



Bitdefender®

Endpoint Software Development Kit (SDK)

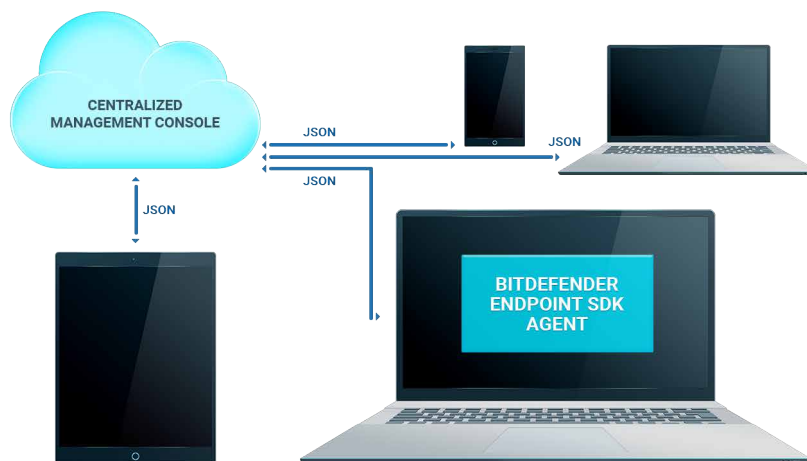
NEW THREAT LANDSCAPE DRIVING MARKET DEMAND

Due to the high level of corporate breaches in the last few years, enterprises have become more threat-aware. Endpoints have long been a favorite hunting ground for malware actors as they can be easily exploited via lateral attacks. Mobile adoption and BYOD have also widened the overall attack surface and made enterprises more vulnerable. As traditional security **perimeters disappear** and the threats become more complex, enterprises look to trusted vendors for **consolidated layered security solutions**.

The **Bitdefender Endpoint SDK** offers a full **enterprise-level** security feature set for all endpoints (servers, laptops, mobile devices etc.) that is designed to seamlessly integrate into existing vendor management consoles. Whether you are an RMM vendor, MSP, MSSP, a web security gateway company or an IT support company, the Endpoint SDK offers you an **out-of-the-box** go-to-market solution that enables you to leverage market demand and grow your business with value adds that integrate with your core offering.

BITDEFENDER ENDPOINT SDK: HOW IT WORKS

The Endpoint SDK addresses the needs of the most demanding enterprises by providing cross-platform security for **physical** and **virtual** endpoints, including multi-layer antimalware protection, behavioral scanning, firewall, web security, device control and disk encryption etc. This is done simply by deploying a local agent that issues commands to the client security software and can be remotely controlled via JSON calls from the partner's centralized management console.



ENTERPRISE-CLASS FEATURE SET

Consolidated enterprise-class protection for endpoints that addresses all attack vectors, while eliminating the overhead of managing multiple solutions. Features include:

- **File scanning:** on access and on demand, using Bitdefender's award-winning antimalware engine
- **Behavioral scanning:** proactive malware detection technology based on continuous application lifecycle behavioral monitoring; it also includes the anti-exploit technology, which is a behavioral base technology specialized in detecting ROP type of exploits
- **Support for traffic scanning:** Web / email
- **Anti-phishing and anti-fraud scanning**



- **Stateful endpoint-level firewall**
- **Volume encryption:** full disk encryption, preventing the loss of sensitive information
- **User control:** web control, categories-based filtering, application blacklist, data protection
- **Device control:** prevents sensitive data leakage and malware infections via external devices
- **Power user:** allows the configuration of administration rights at user level
- **Exchange mail server security:** the SDK integrates with Microsoft Exchange Server
- **Update server:** mirrors Bitdefender's update locations into any local network
- **Application Control/Application Whitelisting**

KEY TECHNOLOGIES & BENEFITS

- **Identify and block never-before seen malware and ransomware:** Bitdefender uses patented machine learning algorithms proven to accurately detect unknown malware, including ransomware new variants; these algorithms are trained and perfected using trillions of samples from a global network of 500 million sensors to predict the progression of threats and allow Bitdefender to adapt its technologies to outsmart attackers.
- **Block exploit-based attacks:** sophisticated attacks often start with exploits to gain control of the target endpoint; Bitdefender's advanced anti-exploit technology detects and blocks attacks exploiting zero-day and un-patched vulnerabilities with techniques such as return oriented programming (ROP).
- **Detect and disrupt advanced attacks with real-time monitoring:** operating on a zero-trust assumption, Bitdefender Endpoint SDK continuously monitors all active processes and can stop malicious activity mid-stream and roll back changes; it consistently detects zero-day malware and file-less attacks that hijack known, running processes.

DESIGNED TO BE SIMPLE

- Universal quick and easy deployment from the cloud or on premise
- Simple rebranding process
- No extensive development, testing or maintenance
- Single plane of glass management of endpoint security
- Transparent automatic updates / upgrades

CONTACT US

Evaluating the Bitdefender Endpoint SDK is free of charge and includes technical support. For more information regarding the Bitdefender technology licensing solutions, 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 or services. Today, Bitdefender has over 150 technology licensing partners worldwide. More information is available at www.bitdefender.com/oem.

