



Real Security. In Real Time.

# Commtouch Anti-Spam SDK

Integrated by scores of world-leading security vendors and deployed in 130 countries worldwide, Commtouch's OEM Anti-Spam Solution delivers the highest accuracy/detection results, together with real-time blocking of spam in any language or format, including image-based spam.



## REAL-TIME

**"Commtouch's RPD approach detects and blocks spam in the first few minutes of an outbreak, unlike other anti-spam approaches."** - IDC.

Given the phenomenal distribution rates of today's spam, the importance of real-time protection cannot be overestimated. A vulnerability gap of just 10 minutes can significantly reduce performance – so detection speed is essential. Commtouch achieves consistently superior performance thanks to its unique ability to detect spam outbreaks as soon as they emerge, and to block all associated messages in real time.

### Lifecycle of a Typical Spam Mega-Outbreak:

Distribution sources	10,000+
Average attack volume	+100M messages
Average distribution duration	2-3 hours
Result of 10 minutes lag in detection	vast amounts missed spam

## ACCURATE

**"Commtouch has avoided the vicious tradeoff between accuracy and effectiveness."**

Michael Osterman, President  
**Osterman Research**

**"With Commtouch, we are strengthening our leadership position in the broadband and mobile markets and now have a trusted collaborator to deliver an integrated, end-to-end anti-abuse solution for service providers worldwide."**

David Ratner, Vice President of Messaging  
**Openwave**

**"Commtouch's Outbreak Detection, combined with Tumbleweed's threat protection technology, ensures complete protection from increasingly nefarious email attacks."**

John Thielens, CTO  
**Tumbleweed**

## GLOBAL

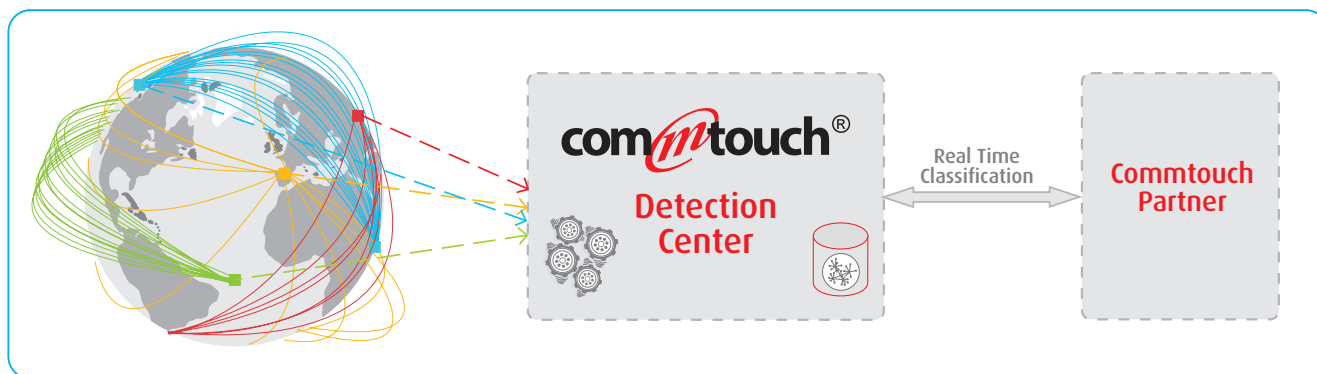
**"We needed a durable, effective spam fighting technology that we could count on in every corner of the globe."** - Marc Linden, SVP & CFO, Mirapoint

The Commtouch solution blocks spam based on its most fundamental characteristic - its mass distribution. This makes it equally effective against all types of spam - in any location, format, content, or language.

- Analyzes billions of messages per week
- Deployed in 130 countries
- Support for double-byte spam detection
- Integrated by Asia's leading security vendors



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



Rather than evaluating the content of messages, the Commtouch Detection Center analyzes large volumes of Internet traffic in real-time. New spam outbreaks are identified by their massive distribution patterns as soon as they emerge, hence the name Recurrent Pattern Detection (RPD).

The Commtouch Engine, integrated by Commtouch partners, queries and retrieves spam classifications from the Commtouch Detection Center in real-time. The result is instant protection from new outbreaks without any lag in updates – hours, or even days, before most solutions.

RPD has demonstrated sustainability over many years, while most other spam filtering methods have grown weaker and weaker. This is not a coincidence: **As long as spammers continue sending email messages in bulk, Commtouch technology will maintain its industry-leading results.**

### Easy Integration and Superior Performance

- Single object integration
- Small footprint
- Comprehensive SDK (daemon or shared library)
- Throughput: Hundreds of messages / sec per single processor
- Minimal bandwidth and CPU requirements
- Easy implementation

### The Industry's Leading Anti-Spam Technology

Commtouch works closely with its technology partners at every stage, from evaluation and testing to integration and ongoing support. The result of many years of close collaboration with vendors and service providers is an exceptionally flexible engine suitable as an anti-spam core or as a complementary layer. Commtouch's Anti-Spam Solution is specifically designed for:

- **Security appliance vendors** – Integrated by multiple appliance vendors, RPD offers the most attractive cost/performance ratio. Featuring superior catch performance, a very small footprint and virtually no maintenance, it is equally effective against spam in any language or location.
- **Security software vendors** – Unsurpassed performance, low maintenance and proven robustness make RPD ideal for packaging with security applications.
- **Anti-spam vendors** – RPD perfectly complements existing anti-spam solutions, since it is entirely different from standard detection approaches.
- **Managed Service Providers (MSPs)** – MSPs with millions of users rely on RPD technology to protect their customers.

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