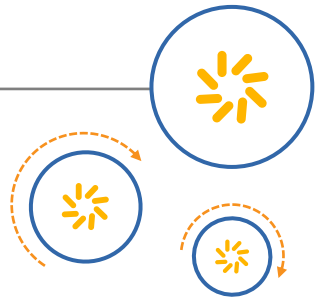




Qualcomm Technologies, Inc.



# Device Verification Subsystem 1.0.0

User Guide (Public Web App)

DVS-User-Guide-Public-Web-App-1.0.0

June 19, 2018

## Revision history

Revision	Date	Description
A		Initial release

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# 1. Introduction

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The Device Verification Subsystem (DVS) is the subsystem of Device Identification, Registration and Blocking System (DIRBS) .It provides platform for device dealer(s), Mobile User(s) and Authorized entity(s) to check and verify the status of IMEI(s).

The Device Identification, Registration & Blocking System (DIRBS) is a country-wide system deployed in cooperation between the country regulator, operators in that country, and a technology partner that supports deployment. The system checks, identifies, and discourages non-compliant devices by verifying the installed base of devices currently active in a market and continuing to monitor as new devices are activated.

DIRBS can verify that:

- Devices have properly allocated identifiers and type approval
- Devices are not duplicated or stolen
- Device importation takes place through legal channels

## 1.1. Purpose

This document is intended to give assistance to the user to use the Device Verification Subsystem (DVS).

## 1.2. Supported Desktop Browsers

**Table 1- Supported Desktop Browsers**

Name	Version
Internet Explorer	11.0
Firefox 52.5 ESR	57.0
Chrome	63.0
Safari	11.0
Edge	41.16299

## 1.3. Supported Mobile Browsers

**Table 2- Supported Mobile Browsers**

<b>Name</b>	<b>Version</b>
Chrome	63.0
UC Browser	11.5
Opera(Android)	44.1
Opera(iOS)	16.0.7
Safari	11.1
Samsung Internet	6.2
Android	4.1.x - 4.3

## 1.4. Definitions, Acronyms, and Abbreviations

**Table 3-Definitions, Acronyms, and Abbreviations**

<b>Term</b>	<b>Definition</b>
DIRBS	Device Identification Registration and Blocking System
IAM	Identity Access Management
DVS	Device Verification Subsystem
MSISDN	Mobile Subscriber Integrated Services Directory Number
IMEI	International Mobile Equipment Identity

## 2. System Description

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**Table 4-System Description**

Feature	Description
Enter the IMEI	Takes the valid IMEI as input. Enter IMEI of device to be verified
RECAPTCHA	RECAPTCHA is used in order to protect the system from the bots(-bot-is a software application that runs automated tasks (scripts) over the internet)
Device Status	Display the relevant device details (IMEI, Brand, Model Name, IMEI Compliant Status etc.) in a table

## 3. System Navigation

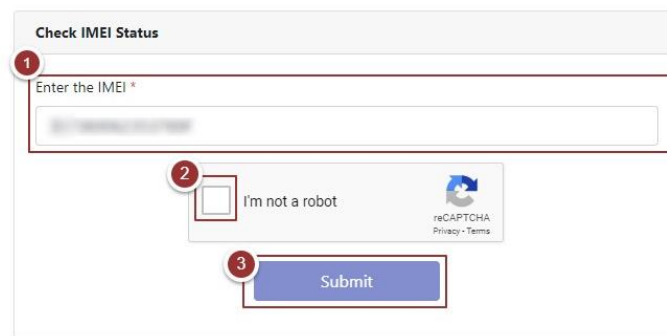
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### 3.1. Enter the IMEI

1. Enter the IMEI

**Note:** IMEI can be of alphanumeric characters (0-9, A-F, a-f). The length of the IMEI should be between 14-16 characters.

2. Click on the RECAPTCHA checkbox, complete the verification process (if applicable )
3. Click on the “Submit” button



The screenshot shows a web form titled "Check IMEI Status". It contains three main elements highlighted with numbered red circles: 1. A text input field labeled "Enter the IMEI \*" with a red border. 2. A reCAPTCHA checkbox labeled "I'm not a robot" with a red border. 3. A blue "Submit" button with a red border. The reCAPTCHA logo and "Privacy - Terms" link are also visible.

Figure 1 - Check IMEI Status

After clicking on the “Submit” button, status of the device (i.e. IMEI, Brand, Model Name, IMEI Compliance Status etc.) will display in a table.

The screenshot shows a web application interface for checking IMEI status. At the top, there is a form titled "Check IMEI Status". The form contains a text input field labeled "Enter the IMEI \*", a checkbox labeled "I'm not a robot" with a reCAPTCHA logo, and a blue "Submit" button. Below the form, there is a table titled "Device Status" with the following data:

Device Status	
IMEI	XXXXXXXXXXXX
Brand	Samsung
Model Name	SM-N960U
IMEI Compliance Status	Non compliant
Reason for non-Compliance	Your device is not registered
Link to Mitigation Help Content	<a href="http://dirbs.net.pk/help">dirbs.net.pk/help</a>
Block as of Date	N/A

**Figure 2 - Device Status**