



GlobalView™ Zombie Intelligence Service



Actionable Data about Internet Threats

Zombies are responsible for almost all of the malicious activity on the Internet today, including sending malware, phishing, and spam outbreaks, as well as participating in DDoS, data theft, click fraud and credit card fraud. When zombies are located within organizations, the threat is enormous: they can cause leakage of sensitive data, disruption of mission critical systems, or significant financial loss. As zombies evolve, they become stealthier and more sophisticated in the way they evade traps and infect new machines. Commtouch GlobalView™ Zombie Intelligence Service provides security vendors with actionable zombie data for integration into a multitude of enterprise and service provider offerings to enable them to block zombie threats.

No One is Immune

Targeted Population	Zombie Threat
Home Users	Identity theft, financial scams
ISPs	Customer dissatisfaction, wasted IT resources due to blocked IPs
Advertising providers	Revenue losses from click fraud
Enterprises	Theft or leakage of sensitive data, Distributed Denial of Service
Financial Institutions	Credit card and other financial fraud



"Zombies are a critical problem since they are responsible for the majority of malicious activity on the Internet. Zombies are the perpetrators of DDoS attacks, click fraud, and credit card fraud, and they often host malware sites."

Michael Osterman Principal, Osterman Research



Benefits of GlobalView™ Zombie Intelligence

- Turn zombie threats into a business opportunity
- Save costs with a fast and non-invasive integration process
- Gain competitive advantage with rapid time-to-market
- Enhance your solution with rich zombie data
- Increase revenue by augmenting your offerings
- Improve your positioning by becoming an anti-zombie expert



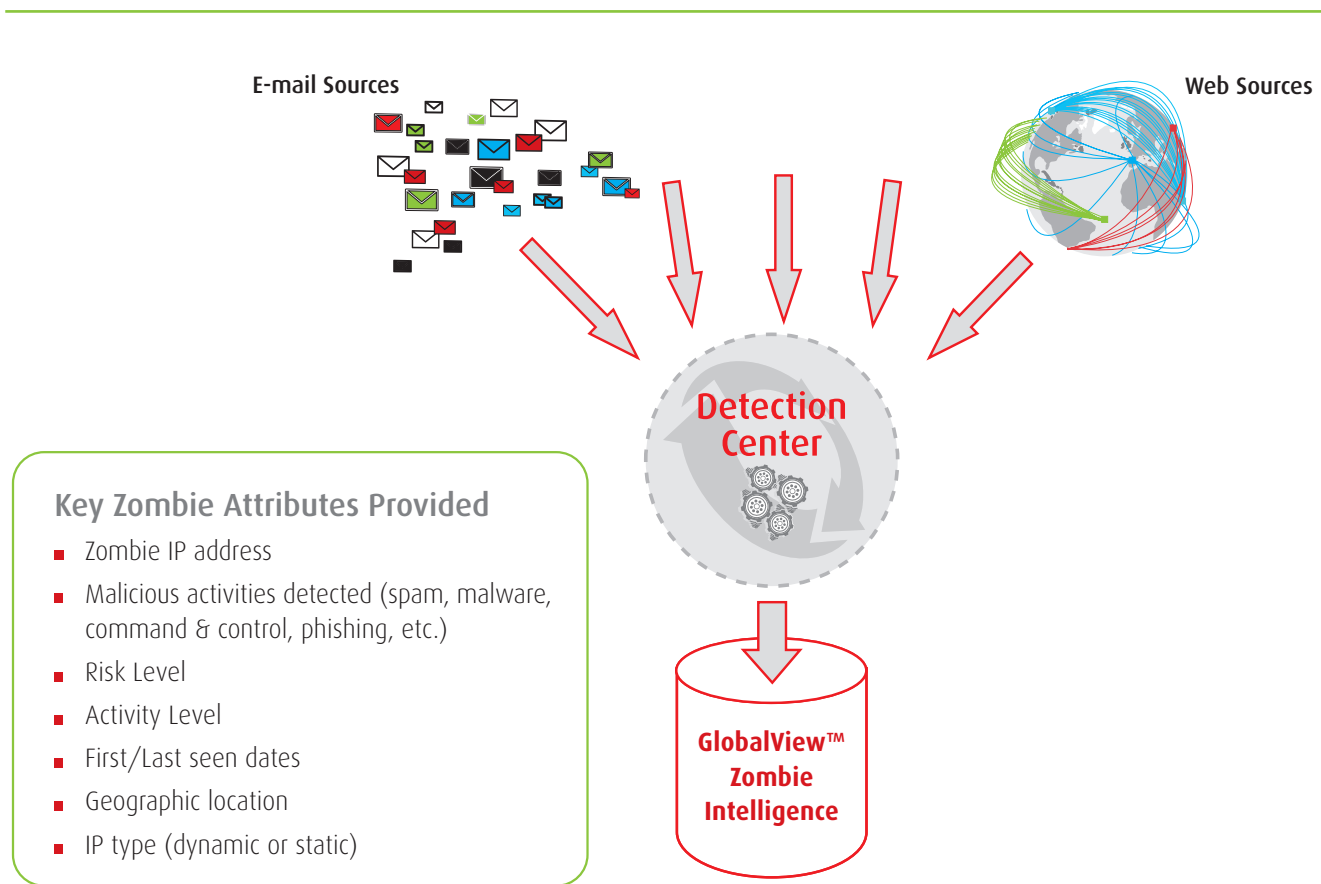
The Solution

CommTouch GlobalView™ Zombie Intelligence Service provides real-time data containing zombie IP addresses, together with rich information about their activity and behavior. CommTouch analyzes over one billion email messages per day, along with web traffic and other sources. The feedback loop between CommTouch messaging and web security technologies enables CommTouch to automatically identify zombie IP addresses rapidly, with superior accuracy and near-zero false positives. Zombies are identified at the moment they are activated, providing actionable information within minutes.

Anatomy of a Zombie

Number of active zombies per day	5-10 million
Typical number of zombies per single botnet	10,000-200,000
New zombies that come 'alive' every 24 hours	200,000-500,000
Typical zombie activities	Spam, phishing, malware, command & control, data theft, click fraud

Whether by blocking connections from zombies trying to exploit vulnerabilities, or by detecting and neutralizing an infected machine within your customers' organization, CommTouch Zombie Intelligence gives you the power to make intelligent decisions to protect your customers from the threat of zombie infections.



Visit us at: www.commtouch.com, blog.commtouch.com

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