



Kaspersky Anti-Spam SDK

Used by world’s leading IT Security companies and national ISPs, Kaspersky Anti-Spam Software Development Kit (KAS SDK) is based on the latest automated Anti-Spam technologies powered by Artificial Intelligence combined with 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 that enables the most convenient, reliable and easy way of integrating anti-spam functionality 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 guarantees unparalleled detection rates for spam and phishing attacks with minimal false alarms.

KAS SDK is the essence of our expertise gained during over two decades 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.

Product Features

Feature	Details
High Detection & Low False Positives	- Detection rate of 99.9+% and zero False Positives rate, according to independent tests - Human analysis and latest Anti-Spam technologies boosted with cloud protection - Cutting-edge AI and Machine Learning-based methods
Easy Integration	- All-inclusive, ready-made SDK (libraries, samples, docs) - Light and flexible API ensures minimum integration time - Auto-downloadable software updates - Milter plug-in available - REST-like interface
Light and Powerful Engine	- Hybrid approach – in the cloud & on-premise - Minimum system workload
Technical Specifications	- Cloud IP reputation - Stops spam in any language - All standard platforms and MTAs supported, including native 64-bit support - HTTP service mode (client/server architecture) - Multithread processing: 100's of msgs per thread - Detects messages with malicious URLs, phishing content, and phishing URLs - Detects messages sent en masse (newsletters, ads, etc.)
Comprehensive Support	- Qualified 24x7 technical support - Dedicated business and technical account managers - Marketing support
New Product Features	- Ghost spoofing detection - Vishing (voice phishing) attempts detection - CVE-2024-49040 vulnerability exploit attempt detection - From / Reply to fields match control

Anti-Spam Protection Methods

Kaspersky Anti-Spam SDK Use Cases



Mail servers and gateways



Firewalls and NGFWs



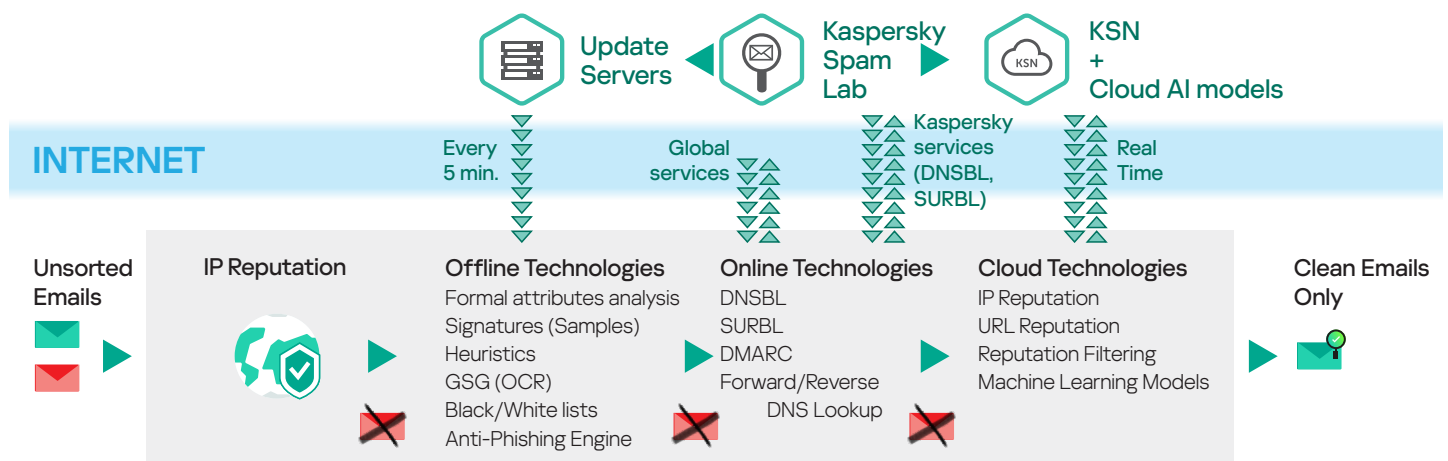
Cloud mail scanners



Customized complex security solutions

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)
- **AI and Machine learning**-based cloud models
- **DNS-based methods** (DNSBL, Reverse DNS Lookup, Spam URL Blacklists, DMARC (Domain-based Message Authentication, Reporting and Conformance))
- **Analysis of formal message attributes** (headers, sender IP analyses, etc.)
- **Denylisting/Allowlisting** (IP, Emails, Phrases)
- **IP reputation** – completely cloud-based technology ensuring the detection of the majority of spam mail based on sender IP address, even before using more sophisticated detection techniques
- **Anti-phishing heuristics** for improved phishing detection
- **Graphical Spam Processing** (GSG) technology blocks all types of graphical spam
- **Anti-Spam Laboratory** staffed by a team of professional linguists
- **Updated every 5 minutes** – signatures, spam-filtering rules, heuristic algorithms, etc.



Kaspersky Anti-Spam SDK: Sequential message analysis process

Cyber Threats News: www.securelist.com
IT Security News: business.kaspersky.com

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