



Bitdefender®

Antimalware Technologies

"Setting the standard for protection, accuracy and easy integration"

Financial gain is driving malware growth exponentially and malware sophistication with over 390,000 new malware variants being discovered every day. Fast changing technologies, heterogeneous environments only exacerbate vulnerabilities, as they open up additional weak links that malware actors seek to exploit.

Threats are designed to be stealthy, to go undetected for the greatest period of time possible and malware actors seek to use all vectors at their disposal: exploits, virus, Trojans, hacks, phishing attacks and in many cases a combination to be as effective as possible and stay off the radar. These multiple vectors and persistent attacks are driving an industry demand for layered protection solutions.

Bitdefender Antimalware SDK

Bitdefender's Antimalware SDK offers multi-layered, industry leading, protection technologies that can be integrated into your solution as a value add that can justify additional premium from existing customers using legacy solutions and can also address new business opportunities leveraging market demand for protection suites.

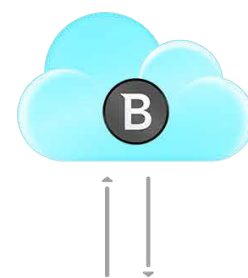
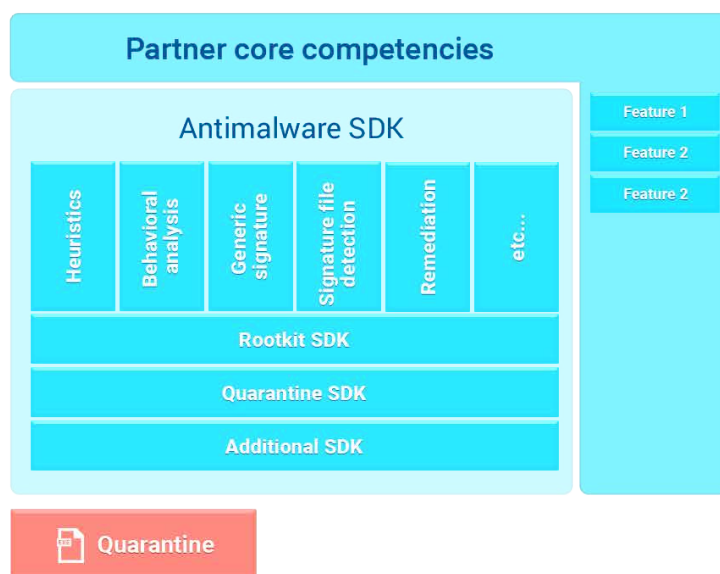
Bitdefender's Antimalware SDK can be easily implemented at the endpoint, network, perimeter, gateway, and on cloud based platforms. The Antimalware SDK can be complemented by a wide range of Bitdefender security technologies to harden security, protect against additional threat vectors, and respond to additional market demand.

Multiple technologies

The Antimalware SDK implements multiple technologies and detection methods to ensure industry leading detection accuracy and performance for known and unknown threats that leverage zero day scenarios.

- **Signature-based detection:** detects all known malware samples
- **Generic detection:** discovers all (including currently unknown) samples of a known malware family
- **Heuristic analysis:** provides proactive protection against polymorphic malware; utilizes on-access, process emulation to identify unknown malware; process emulation is run on a simulated local sandbox
- **Behavioral analysis:** ensures proactive detection of zero-day threats based on continuous process monitoring in real-time, during the entire lifetime of the process

CONSISTENTLY LEADING 3RD PARTY INDEPENDENT COMPARATIVES





What is the right Antimalware SDK for your needs?

Choosing the right Antimalware SDK is critical in getting the best business fit for the opportunity but also a solution that best suits your development team and architecture.

	Endpoint	Gateway	Appliance	Android
High Level	Best fit	N/A	N/A	N/A
Core	Fit	Fit	Fit	N/A
Client Server	N/A	Best fit	Best fit	N/A
Quick Scan	Best fit	N/A	N/A	N/A
Android Online / Offline	N/A	N/A	N/A	Best fit
Enhance Protection	Best fit	Fit	Fit	N/A

Core Antimalware SDK

- **Use case:** can be integrated on endpoints, network appliances solutions, gateways and or cloud services
- **Interface:** C and C++ interface bindings; allows integration via the shared library (Windows/Unix) or COM interface (Windows only)
- **Supports:** multiple platforms (ARM, MIPS, X86, PowerPC) and OSes (Windows, MAC and Linux) from the same API; native 32-bit and 64-bit platform support

High Level Antimalware SDK

- **Use case:** typically implemented on endpoint security solutions
- **Interface:** C and C++ interface bindings; allows integration via the shared library (Windows/Unix) or COM interface (Windows only)
- **Supports:** x86/x86_64 architecture; multiple operating systems (Windows, MAC, Linux); native 32-bit/64-bit platform support

Client/Server Antimalware SDK

- **Use case:** gateway traffic, firewall / UTM, Web / email
- **Provides:** both antimalware and antispam protection
- **Interface:** both protocol level and C/C++ language bindings; allows integration via the shared library
- **Supports:** ICAP protocol and built-in text-based protocol

Quick Scan SDK

- **Use case:** Windows endpoints
- **Interface:** C interface bindings; allows integration via dynamic library
- **Supports:** Windows 7 and higher

Antimalware SDK for Android (Online/Offline)

- **Use case:** Android devices
- **Interface:** Java language API
- **Supports:** Android operating system 2.2 and higher; native support for ARM platform

Advanced Threat Control SDK

- **Use case:** Windows endpoints
- **Provides:** protection against zero day exploits and advanced persistent threats (APTs)
- **Interface:** C interface bindings; allows integration via dynamic linked library
- **Supports:** Windows OS 7 and higher

Contact us

Evaluating the Bitdefender Antimalware SDK is free of charge and includes technical support. For any inquiries regarding the Bitdefender SDKs, please reach us at oemsales@bitdefender.com.

About Bitdefender Technology Licensing

Bitdefender provides end-to-end cyber security solutions and advanced threat protection to more than 500 million users in more than 150 countries. Since 2001, Bitdefender has consistently produced award-winning business and consumer security technology, and has become a provider of choice for leading Independent Software Vendors (ISVs), hardware vendors, service providers and marketing companies looking to integrate security technologies into their products and services. Today, Bitdefender has over 150 technology partners worldwide. More information is available at www.bitdefender.com/oem

