FORTRA™

Fortra's Clearswift URL Filtering
Powered by Symantec Rulespace

General Features

- Categorizing 99.9% of the active web, enabled by a Global Feedback Network of hundreds of millions of users worldwide

- More than 55 million sites categorized with 10 million new sites added and 10 million dead sites removed each year

- Coverage representing billions of web pages from around the world

- Over 100 categories using automated categorization technology (machine learning) that has been continually improved for over a decade

- Additional data feeds (e.g., government, illegal content, terrorism, etc.)

- Sophisticated deep learning system used for categorizing image heavy, text-poor sites

- Experienced team to support override requests, with human support

- Sensitive categories, such as suicide and hate, are manually curated

- Unknown URLs returned from customers automatically processed

- Categorization Experts performing targeted discovery supporting customer requirements

- Daily manual review of Top Unknowns from each customer

- Regularly maintained — URLs frequently rechecked

- Pages analyzed in over 28 languages, including: Arabic, Catalan, Chinese, Czech, Danish, Dutch, English, Estonian, Finnish, French, Greek, German, Hebrew, Hindi, Hungarian, Italian, Japanese, Korean, Lithuanian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish, and Vietnamese

Special Features

PHISHING CATEGORIZATION DATABASE (PCD)

The PCD is a comprehensive database of confirmed phishing URLs on the web. Phishing attacks use both social engineering and technical subterfuge to steal private information from users. Clever social engineering schemes use "spoofed" emails from well-known banks and other companies to lead users to counterfeit websites designed to trick them into divulging secret financial and personal information like credit card numbers, pins, usernames, and passwords.

MALWARE CATEGORIZATION DATABASE (MCD)

Symantec Malware data feeds are derived from deep, proprietary analysis of billions of events from the Symantec Global Intelligence Network. The Global Intelligence Network provides global visibility into the threat landscape, including:

- More than 41.5 million attack sensors in 157 countries

- An extensive anti-fraud community of enterprises, security vendors and more than 50 million end users

- More than 8 billion emails scanned per day — 1/3 of all enterprise email

- Monitoring of over 5 million decoy accounts

- More than 13 billion web requests handled per day

By combining this visibility with our automated analysis and human research efforts, the MCD provides unique, timely, and actionable protection from Internet-based threats. These sites are organized into four categories. The database is frequently updated and when integrated into a web filtering solution to provide an effective protection against ever-changing Internet-based malware threats.

CATEGORIES	DESCRIPTION
Potential Malware Victim (MALVIC)	Sites that clickfraud and adware components use when "phoning home," which could signal that a device is infected with spyware or adware. This category should be used only for reporting, not for blocking, as the target URLs can be perfectly legitimate sites.
Malware Domain (MALDOM)	Sites where the domain was found to either contain malware or take advantage of other exploits to deliver adware, spyware, or malware.
Malware Phishing (MPHISH)	Sites containing characteristics of phishing techniques: transposition, misspellings, common phishkit paths, and other phishing keywords. Also includes phishing sites reported to eBay and PayPal as well as other third-party phishing feeds.
Malware Attack & Botnet (MATTCK)	Sites that have attempted a vulnerability exploitation or Denial of Service attack and any sites hosting a botnet command and control channel.

Competitors

- Zscaler
- Cisco Umbrella (OpenDNS)
- Check Point
- Forcepoint
- Palo Alto Networks

FORTRA™

Fortra.com

About Fortra

Fortra is a cybersecurity company like no other. We're creating a simpler, stronger future for our customers. Our trusted experts and portfolio of integrated, scalable solutions bring balance and control to organizations around the world. We're the positive changemakers and your relentless ally to provide peace of mind through every step of your cybersecurity journey. Learn more at fortra.com.