

R&S® TSMA6B

Autonomous Mobile Network Scanner Supplement Image Stick



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Version 01

ROHDE & SCHWARZ
Make ideas real



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Throughout this manual, products from Rohde & Schwarz are indicated without the ® symbol , e.g. R&S®TSM A6 is indicated as R&S TSM A6.

Contents

1	Usage of the R&S TSMA6B image stick.....	3
1.1	Create a R&S TSMA6B image stick.....	3
1.2	Boot from the R&S TSMA6B image stick.....	4
1.3	Capture an image from a R&S TSMA6B.....	4
1.4	Apply an image to a R&S TSMA6B.....	6
2	Contacting customer support.....	8

1 Usage of the R&S TSMA6B image stick

With the R&S TSMA6B image stick, you can capture images from and apply images to another R&S TSMA6B.

- [Create a R&S TSMA6B image stick.....](#)3
- [Boot from the R&S TSMA6B image stick.....](#)4
- [Capture an image from a R&S TSMA6B.....](#)4
- [Apply an image to a R&S TSMA6B.....](#)6

1.1 Create a R&S TSMA6B image stick



You need administrator rights on the PC, where you create the image stick.

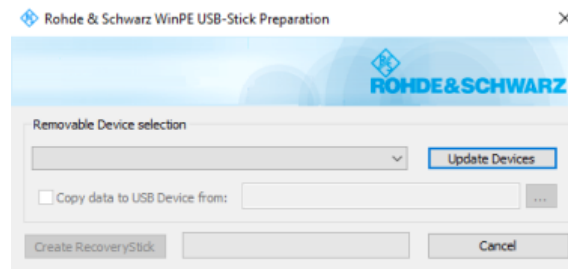
To create a R&S TSMA6B image stick, proceed as follows.

Prerequisites:

- A bootable USB stick (USB 3.1 Gen1) with a capacity of at least 64 GB. Make sure that the data on the USB stick is no longer needed as it will be formatted during process of R&S TSMA6B image stick creation.
- Download the "R&S TSMA6B Image Stick" (TSMA6B_ImageStick-v<x.y>.zip) tool (www.rohde-schwarz.com/software/tsma6b).
- On a PC, unzip the file TSMA6B_ImageStick-v<x.y>.zip to a directory of your own choice. The extracted directory contains the PrepareWinPEStick.exe file.

1. Insert the USB stick into a free USB3.1 port of a PC.
2. Execute the PrepareWinPEStick.exe file in the directory, where you have saved the file.

3. Select the USB stick via the "Removable Device Selection" drop-down box.



4. Press "Create RecoveryStick".

In the main directory of the image stick, following directories and files are created automatically:

- /Boot
- /Device
- /EFI
- /sources
- bootmgr
- bootmgr.efi

When the creation of the image stick has finished, you can boot the R&S TSMA6B from this stick.

1.2 Boot from the R&S TSMA6B image stick

To boot from the R&S TSMA6B image stick, proceed as follows.

1. Connect mouse, keyboard and monitor to the R&S TSMA6B.
2. Insert the created R&S TSMA6B image stick (see [Chapter 1.1, "Create a R&S TSMA6B image stick"](#), on page 3) into a free USB 3.0 port on the R&S TSMA6B.
3. Power on the R&S TSMA6B.
4. During boot up, press [F10] to enter the boot menu.
5. Select the R&S TSMA6B image stick from the list of boot devices and press <Enter>.

The Windows PE environment starts.

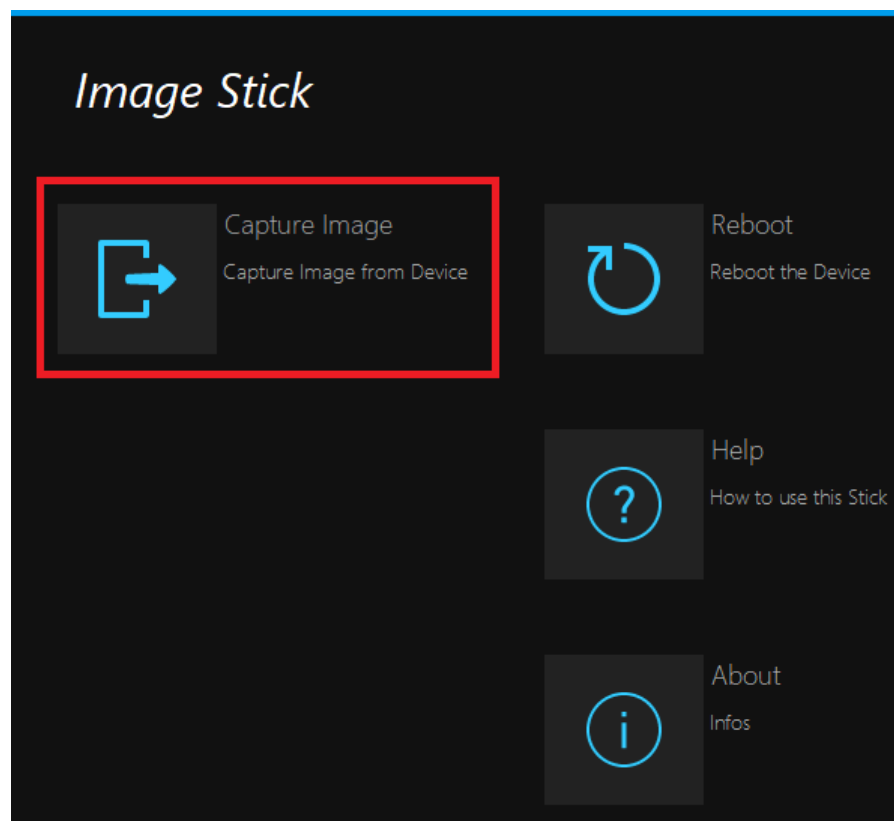
1.3 Capture an image from a R&S TSMA6B

To capture an image from a R&S TSMA6B, proceed as follows:

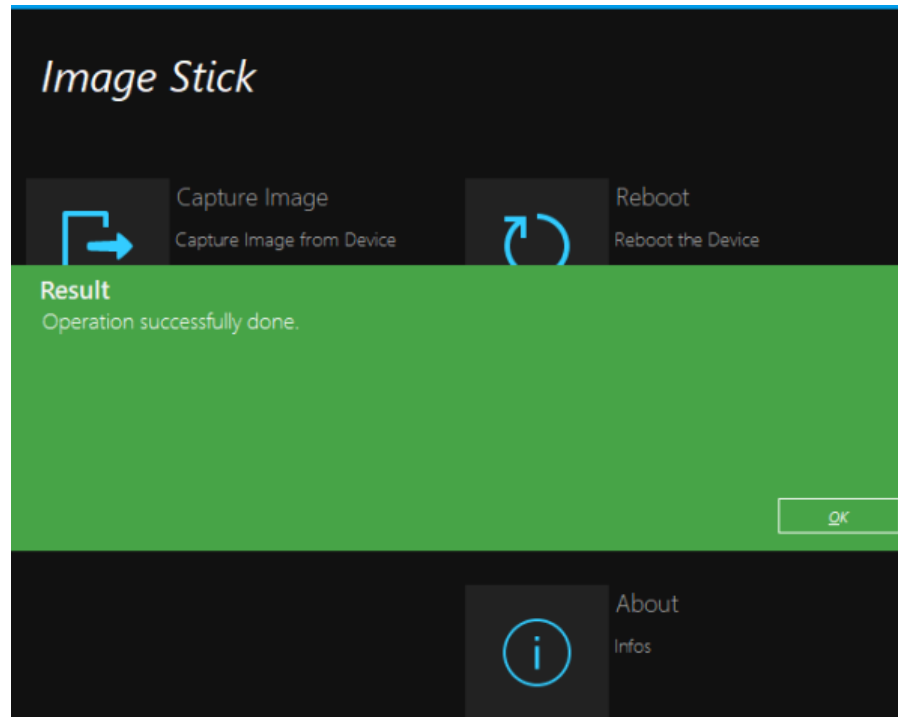
NOTE: No image files may be present on the R&S TSMA6B image stick in the directory *Device/Images*. Otherwise, capturing the image from a R&S TSMA6B master device is not possible.

1. Boot from the R&S TSMA6B master device via image stick (see [Chapter 1.2, "Boot from the R&S TSMA6B image stick"](#), on page 4).
2. In the main menu, press "Capture Image".


The capture process starts automatically and the image files of the R&S TSMA6B master device are saved on the R&S TSMA6B image stick.




3. After the capture process has finished, the message "Operation successfully done." appears.



4. Press "OK".
5. Remove the R&S TSMA6B image stick.
The R&S TSMA6B image stick now contains the image files (`/Device/Images`).
6. Press "Reboot".
The R&S TSMA6B reboots normally in the previously selected mode of operation.

 The image files, which are available on the R&S TSMA6B image stick in the directory (`/Device/Images`) can be saved manually on a PC. So, the image files can be used to be applied on more than one device.

1.4 Apply an image to a R&S TSMA6B

 Images which are captured from R&S TSMA6B devices with an external SSD (R&S TSMA6B-BEP) can only be applied to devices that also have an external SSD.

To apply an image to a R&S TSMA6B, the following files must be available in the directory `Device/Images` on the R&S TSMA6B image stick.

- `BACKUP.wim`
- `Data.wim`
- `RECOVERY.wim`

- SYSTEM.wim

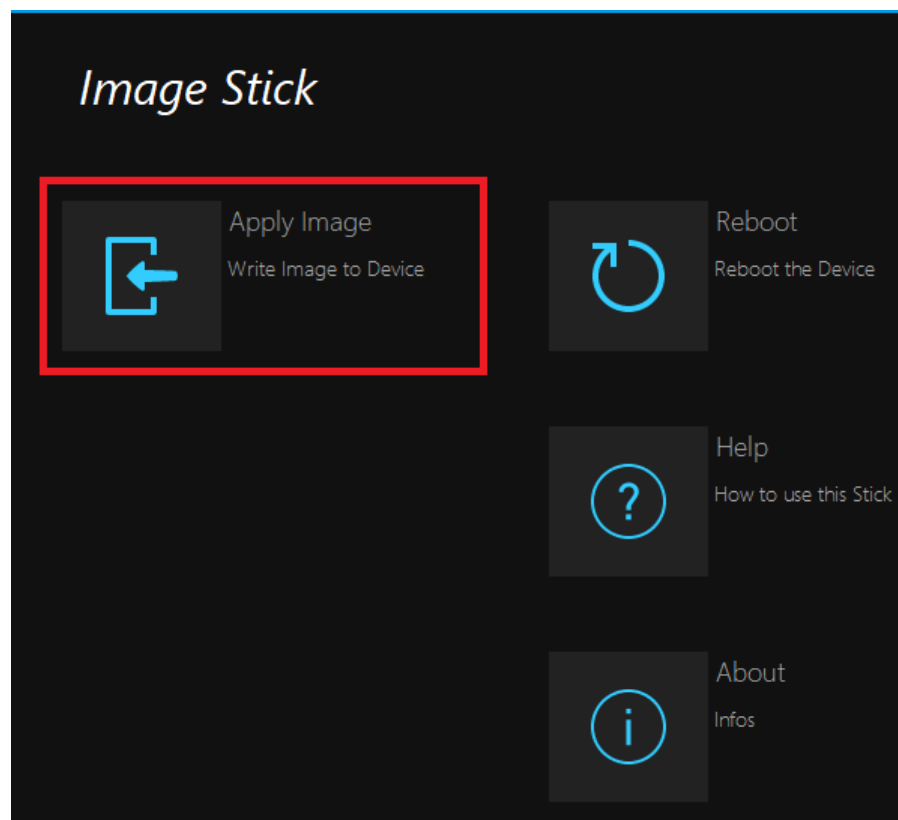


These files can be copied manually from a PC to the image stick or are the result of capturing an image (see [Chapter 1.3, "Capture an image from a R&S TSMA6B"](#), on page 4).

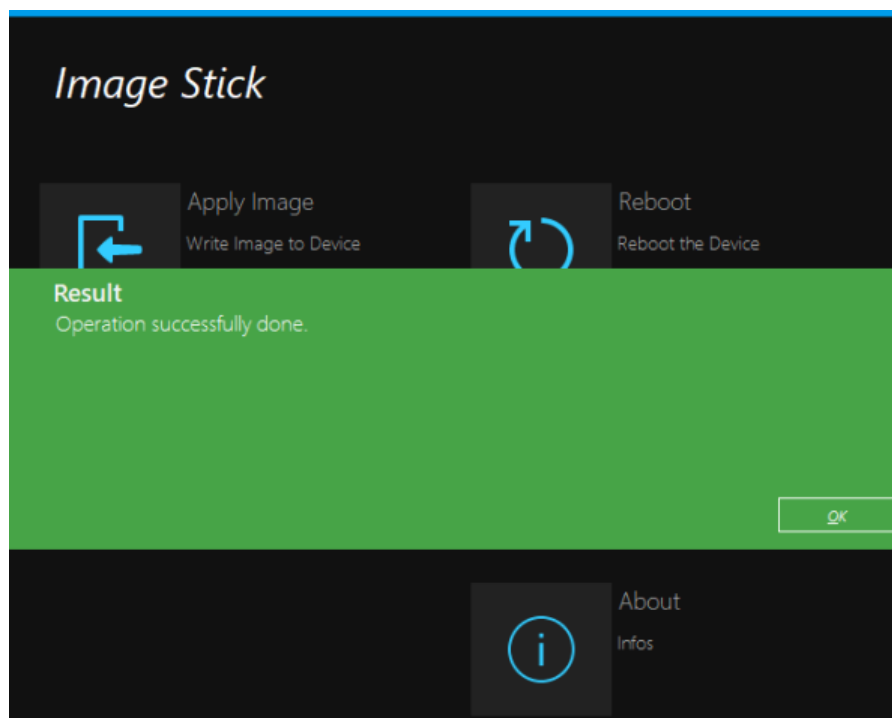
To apply an image to a R&S TSMA6B, proceed as follows:

1. Boot the R&S TSMA6B image stick from the target device (see [Chapter 1.2, "Boot from the R&S TSMA6B image stick"](#), on page 4).
2. In the main menu, press "Apply Image".

The apply process starts automatically. The image files from the R&S TSMA6B master device are transferred to the R&S TSMA6B target device.



3. After the apply process has finished, the message "Operation successfully done." appears.



4. Press "OK".
5. Remove the R&S TSMA6B image stick.
6. Press "Reboot".
The R&S TSMA6B reboots from the deployed image.

2 Contacting customer support

Technical support – where and when you need it

For quick, expert help with any Rohde & Schwarz product, contact our customer support center. A team of highly qualified engineers provides support and works with you to find a solution to your query on any aspect of the operation, programming or applications of Rohde & Schwarz products.

Contact information

Contact our customer support center at www.rohde-schwarz.com/support, or follow this QR code:



Figure 2-1: QR code to the Rohde & Schwarz support page

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