



## Technical Note 116

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### EasyApps Malware Protection

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#### Introduction

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A natural question regarding DeNovix® software is whether it can be infected by a software virus. The simple answer is no. This document will explain how DeNovix's custom software, EasyApps®, is protected against malware.

#### DeNovix Custom Android™ Software

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EasyApps is a custom Android™ software used on DeNovix instruments. Android™ apps work under a “sandboxed” security scheme, which is a technique that places virtual walls between apps and the rest of the device's software.

Sandboxing limits a virus's capacity to infect a device, as the virus cannot access data from the OS and other parts of the device without a specific user-granted permission. Therefore, viruses—as the term would historically be used—do not exist on Android™ (or any major mobile OS).

EasyApps controls all user-granted permissions on DeNovix products. In addition, DeNovix custom operating systems only allow apps that are approved by DeNovix to run on the system. Unapproved apps installed by a user cannot be used.

For an Android phone or tablet, a bigger concern would be malware that is designed to steal personal information. Since DeNovix instruments and software do not acquire, contain or store personal information, this type of threat is not applicable.

#### Summary

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The Android™ unique operating system used by DeNovix instruments provides excellent inherent protection from malware threats.

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