



The Natural Companion To Any Anti-Virus

Zero-Hour™ Virus Outbreak Protection SDK



Today's viruses, worms and Trojan downloaders target the primary weakness in anti-virus technology: the time it takes for new signatures or heuristics to be developed and distributed.

Malware Facts

Capability of massive multi-variant malware

Rate of new distinct variants	100+ / minute
Average variant lifetime	2-3 hours
Typical signature/heuristic delay time	3-10 hours

Server-side polymorphic malware has become impossible for traditional AV engines to block, since there are typically thousands of distinct variants, and malware distributors often release hundreds of new variants per hour.

Commtouch Zero-Hour Virus Outbreak Protection provides a complementary shield to conventional AV technology, protecting in the earliest moments of malware outbreaks, and right through as each new variant emerges.

SIGNATURE-LESS

Commtouch's Zero-Hour Solution is based on Recurrent Pattern Detection™ technology. RPD™ technology identifies viruses based on their unique distribution patterns, with no need for time-consuming signatures to identify suspect messages.

With the Commtouch Zero-Hour solution, security vendors add a new revenue source while improving customer value.

IMMEDIATE

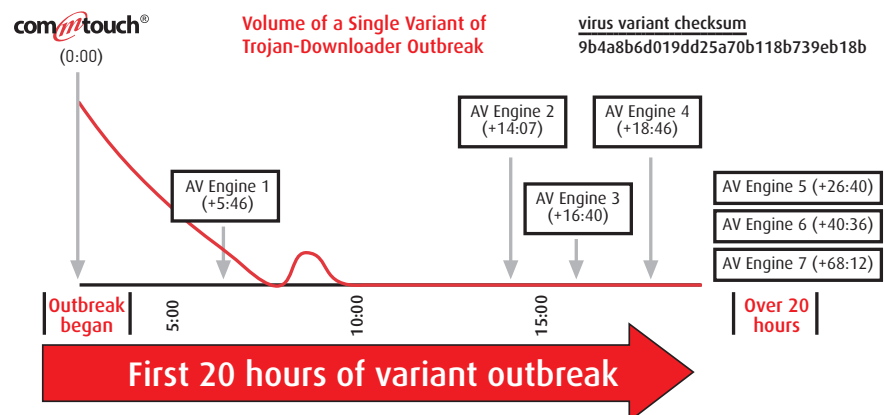
Delivers Real-Time Virus Outbreak Protection for Messaging Security Vendors

- Blocks or delays suspect messages hours before commercial signatures are available
- Shortens the signature-making process, thanks to immediate alerts of new viruses within minutes of their introduction into the Internet
- Differentiates your products and services instantly

PROVEN

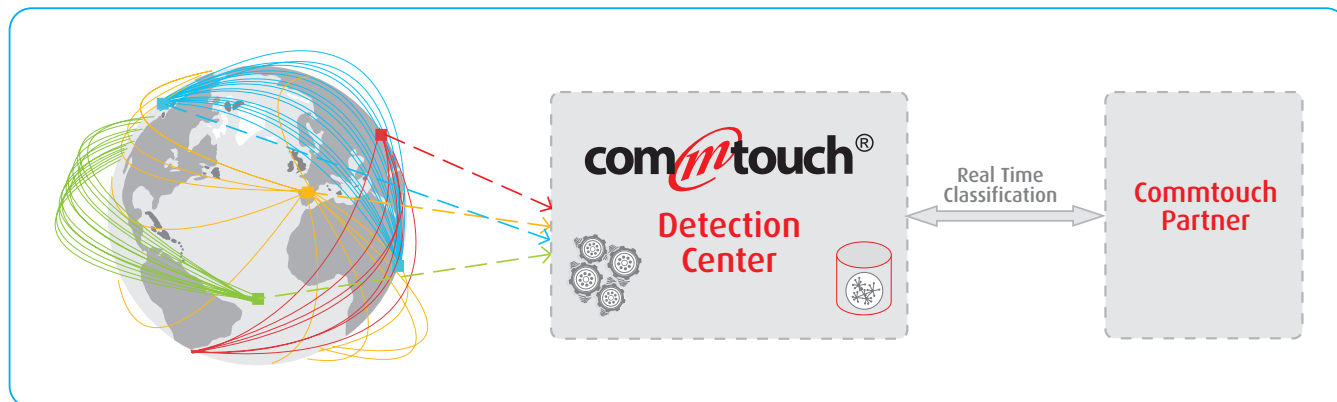
Commtouch email security technologies are:

- Integrated by scores of OEM Partners
- Deployed in 130 countries
- Protecting over 50 Million mailboxes
- Recognized by IDC, Ferris Research, Osterman Research, Virus Bulletin



Recurrent Pattern Detection™ (RPD) Patented Technology – How it Works

The Commtouch Detection Center analyzes enormous amounts of real email traffic over the Internet. By identifying recurrent patterns, it detects massive email outbreaks within minutes of their introduction into the Internet. In addition to the real-time virus classifications they obtain by integrating the Commtouch engine, Commtouch partners can also receive early samples of emerging outbreaks.



Key Benefits

- **Immediate Malware Protection** – Defends against new outbreaks before AV client updates
- **Business Enabling** – No need for broad file-blocking policies. Safe files flow freely, only malicious attachments are blocked.
- **Peace of Mind** – IT managers can relax even when the next big worm attacks

Features and Performance

- Based on market-proven RPD technology
- Fully automated real-time solution – zero human intervention
- Easy integration gets your product to market fast
- Comprehensive SDK (daemon or shared library)
- Supports any version of Linux, FreeBSD, Solaris and Windows
- Very low CPU and Memory load
- Efficient processing: hundreds of messages per second per processor

Commtouch designed its Zero-Hour Solution specifically to meet the technology and business needs of:

- **Anti-Virus Software Vendors** – provide better service by protecting customers from new viruses. Use Commtouch alerts to accelerate signature production.
- **Anti-Spam Vendors** – offer virus outbreak protection as a powerful value-added feature, broadening your offerings and differentiating yourself from competitors.
- **Security Appliance Vendors** – differentiate your solutions in one easy step. With full automation, a tiny footprint and exceptionally easy implementation, the Commtouch solution is a perfect extra layer for any security appliance.
- **Managed Service Providers (MSP)** – join MSPs with millions of users that already rely on the highly scalable Commtouch solution to provide top detection performance to their customers.

Visit us at: www.commtouch.com
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