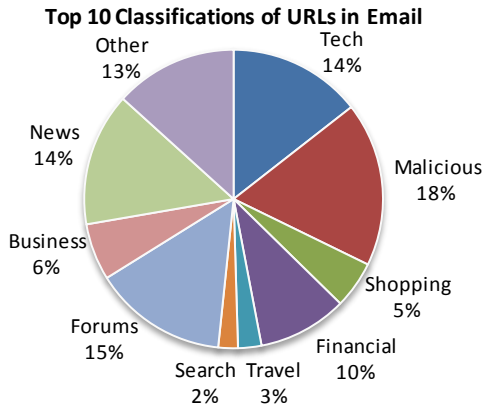
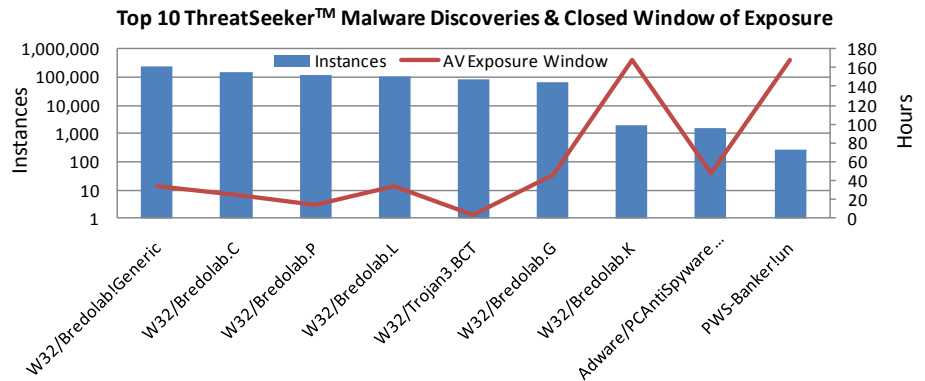


# In The Mail

## Monthly Websense Email Security Threat Brief



**Figure 1: Embedded URLs in Email**  
Understanding how Web URLs in Email are classified is crucial to stopping converged threats



**Figure 2: First to Detect**  
Because of the ThreatSeeker™ Network, our Email Security customers are protected hours, and often days, before other security vendors provide a solution.

### KEY STATS

Threats “in the mail” this month:

- 3.5 billion messages processed by the Hosted Infrastructure (over 114 million per day)
- 87.9% of all email was spam
- 85.3% of spam included an embedded URL
- 1.4 million instances of 46 unique zero-day threats stopped by ThreatSeeker before AV
- 6.9% of spam emails were phishing attacks

How Websense is addressing these threats:

- 99.8% spam detection rate. Websense Hosted Email Security provides 99% spam detection Service Level Agreement.
- Average false positive rate of 1 in 411,254
- 12.1% average daily threats protected using ThreatSeeker intelligence before AV signatures were available

What this means:

- The threat landscape is dangerous and growing more sophisticated.
- Websense is on the forefront of finding these threats including the increasingly pervasive blended threats.
- Most importantly, Websense is ideally positioned to address these threats with our market-leading Web security expertise, which drives our leadership in protecting from converged email & Web 2.0 threats.

## Cyxymu Who?

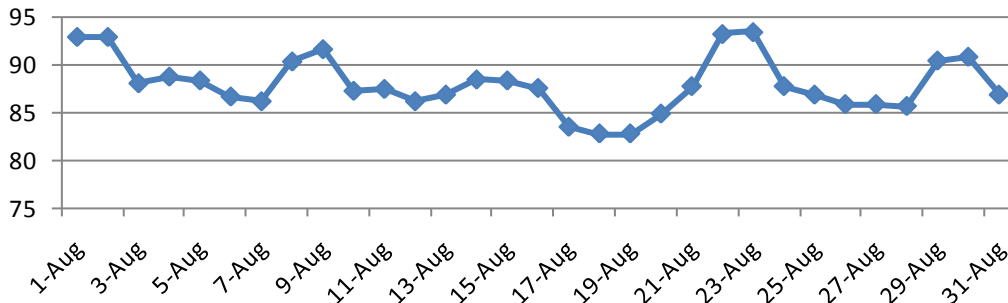
*Monthly Email Trends from the Security Labs*

A massive DDoS attack on several major Web 2.0 sites such as Twitter, Google Blogger, LiveJournal, and Facebook made the headlines this month. [Reports](#) indicate that the attacks were aimed at Cyxymu, a pro-Georgia blogger critical of Russia's policy towards Georgia. Websense detected a related [spam campaign](#) in an apparent attempt by the attackers to discredit Cyxymu.

A [social-engineering penetration test](#) by a security testing organization MicroSolved resulted in the issuance of a [fraud alert](#) by the National Credit Union Administration (NCUA). The security testing company sent a mail package containing a fraudulent letter and two CD-ROMs that was received by a credit union client, who reported it to the NCUA fraud hotline. Similar attacks via email happen daily.

Malicious hackers launched [a fake Microsoft patch malware campaign](#) using spam as the distribution means and timed it to coincide with [Patch Tuesday](#). Whether you are installing new or updating existing software, remember to always get it from the official source. Be wary of intermediaries, and especially links to download directly from email.

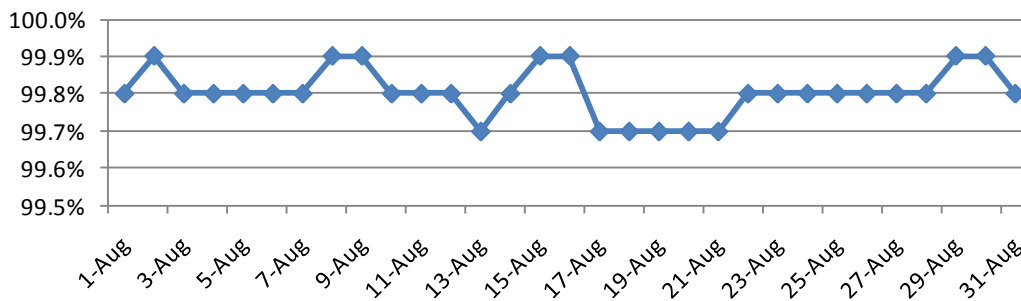
## Spam as a Percent of Inbound Email



**Figure 3 - Percent of email that contains spam (Average 87.9%)**

While this figure fluctuates, this signifies that a very high percentage of incoming email is indeed spam. Without a strong email security solution, customers will experience bandwidth and storage capacity issues, frustration, and a drain in productivity, not to mention exposure to significant security risk.

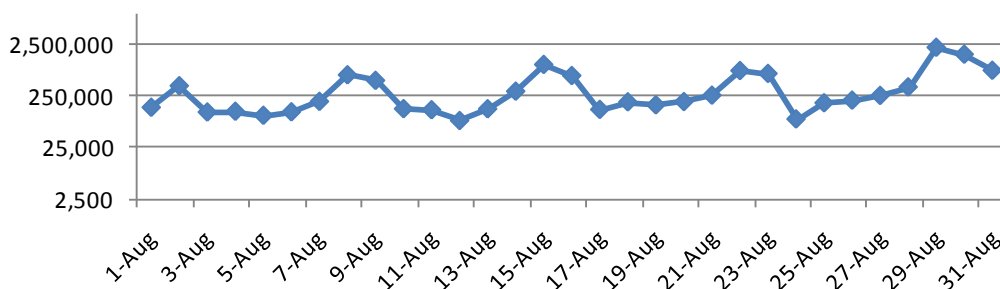
## Spam Detection Rate



**Figure 4 - Percent of spam detected (Average 99.8%)**

This is evidence that we are consistently maintaining a very high spam detection rate. Therefore, customers should be very confident that with Websense they are receiving the best in anti-spam protection.

## False Positive Rate (1 in X)



**Figure 5 - False Positive Rate (Average 1 in 411,254)**

This shows how Websense is consistently maintaining a very low false positive rate. While Websense is catching a high percentage of spam, customers are rarely inhibited by messages falsely landing in a spam queue.

### Why Websense Email Security?

- The Websense ThreatSeeker Network provides the intelligence to proactively protect against spam and malware – far ahead of traditional anti-spam and anti-virus alone.
- Today's pervasive blended threats are best matched by integration of best-in-class Websense Web security with email security for Essential Information Protection.