Bitdefender®
Android Security Technologies

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

Android: A growing opportunity

Analyst reports estimate that over 11 billion total mobile-connected devices – including smartphones, tablets or wearables devices - will be available by 2019, while the number of smartphones shipped with Android will exceed 1.5 billion in 2021, accounting for approximately 85% of the total smartphone shipments worldwide. The increasing number of mobile devices and prevalence of the BYOD (Bring Your Own Device) trend in enterprises has also translated into a growing number of threats for enterprises and consumers in the form of targeted and opportunistic attacks. Mobile device usage has increased the overall risk of exposure to malware threats transmitted via web, social media, gaming, financial / online payment apps, in addition to unsecure Wi-Fi usage.

Get an early foothold on this growing opportunity and grow your business by offering additional products / services to mitigate the growing mobile risk. With consistently near perfect detection rates in third party independent anti-malware tests, Bitdefender's technologies will guarantee your offerings security excellence.

Bitdefender Antimalware SDK for Android

Bitdefender provides advanced technologies for protecting Android devices against known and emerging threats. The Antimalware SDK identifies and blocks malware applications before they can be fully installed on mobile phones or tablets, enabling partners to protect users against malware, Trojans, phishing or other threats.

Online and Offline SDK versions

The Antimalware SDK scans Android package files (APK files) for malicious content on the:

• **Cloud,** in the case of the online SDK version; all processing is done in the Bitdefender cloud, providing customers with up-to-date protection against threats targeting mobile platforms

• **Device**, in the case of the offline SDK version; as it uses local malware databases and does not require an Internet connection, this SDK is ideal for companies looking to provide malware scanning without access to the network or connection to the mobile carriers' network

The antimalware SDKs for Android:

• Can be configured to scan **on-install** or **on-demand**; for one or multiple specified packages

• Can scan files on **external storage**

• Have a **light footprint**, utilizing minimum memory and bandwidth, while maintaining minimal impact on battery life

• In the case of the Online SDK only meta data extraction takes place on the device
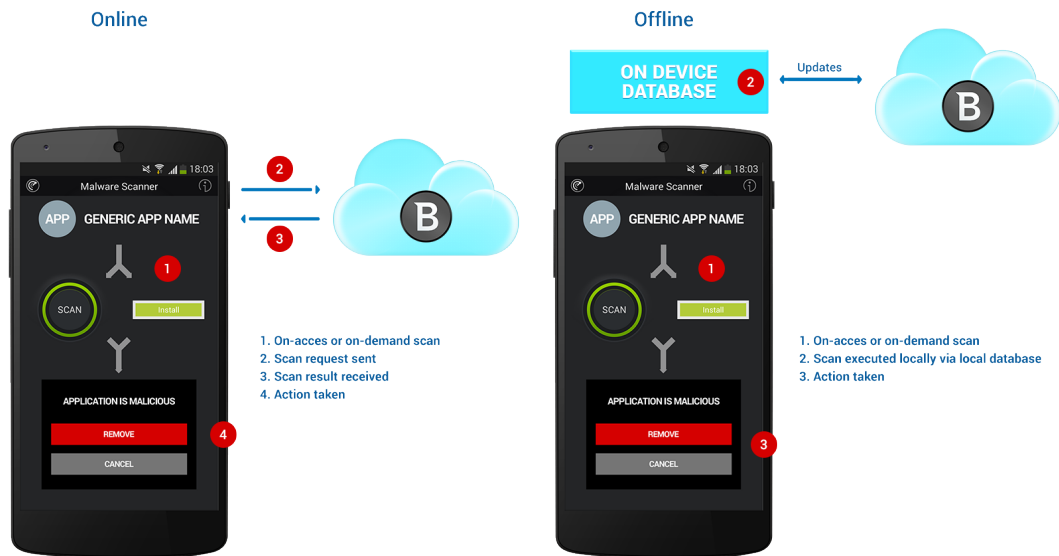
Integration specifications

• Interface: Java language API

• Comes with a sample application as well as its source code

• Native support for Android on ARM platform

• Supports Android operating system version 2.2 and higher

KEY FEATURES AND BENEFITS:

• Detect and block malicious content on mobile devices running the Android platform

• Protect against malware, phishing and web threats

• Online / Offline Antimalware SDKs available

• High speed with low footprint on resources

• Further expand Android offerings with Web Security SDK (full URL filtering), or alternatively sell branded security for Android devices

• Flexible licensing options, tailored to your business model

• FREE evaluation with technical support included

MULTIPLE USE CASES:

• Mobile application developers

• Mobile Device Management (MDM) platforms

• Mobile device manufacturers

• Mobile operators or Telcos

• Security vendors

Online

Offline

ON DEVICE DATABASE 2

Updates

Malware Scanner

APP GENERIC APP NAME

SCAN Install

APPLICATION IS MALICIOUS

REMOVE 4

CANCEL

1. On-acces or on-demand scan
2. Scan request sent
3. Scan result received
4. Action taken

Malware Scanner

APP GENERIC APP NAME

SCAN Install

APPLICATION IS MALICIOUS

REMOVE 3

CANCEL

1. On-acces or on-demand scan
2. Scan executed locally via local database
3. Action taken

AV TEST av-test.org 07/2017 CERTIFIED ANDROID

Grow your business with additional security offerings

Create a tiered model of security products and solutions that can help you create upsell and cross sell opportunities within your existing install base and address new markets.

▪ Web Security SDK

The Bitdefender Web Security SDK provides real-time detection of malicious / fraudulent web content and URLs:

• **How it works:** scans URLs via the Bitdefender cloud and returns their status (clean, fraudulent, phishing etc.); offers the ability to filter content based on over 50+ web categories (search engine, social networks, gambling, pornography, drugs etc.)

• **Interface:** written in Java only, without using any native libraries, so no compatibility or portability issues

• **Supports:** Android on ARM platforms; compatible with Android default browser and Chrome, Dolphin, Firefox, Opera and Opera Mini, for systems running Android 6 or higher

▪ Branded security

In addition to technology integration, Bitdefender has private label mobile packages available to partners who want to quickly provide a mobile solution to their customers and new prospects based on Bitdefender's award winning Android product.

FREE evaluation

Evaluation of the Bitdefender Android security technologies is free of charge.

Technical support

Our team of engineers provide technical support with guaranteed response time - Service Level Agreements (SLAs).

Get in touch

For more information about 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 and services. Today, Bitdefender has over 150 technology partners worldwide. More information is available at www.bitdefender.com/oem

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