

CST SDK

The CST SDK is a complete endpoint protection technology that OEM partners can license to build an endpoint product around. It's powered by individual Bitdefender SDKs and unique features like an anti-exploit engine, an anti-ransomware module and a command line scanner.

All the underlying technologies, including detection engines and remediation policies, are built, tested, and maintained by Bitdefender. Partners just need to create a user interface and a business logic, reducing their integration time by up to 90% and the product development workload by up to 30%. The SDK is also modular, allowing partners to only license the components that can be a value add for their customers.

Features

- ↳ **Complete Endpoint Security:** CST SDK's modules protect any Windows endpoint against traditional malware, advanced threats, online exploits and ransomware to name a few.
- ↳ **Advanced anti-malware engine:** CST SDK employs traditional, signature-based detection, along with AI-powered correlation, behavioral analysis and feature extraction.
- ↳ **EDR support:** CST SDK includes an EDR module that enables detection and response capabilities like incident visualization and root cause analysis.
- ↳ **Straightforward integration:** The CST SDK provides a simple, JSON-based interface that simplifies integration.
- ↳ **Support for any Windows architecture:** CST SDK can be implemented on ARM64 or x86_64, with native support for 64 or 32 bits.

The Tech Behind Bitdefender's CST SDK

CST SDK modules offer in-depth protection for Windows endpoints. Here is an overview of the components available to license:

- ↳ Anti-malware modules, including on-access and on-demand scanners, a quarantine component and self-protection features for the partner product.
- ↳ Network protection modules, including a traffic scanner, network threat detector, and URL reputation service.
- ↳ Behavior-based detection modules, including the Advanced Threat Control (ATC) engine, command line scanner, anti-exploit engine, and advanced anti-ransomware protection.
- ↳ Extra modules like a correlation engine for improved detection, and the EDR component.

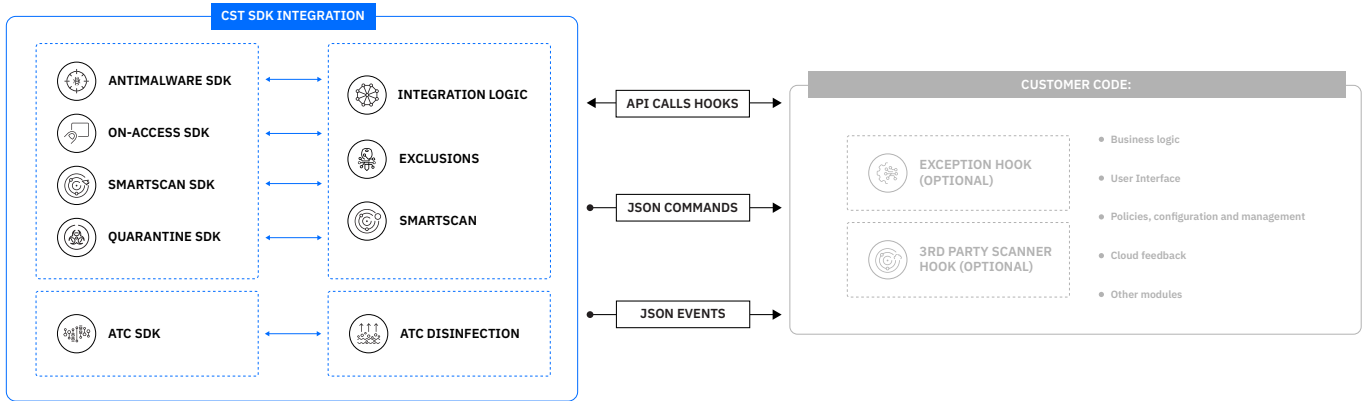
At-A-Glance

The CST SDK is a complete endpoint security solution that OEMs can license to build an endpoint product around. Licensees just need to build a business logic and a UI, then they can take the product to market.

Benefits

- ↳ **Best detection rate:** If all modules are enabled, the CST SDK achieves the same 99,9% detection rate as Bitdefender products.
- ↳ **Easy upgrade:** When licensing new features, partners only need to modify a config file, account for a few new API call hooks, and the new functionality is ready to launch.
- ↳ **Dedicated technical support:** Bitdefender's support team has been enabling OEM partner success for 15 years. The SDK also comes with comprehensive documentation and code samples.

The internal logic of the endpoint product is built by Bitdefender, incorporating all modules under one app which the partner application can communicate with via API calls. Policies can be set for each module via JSON requests and the SDK modules will generate JSON responses in return. For example, whenever the on-access module detects malware, it will generate an alert detailing the threat in JSON format. Partners only need to build a business logic and user interface around this technology. They are also responsible for configuring module policies, managing cloud feedback, and integrating any other external module.



FREE Evaluation

Evaluating the Bitdefender CST SDK is free of charge and includes technical support.

Contact us

For more information regarding the CST SDK please reach us at <https://www.bitdefender.com/oem/contact-us.html>

