# Instructions for carrying out software updates with instruments:

| vPad type | Serial number: |
|---|---|
| VITA vPad excellence | From 2820180275 |

**In order to keep the updates clear, there is an applicable furnace update for every vPad update associated with the same software version number.**

Dear customer,

With this document, we would like to inform you about the new software update for your VITA instrument and ask you to install the updates on your instrument in accordance with the following instructions.

If you have any questions concerning this update, please consult your regional service partner for VITA instruments. VITA instruments service is also available at:
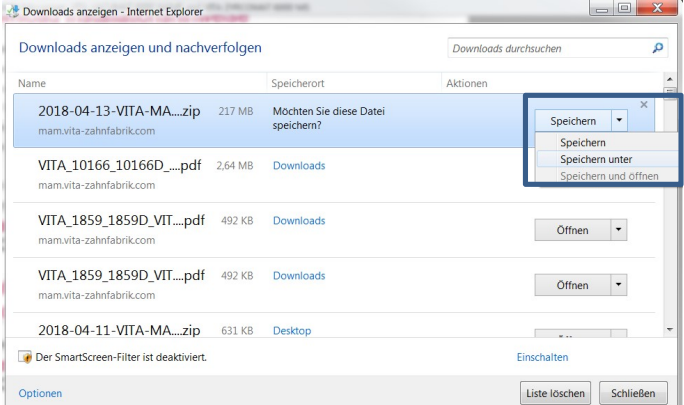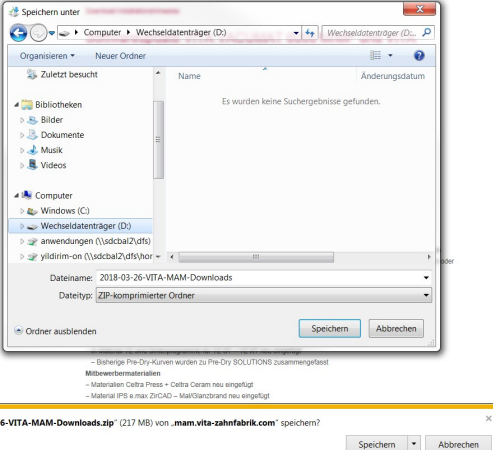
• Tel.: +49 (0)77 61 / 562 – 101, -105, -106 or -114
• Fax: +49 (0)77 61 / 562 – 102
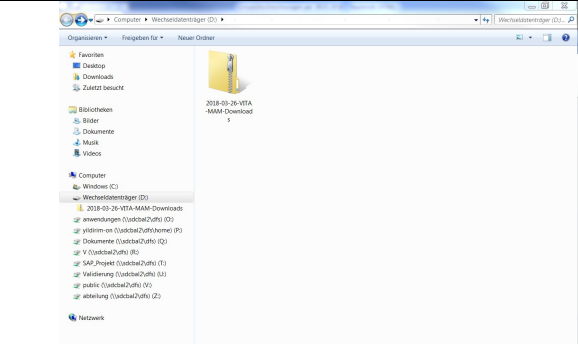• Email: instruments-service@vita-zahnfabrik.com

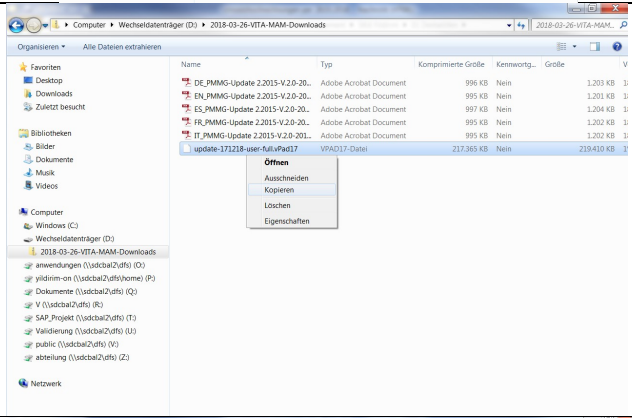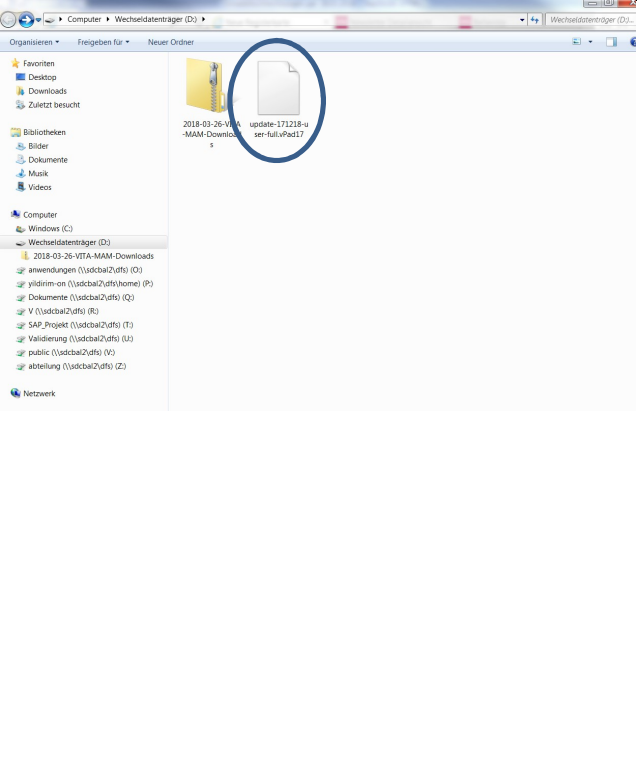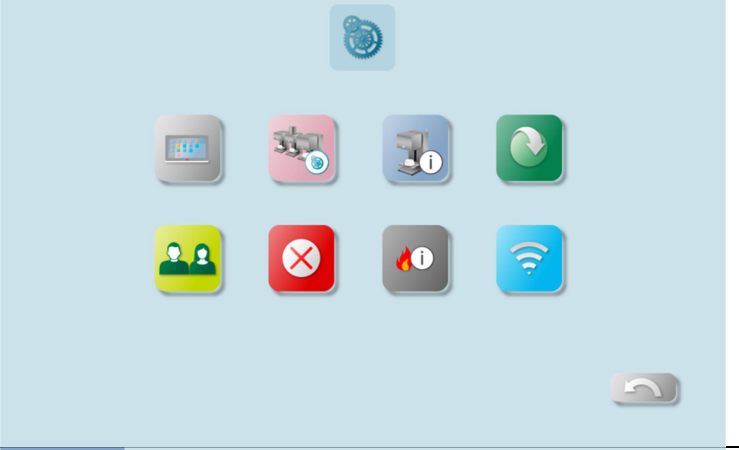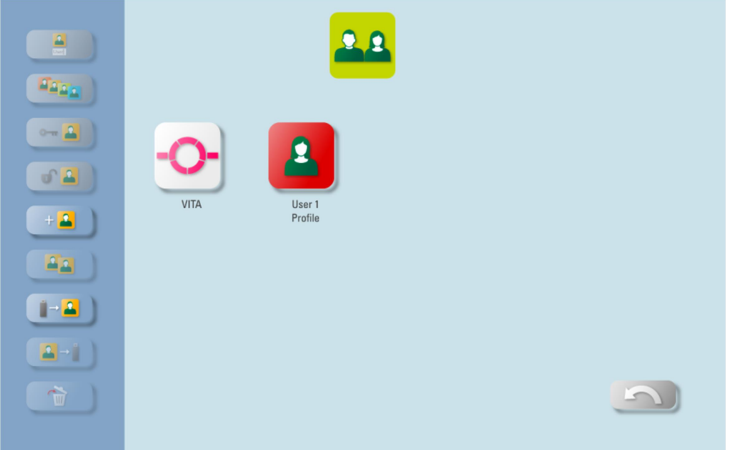**General Procedure**

- Verify that the available software update is valid for this vPad or furnace.

- Download new software update from the Internet and save it to a USB flash drive

- Create a backup copy of your own users or materials and programs on a USB flash drive.

- Install software update for vPad excellence / vPad comfort.

- Check software version in the vPad

- Check the update of the software version in the vPad in Settings, under Instrument Data.

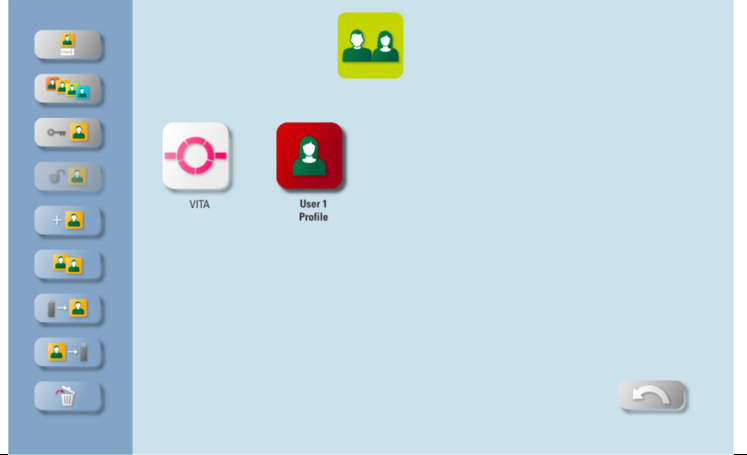- Registration in VITA Update Messenger
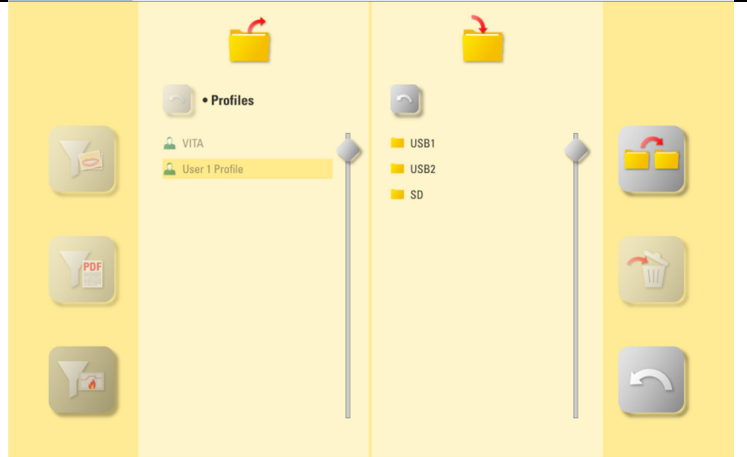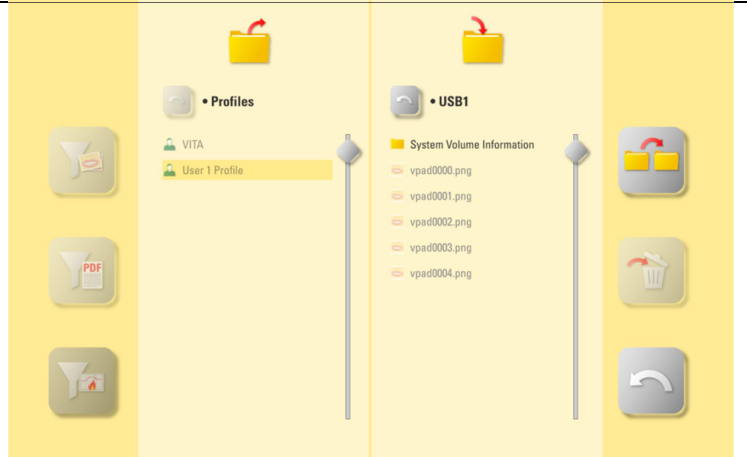
**Download and installation prerequisites**

- Internet access
- Empty USB flash drive

| Step | Input by user | Function |
|------|---------------|----------|

**1. Download new software update from the Internet and save it to a USB flash drive**

| Step | Input by user | Function |
|------|---------------|----------|
| 1.1 | In the Update Messenger, select the link "To Download VITA vPad excellence." | **VITA vPad comfort**<br>Softwareupdate Version 150227 bis Seriennummer 2420155635<br><br>Download Softwareupdate für VITA **vPad comfort**, seriennummernabhängiges Update für Geräte **bis Seriennummer 2420155635**, gültig für alle Geräte der Baureihe.<br>Zum Download VITA vPad comfort<br><br>**VITA vPad excellence**<br>Softwareupdate Version 150227 bis Seriennummer 2320152049<br><br>Download Softwareupdate für VITA **vPad excellence**, seriennummernabhängiges Update für Geräte **bis Seriennummer 2320152049**, gültig für alle Geräte der Baureihe.<br>zum Download VITA vPad excellence |
| 1.2 | Select "Save" -> "Save as" (The diagram on the right shows the Windows 7 interface; but may vary depending on the Windows edition) |  |
| 1.3 | Save the still-packed update file (.zip file) directly onto an empty USB flash drive (drive of the USB flash drive: removable disk). |  |

| 1.4 | Double-click on the downloaded folder |  |
|------|------|------|
| 1.5 | Now copy the update file. |  |
| 1.6 | Paste the copied file into the first level of the removable disk. |  |
| 1.11 | Disconnect the USB flash drive from the computer | |

| 2. Create a backup copy of your own users and programs | | |
|---|---|---|
| **Step** | **Input by user** | **Instrument function** |
| 2.1 | Switch on the instrument using the main switch | The lift moves to the lower position |
| 2.2 | Insert **empty** USB flash drive into the VITA vPad | |
| 2.3 | Press [gear icon] button |  |
| 2.4 | Press [wrench icon] button |  |
| 2.5 | Select user to be exported. |  |

| 2.6 | Press [icon] button |  |
|---|---|---|
| 2.7 | Press [icon] button |  |
| 2.8 | Press [icon] button |  |

| 2.9 | |  |
|-----|---|---|

| | 3. Install update file | |
|---|---|---|
| | **Important note:** | |
| | **The lift must in be in the lower position + no program (incl. standby) active** | |
| **Step** | **Input by user** | **Instrument function** |
| 3.1 | Insert USB flash drive with software file into the VITA vPad | |
| 3.2 | Select ⚙ button |  |
| 3.2 | Select 🔽 button |  |
| 3.3 | Select **Update from USB stick** button |  |
| | **Important note:** | |

**The USB flash drive must remain plugged in throughout the complete installation procedure, and no further buttons may be pressed!**

**Installation is then complete when the <u>actual firing chamber temperature</u> reappears.**
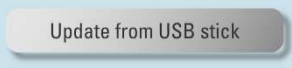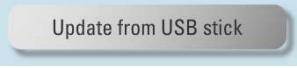


**IMPORTANT:**

**The actual firing chamber temperature as well as the pre-set standby temperature must be displayed!**

**If "0°C" is displayed for both of these values, then the installation of the update is not yet complete!**

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**Information:**

If, when the [Update from USB stick] button is first pressed, the message *"No new update found"* is displayed, then confirm this message with the [✓] button and press the [Update from USB stick] button again.

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**Update in the multiple furnace operation**
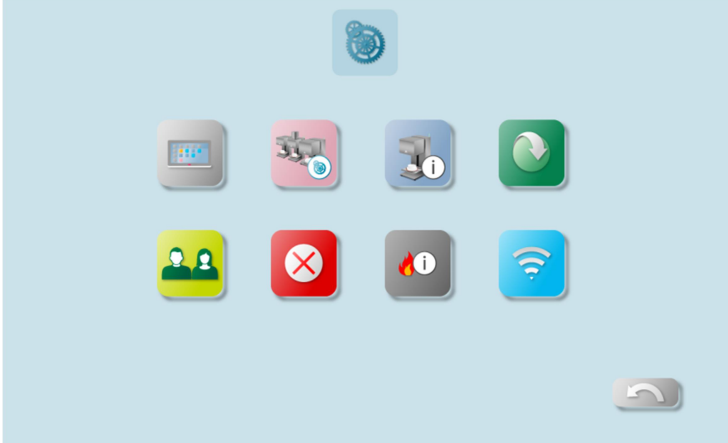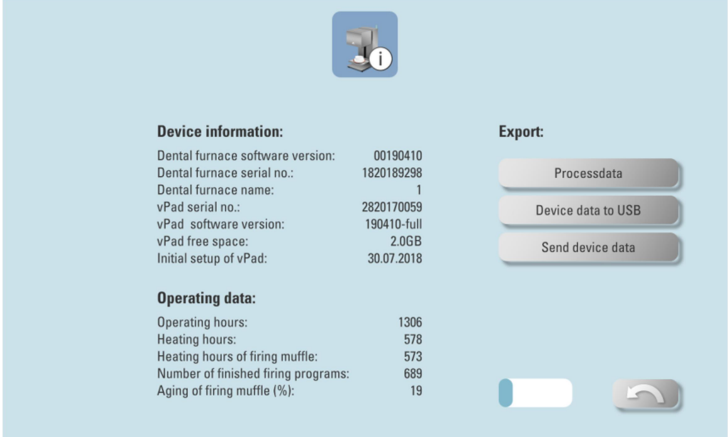
To perform a software update in the multi-furnace operation, the instruments must be individually updated: the switchbox must be removed and the VITA vPad connected to each instrument in turn, and then the update performed according to these instructions.
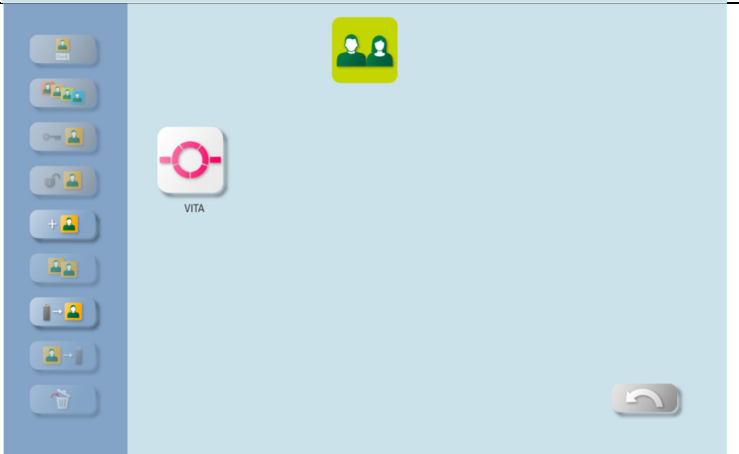
To obtain the desired display sequence of the instruments on the VITA vPad, the instruments must be switched on after the software update in the corresponding sequence using the main switch.
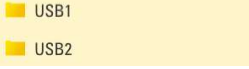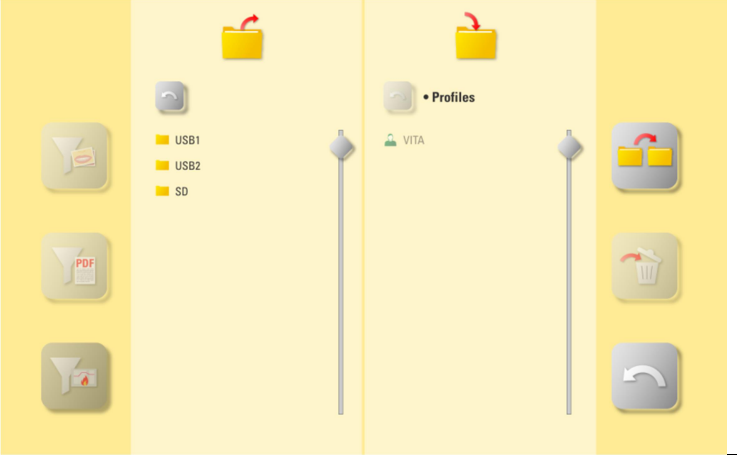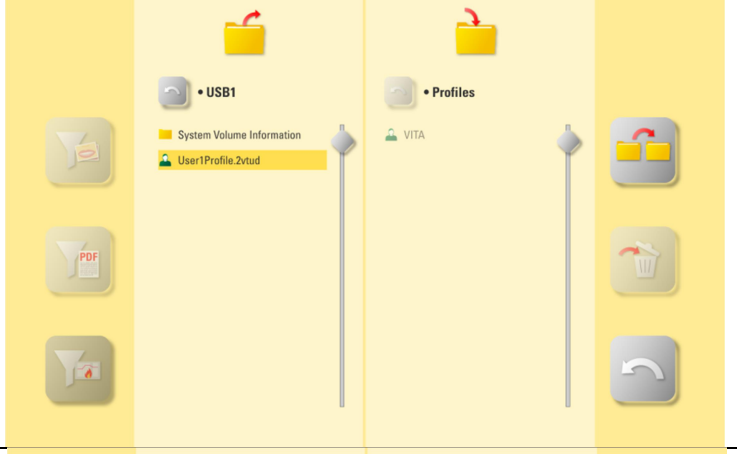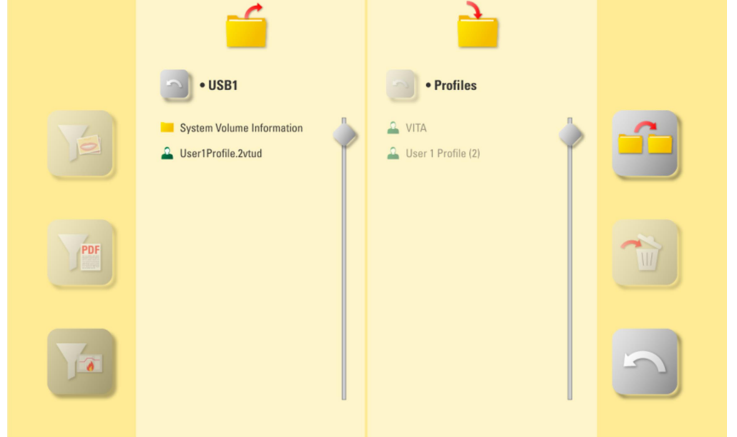
Example: A VITA VACUMAT 6000 M and a VITA VACUMAT 6000 MP are operated via the VITA Switchbox with a VITA vPad comfort. In this case, the VITA VACUMAT 6000 M should be displayed as "No. 1" and the VITA VACUMAT 6000 MP as "No. 2" on the VITA vPad. In this case, the VITA VACUMAT 6000 M must first be switched on with the main switch. After that, please wait until the start menu is displayed on the VITA vPad. Only then may the VITA VACUMAT 6000 MP - which should be displayed as "No. 2 - be switched on with the main switch. This instrument is now automatically added to the start menu in the desired position.

Please note that after installing the new software, the instrument data and the instrument settings must be entered and checked in the service area for each individual instrument! See the next section of these instructions on this.
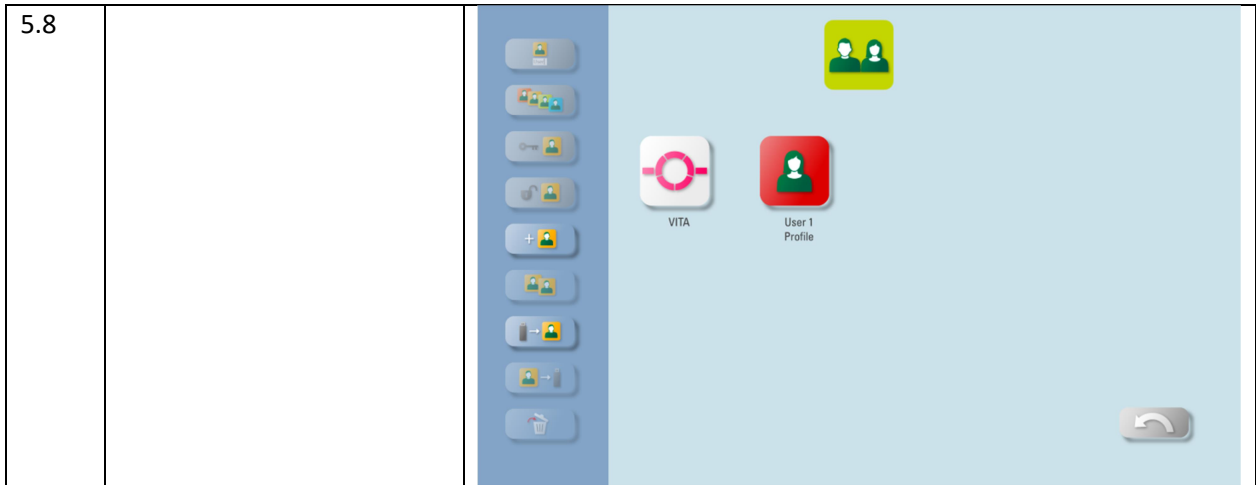
| | 4. Check software version in the vPad | |
|---|---|---|
| **Step** | **Input by user** | **Instrument function** |
| 4.1 | Press [gear] button |  |
| 4.2 | Press [info] button |  |
| 4.3 | Please check the software version to see if the new software has been installed properly. If the current version is not displayed, the update must be repeated! |  |

| 5. Reinstall your own profile and programs | | |
|---|---|---|
| **Step** | **Input by user** | **Instrument function** |
| 5.1 | Insert USB flash drive with previously secured users and programs into the VITA vPad | |
| 5.2 | Press ⚙ button |  |
| 5.3 | Press 👥 button |  |
| 5.4 | Press button |  |

| | | | |
|---|---|---|---|
| 5.5 | Press USB1 USB2 button | |  |
| 5.6 | Select profile to be imported and press button | |  |
| 5.7 | Press button | |  |

| 5.8 | |  |

| **6. Registration in VITA Update Messenger** |
|---|---|---|
| **Step** | **Input by user** | **Function** |
| 6.1 | Bring up www.vita-zahnfabrik.com in the web browser |  |
| 6.2 | Select "Service" -> "VITA Update Messenger" |  |
| 6.3 | Now select "Subscribe right now" and then follow the registration steps. |  |