

# Anti-Malware Technologies

Bitdefender's Anti-Malware SDKs offer multi-layered, industry-leading protection. All SDKs mix traditional, signature-based engines with advanced detections like heuristics, behavioral analysis, and AI models.

This multi-layered approach has earned Bitdefender unparalleled results in third party tests, and industry-wide recognition.



The SDKs can be easily implemented on endpoints, network perimeters, gateways and cloud-based platforms. They all come with comprehensive documentation, code samples, and dedicated support.

Integrators can use the anti-malware SDKs to both justify additional premiums from existing customers using legacy solutions and address new business opportunities leveraging market demand for protection suites.

## An Overview of Bitdefender's Anti-Malware SDKs

Bitdefender has developed several anti-malware SDKs to answer different business needs and infrastructures. Regardless of your topology, operating systems, or CPU architecture, there is a Bitdefender Anti-Malware SDK fit for the task.

Available deployments:

- ↳ **Core Anti-Malware SDK (Core AM):** low-level, highly customizable anti-malware engine. It can be deployed on any system that needs protection against malware, including trojans, worms, potentially unwanted applications (PUAs), and others.
- ↳ **High Level Anti-Malware SDK (HL AM):** The best fit for endpoint security. It is built as a wrapper around the Core AM SDK, and it simplifies tasks like scanning a memory buffer or integrating on-access features.
- ↳ **Client-Server Anti-Malware SDK (CS SDK):** An anti-malware engine optimized for gateway deployment. The CS AM SDK also has a built-in integration with Bitdefender's sandbox service, Email Threat Protection SDK and URL Reputation API. Perfect for gateways, network appliances, file upload services, file scanning kiosks for air-gapped networks and more.

## At-A-Glance

Bitdefender's anti-malware SDKs offer multi-layered, advanced threat protection across a wide variety of endpoints, gateways and appliances. They are easy to integrate, and based on the latest, most effective anti-malware technologies.

## Benefits

- ↳ **Industry-Leading Protection:** Bitdefender's anti-malware technologies consistently achieve 99,9% detection rates and minimal false positives in industry benchmarks.
- ↳ **Modern Technologies:** The Bitdefender anti-malware SDKs combine traditional signature-based detection with generic detection, behavioral analysis, heuristics, and deep learning models.
- ↳ **Easy Integration:** All SDKs come with comprehensive documentation, code samples, and dedicated support from an experienced team.
- ↳ **Privacy-Oriented:** Anti-malware solutions that cannot be deployed on-premises are designed with privacy in mind. Compliance with data protection regulations can be contractually agreed for any SDK.

- ↳ **Complete Security Technology SDK (CST SDK):** A complete endpoint security solution. It wraps on top of multiple technologies to offer a simplified SDK with a unified API, more features than individual SDKs and better detection rate. Bitdefender implements all the underlying tech, reducing partner integration time by over 90%.
- ↳ **Endpoint SDK:** A complete endpoint security solution, offering the same functionality as the CST SDK, with even less integration effort required. While the CST SDK doesn't have a local agent, UI, and business logic, the Endpoint SDK comes with a user interface and business logic already developed by Bitdefender.

All deployments support multiple operating systems, CPU architectures and integration languages. To see if they're a right fit for your use case, you can evaluate any of the SDKs for free.

## FREE Evaluation

Evaluating the Bitdefender Anti-Malware SDKs is free of charge and includes technical support.

## Contact us

For more information regarding the Anti-Malware SDKs please reach us at

<https://www.bitdefender.com/oem/contact-us.html>

