KASPERSKY lab

Kaspersky Anti-Spam SDK v.5:
Hybrid Protection

HYBRID PROTECTION

Used by world's leading IT Security companies and national ISPs, Kaspersky Anti-Spam Software Development Kit (KAS SDK) is the combination of the latest automated Anti-Spam technologies and human analysis, providing supreme detection and lowest false positive rates, and ensuring instant reaction to new spam outbreaks.
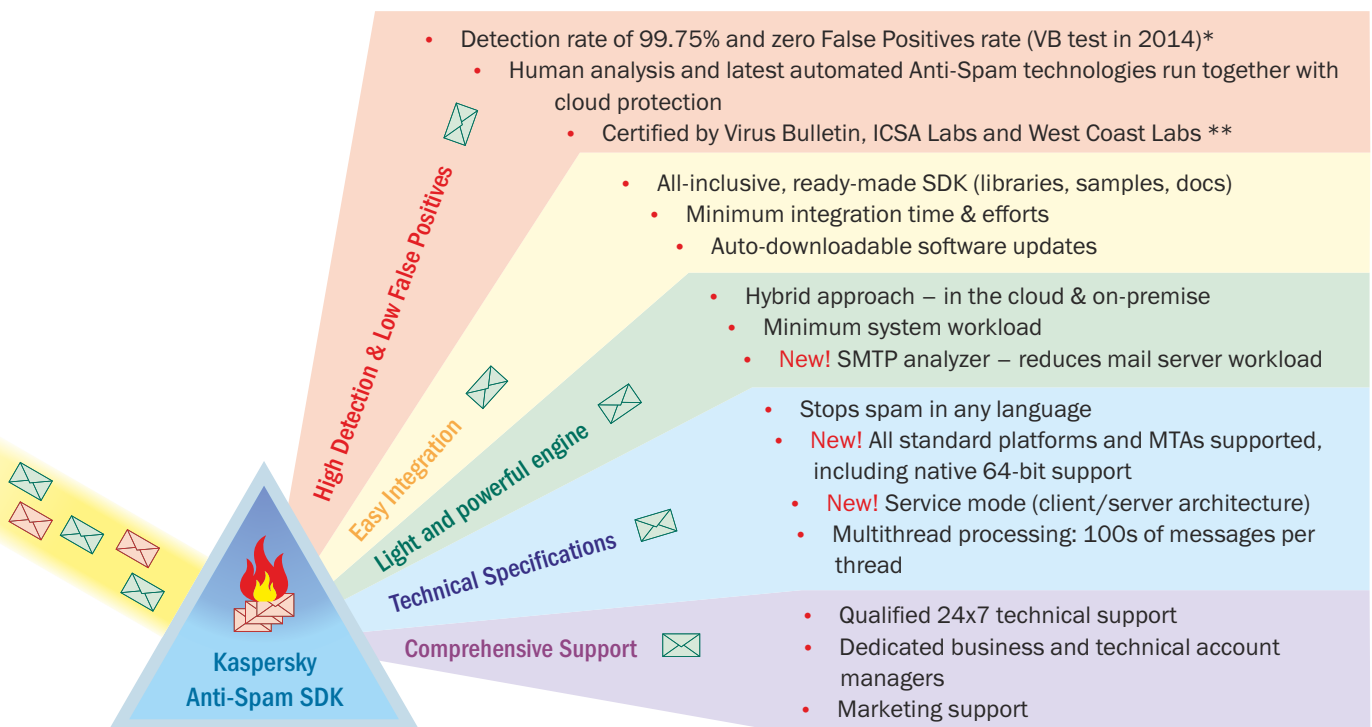
Overview

Kaspersky Anti-Spam SDK is a suite of documented libraries which enables the most convenient, relialble and easy way of integrating into messaging products.

The Hybrid approach allows us to take the benefits of cloud-based intelligence and information distribution, and using this real-time data source to complement some of the most advanced protection technologies used in Kaspersky Anti-Spam Engine.

A powerful anti-spam engine based upon tens of detection methods guaranties unparalleled detection rates for spam and phishing attacks with minimal false alarms.

KAS SDK is the essence of our expertise gained during 16+ years combating IT threats. This helps us to remain one step ahead of the competition and provide our users with the most reliable protection from new attack types.

Thanks to architectural flexibility, exceptional accuracy and impressive stability, Kaspersky Anti-Spam SDK meets the requirements of all types of customers, from SMBs to large enterprises and service providers.

High Detection & Low False Positives
- Detection rate of 99.75% and zero False Positives rate (VB test in 2014)*
- Human analysis and latest automated Anti-Spam technologies run together with cloud protection
- Certified by Virus Bulletin, ICSA Labs and West Coast Labs **

Easy Integration
- All-inclusive, ready-made SDK (libraries, samples, docs)
- Minimum integration time & efforts
- Auto-downloadable software updates

Light and powerful engine
- Hybrid approach – in the cloud & on-premise
- Minimum system workload
- New! SMTP analyzer – reduces mail server workload

Technical Specifications
- Stops spam in any language
- New! All standard platforms and MTAs supported, including native 64-bit support
- New! Service mode (client/server architecture)
- Multithread processing: 100s of messages per thread

Comprehensive Support
- Qualified 24x7 technical support
- Dedicated business and technical account managers
- Marketing support

Kaspersky Anti-Spam SDK

* — according to March 2014 VB Spam Test Report (www.virusbtn.com)
** — certifications apply to Kaspersky Anti-Spam version 3

Anti-Spam Protection Methods

Unlike many other spam filtering technologies based on statistical and traffic analysis procedures (the so-called 'zero-time' methods), Kaspersky Anti-Spam technology does not rely on a single method for spam and phishing attacks detection. This combination of multiple detection methods empowers messaging systems with best-in-class spam protection:
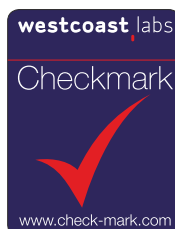
- Text Signature Analysis ("Fuzzy"and Words & regular expressions comparison algorithms)
- Linguistic heuristics (22+ categories)
- DNS based methods (DNSBL, Sender Policy Framework, Reverse DNS Lookup, Spam URL Blacklists)
- Analysis of formal message attributes (headers, sender IP analyses, etc.)
- Blacklisting/Whitelisting (IP, Emails, Phrases)

The following technologies are unique to Kaspersky Lab:

- Graphical Spam Processing (GSG) technology blocks all types of graphical spam
- Urgent Detection System – Real Time cloud technology that blocks the newest and fastest spreading spam. Based on Kaspersky Security Network – a complex distributed infrastructure dedicated to processing of depersonalized cybersecurity-related data streams from about 60 million voluntary participants around the world
- SMTP Analyzer – for early detection of spam before transferring the message to the mail server
- 24x7x365 Anti-Spam Laboratory team of professional linguists
- Updated every 5 minutes – signatures, spam-filtering rules, heuristic algorithms, etc.
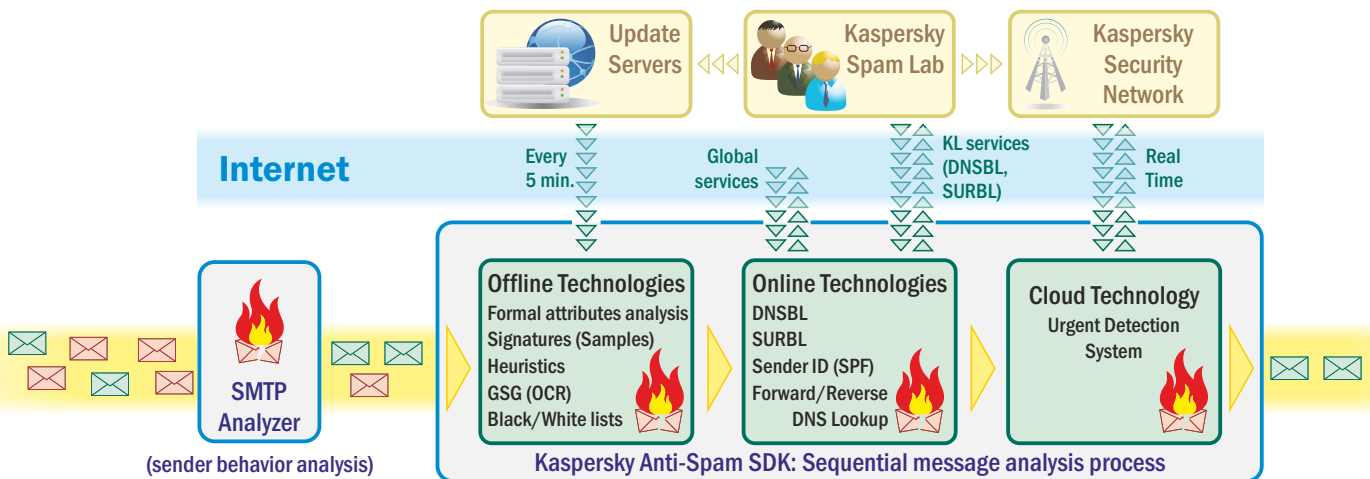
Kaspersky Anti-Spam Certifications *

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About Kaspersky Lab

Kaspersky Lab is the world's largest privately held vendor of endpoint protection solutions. The company is ranked among the world's top four vendors of security solutions for endpoint users**. Throughout its more than 16-year history Kaspersky Lab has remained an innovator in IT security and provides effective digital security solutions for large enterprises, SMBs and consumers. Kaspersky Lab, with its holding company registered in the United Kingdom, currently operates in almost 200 countries and territories across the globe, providing protection for over 300 million users worldwide. Learn more at www.kaspersky.com.

** — *The company was rated fourth in the IDC rating Worldwide Endpoint Security Revenue by Vendor, 2012. The rating was published in the IDC report "Worldwide Endpoint Security 2013–2017 Forecast and 2012 Vendor Shares (IDC #242618, August 2013). The report ranked software vendors according to earnings from sales of endpoint security solutions in 2012.*

How to Contact Kaspersky Lab KAS SDK Division