has become commonplace. Virus writers have identified the weak-point of traditional AV engines—the time it takes to develop protection for new viruses—and have exploited it to their advantage by flooding the Internet with thousands of new distinct virus variants simultaneously. These so-called server-side polymorphic viruses have caught businesses and service providers unprotected, and can cause millions of dollars in damage and lost productivity.

This white paper introduces Commtouch Zero-Hour Virus Outbreak Protection (or Zero-Hour AV), an essential complement to traditional anti-virus protection. Based on patented Recurrent Pattern Detection™ technology, Zero-Hour AV blocks hours and even days faster than traditional AV, closing the protection gap against new viruses and virus variants.

Real Security. In Real Time.

What does Commtouch Zero-Hour Virus Outbreak Protection do?

Commtouch provides real-time virus detection to close the early-hour vulnerability gap during which millions of users are infected. Commtouch's proactive virus detection capabilities ensure users' protection hours before signatures are released.

What problems does Commtouch Zero-Hour Virus Outbreak Protection address?

Because viruses no longer act in obvious ways and are designed to evade signature-based AV, the time it takes for new signatures or heuristics to be developed and distributed leaves businesses exposed to emerging threats. This is felt by businesses as:

- Companies getting blacklisted due to zombies on their network sending out spam
- Increased risk of data loss due to malware designed to steal information
- Losses of over \$500 per instance due to PCs and infrastructure crashing or being overloaded by bots and other malware

How does Commtouch Zero-Hour Virus Outbreak Protection work?

Zero Hour Virus Outbreak Protection is enabled by purchasing a subscription.

The service is implemented before any other traditional anti-virus solutions integrated with your IMail Server.

The Commtouch Detection Center analyzes over 2 billion email messages in real time every day and detects email-borne virus outbreaks within minutes of their introduction into the Internet by identifying recurrent patterns.

Email is then categorized with one of the following virus classifications:

- Virus – The message contains characteristics of confirmed malware
- High – High likelihood of message generated by malware
- Medium – Probable threat of malware
- Unknown – Threat for malware could not be determined
- NonVirus – Confirmed that message does not contain malware

Each category can be configured with one of the following actions:

- Reject – A 550 reject message is sent informing the sender if it was a spam action or a virus action.
- Delete – Email is marked as deleted before it is sent to the Queue Manager
- InsertXHeader – The Commtouch classification header is added to the email, and it is delivered
- Move to Mailbox – The email is moved to the mailbox configured in the action
- Forward – The email is forwarded to the email address configured in the action and delivered
- None – No action is taken

What are the key differentiators of Commtouch Zero-Hour Virus Outbreak Protection?

- Detection based on mail pattern, not content, resulting in high catch rates
- Adapts and learns without needing to know what to look for, resulting in faster response to new threats
- Difficult to fool as attacks always have a pattern
- Requires ability to analyze billions of messages from around the world in real time
- Necessary additional layer to traditional AV
 - Traditional AV is great at catching the known
 - Commtouch is great at catching the new and unknown

Summary

Commtouch provides real-time virus detection to close the early-hour vulnerability gap during which millions of users are infected. Commtouch Zero-Hour Virus Outbreak Protection detection capabilities ensure users' protection hours before signatures are released. By proactively scanning the Internet and identifying massive virus outbreaks as soon as they emerge, Commtouch's Zero-Hour Virus Outbreak Protection provides virus blocking that is immediate, effective and signature-independent.

About Ipswitch, Inc.

Ipswitch develops and markets innovative IT software that is easy to learn and use. More than 100 million people worldwide use Ipswitch software to monitor their networks with Ipswitch WhatsUp®, transfer files over the Internet using the market leading Ipswitch WS_FTP® Professional client and Ipswitch WS_FTP Server and communicate via Ipswitch IMail Server.

For product and sales information, visit <http://www.imailserver.com>.

About Commtouch

Commtouch Software Ltd. (NASDAQ: CTCH) is the source of proven messaging and web security technology for scores of security companies and service providers, founded on a unique datacenter-based approach. Commtouch's expertise in building efficient, massive-scale security services has resulted in its patented technology being used to mitigate Internet threats for thousands of organizations and hundreds and millions of users in over 100 countries. Commtouch's Data Centers automatically analyze billions of transactions in real-time to identify new spam, malware and zombie outbreaks as they are initiated. Commtouch's unmatched suite of security offerings - anti-spam, virus detection, reputation and zombie intelligence services - work together in a comprehensive feedback loop. Commtouch was founded in 1991, is headquartered in Netanya, Israel, and has a subsidiary in Sunnyvale, Calif. For more information and real-time statistics and trends, see: <http://www.commtouch.com> and the Commtouch Café blog at: <http://blog.commtouch.com/cafe>.

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