HID

OMNIKEY® Android Driver

PLT02493, Rev. A.0

Minimum System Requirements

- Android device (tablet or smart phone) with OTG support
- Android Operating System (OS) version 3.2 (Honeycomb) or higher. This corresponds to Android API level 13 or higher.
- API support for `android.hardware.usb`.
- API support for `android.bluetooth`.

The Apps can be installed without special privileges, but the user may have to grant access to USB devices and the Bluetooth stack during operation, if this is not already set.

Supported Smart Card Readers

- smart@link chipset
- OMNIKEY 1021 (USB)
- OMNIKEY 3021 (USB)
- OMNIKEY 3121 (USB)
- OMNIKEY 3621 (USB)
- OMNIKEY 3821 (USB)
- OMNIKEY 6121 (USB)
- OMNIKEY 2061 (Bluetooth)
- OMNIKEY 5427 (USB)
- OMNIKEY 5022 (USB)
- OMNIKEY 5127 (USB)
- OMNIKEY 5127 Mini (USB)

Package Files

- `CardReaderManager.apk` – Card reader manager. Mandatory.
- `JSR268Client.apk` – simple demo application. Optional.
- `jsr268library.jar` – Java library. Do not install.
- `JSR268Client.zip` – source code for `JSR268Client.apk`. Do not install.

Installation

Android Apps are normally installed via the Play Store, where the packages that are provided have passed certain security criteria. The Android security policy requires users to explicitly allow the installation of Apps from unknown sources. The appropriate configuration option is found in different places, dependant on the OS version installed.

- Android 3.2: Navigate to **Settings** (e.g. via the **Applications** menu) and select **Applications**. Enable the **Unknown sources** option.

- Android 4.x and 5.x: Navigate to **Settings** (e.g. via the **Applications** menu) and select **Security** (under the **Personal** heading). Navigate to the **Device administration** section and enable the **Unknown sources** option.

- Android 6.x: Navigate to **Settings** (e.g. via the **Applications** menu) and select **System**. Navigate to the **Security** section and enable the **Unknown sources** option.

Once the **Unknown sources** option is enabled, the *.apk can be downloaded and installed.

- Download the Android package via the device's web browser.

- Navigate to the Download folder and tap on the downloaded package to begin installation. If the package has been previously installed, a message is shown that highlights this fact.

- The privileges required by the App are displayed. Tap on **Install** to accept the requirements and continue the installation.

Uninstallation of Installed Apps on the Device

- Android 3.2: Navigate to **Settings** and select **Applications**. In this menu, select **Manage applications** and select the **Downloaded** tab. Tap on the required App in the list to display an **App info** screen. Tap **UNINSTALL** to remove the App.

- Android 4.x: Navigate to **Settings** and select **Apps**, followed by the **Downloaded** tab. Tap on the required App in the list to display an **App info** screen. Tap **UNINSTALL** to remove the App.

- Android 5.x: Navigate to **Settings** and select **Device**, followed by **Apps**. Tap on the required App in the list to display an **App info** screen. Tap **UNINSTALL** to remove the App.

- Android 6.x: Navigate to **Settings** and select **Applications**, followed by **Application manager**. Tap on the required App in the list to display an **App info** screen. Tap **UNINSTALL** to remove the App.

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