

**Instructions for carrying out software updates with instruments:**

<b>vPad type</b>	<b>Serial number:</b>	<b>New software update</b>
<b>VITA vPad comfort</b>	<b>From 2420155636 to 2421000000</b>	<b>180208</b>
<b>VITA vPad excellence</b>	<b>From 2320152050 to 2321000000</b>	<b>180208</b>
<b>VITA vPad excellence</b>	<b>From 2820170050</b>	<b>180303</b>

**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](mailto:instruments-service@vita-zahnfabrik.com)

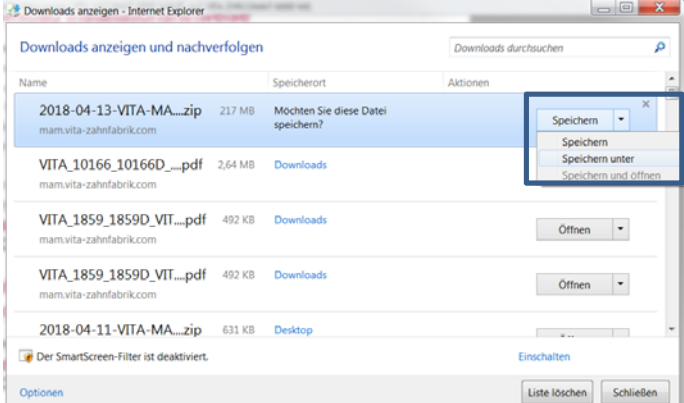
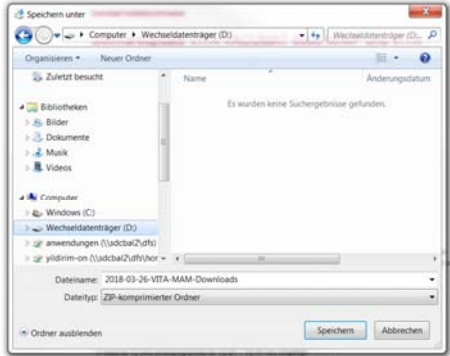

### **General Procedure**

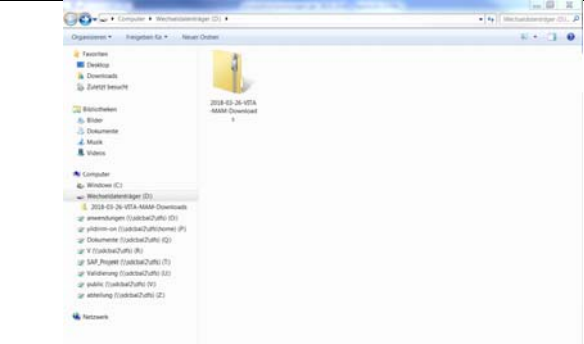
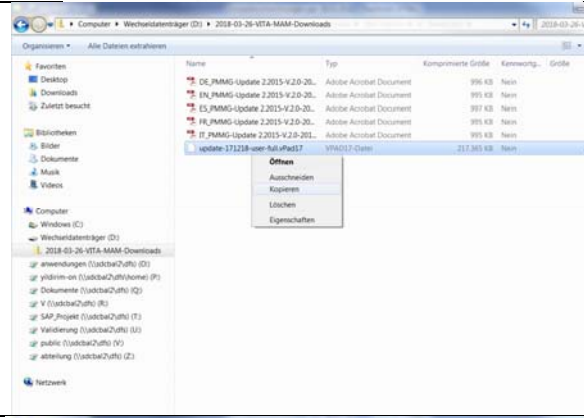

- Verify that the available software update is valid for this vPad or furnace.
- Download new software update from the Internet and save it to a USB flash drive
- Create a backup copy of your own users or materials and programs on a USB flash drive.
- Install software update for vPad excellence / vPad 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


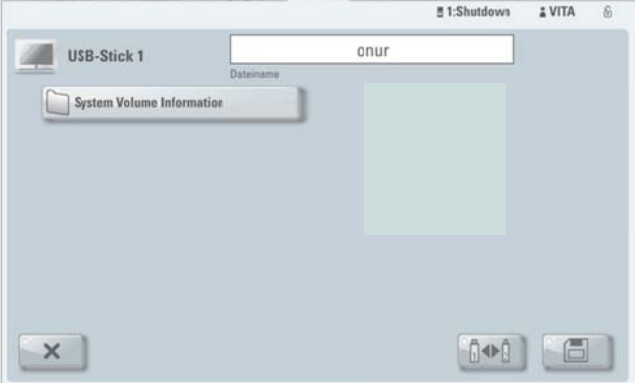

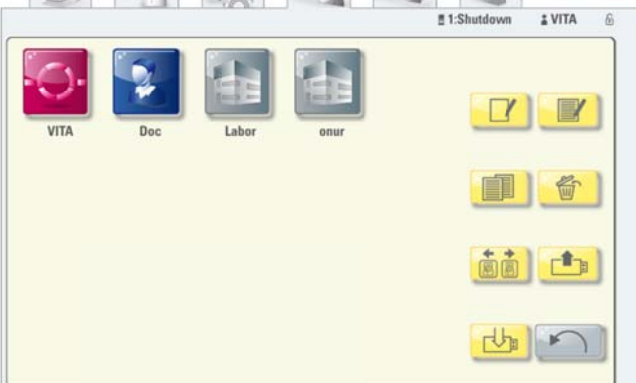
**1. Download new software update from the Internet and save it to a USB flash drive**

Step	Input by user	Function
1.1	In the Update Messenger, select the link "To Download VITA vPad comfort/excellence."	<p><b>VITA vPad comfort</b> Softwareupdate Version 150227 bis Seriennummer 2420155635</p> <p>Download Softwareupdate für VITA vPad <b>comfort</b>, seriennummernabhängiges Update für Geräte bis Seriennummer 2420155635, gültig für alle Geräte der Baureihe.</p> <p><a href="#">Zum Download VITA vPad comfort</a></p> <p><b>VITA vPad excellence</b> Softwareupdate Version 150227 bis Seriennummer 2320152049</p> <p>Download Softwareupdate für VITA vPad <b>excellence</b>, seriennummernabhängiges Update für Geräte bis Seriennummer 2320152049, gültig für alle Geräte der Baureihe.</p> <p><a href="#">zum Download VITA vPad excellence</a></p>
1.2	Select "Save" -> "Save as" (The diagram on the right shows the Windows 7 interface; but may vary depending on the Windows edition)	 <p>The screenshot shows the 'Downloads anzeigen' window in Internet Explorer. A file named '2018-04-13-VITA-MA...zip' is selected, and a context menu is open with 'Speichern' highlighted. Other files listed include PDFs and another zip file.</p>
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).	 <p>The screenshot shows the 'Speichern unter' dialog box. The 'Wechseldatenträger (D:)' is selected in the left pane. The file name is '2018-03-26-VITA-MAM-Downloads' and the file type is 'ZIP-komprimierter Ordner'.</p>  <p>A confirmation dialog box asks: 'Möchten Sie „2018-03-26-VITA-MAM-Downloads.zip“ (217 MB) von „mam.vita-zahnfabrik.com“ speichern?' with 'Speichern' and 'Abbrechen' buttons.</p>

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 <b>empty</b> USB flash drive into the VITA vPad	
2.3	Press  button	
2.4	Press  button	
2.5	Select user to be exported.	
2.6	Press  button	

<p>2.7</p>	<p>Press  button</p>	<p>14:52 26.03.2018</p>  <p>→ The user is saved to the USB flash drive</p>
<p>2.8</p>	<p>Press  button</p>	<p>14:56 26.03.2018</p> 

### 3. Install update file

**Important note:**

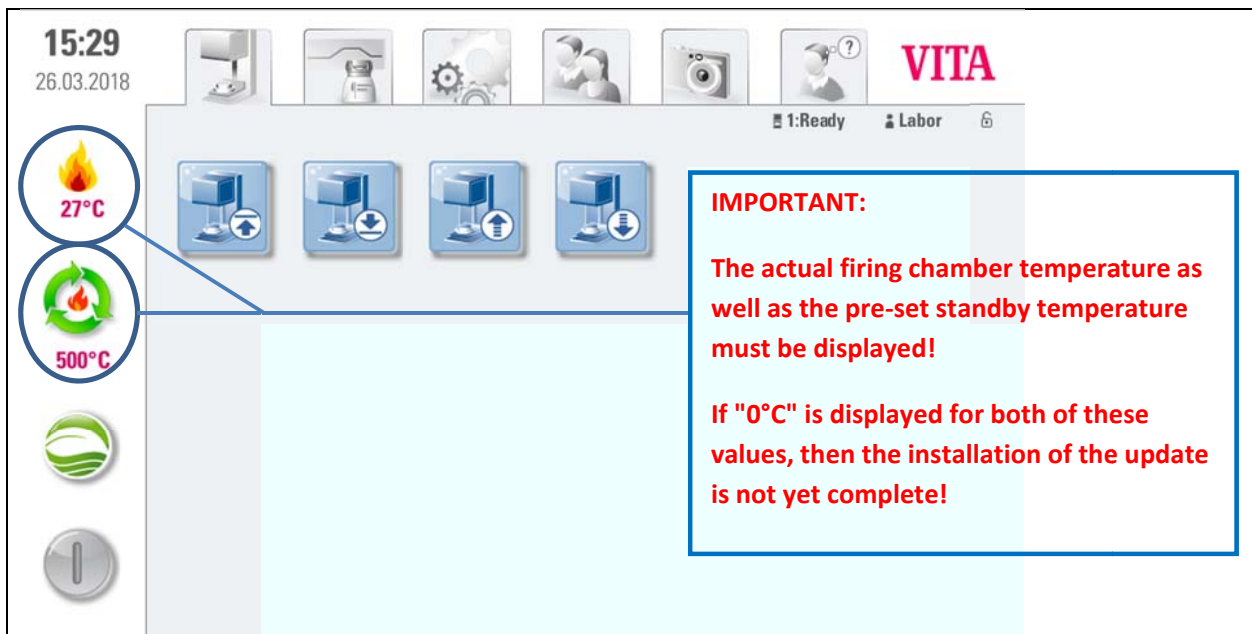
**The lift must in be in the lower position + no program (incl. standby) active**

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	 <p>→ Update is completed</p>
3.3	Acknowledge message with  button	Update completed

**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 actual firing chamber temperature reappears.**



**Information:**



If, when the  button is first pressed, the message *"No new update found"*

is displayed, then confirm this message with the  button and press the  button again.

**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  button	 <p>12:47 19.04.2018</p> <p>1:Shutdown VITA</p>
4.2	Press  button	 <p>16:19 26.03.2018</p> <p>1:Shutdown VITA</p> <p>Multiofen Dentalofen Gerätedaten Screensaver Datum vPad Startprofil Sprachen Werkseinst. Systemschutz Update Abbruch</p>
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!	

4.4

Then confirm with the



button




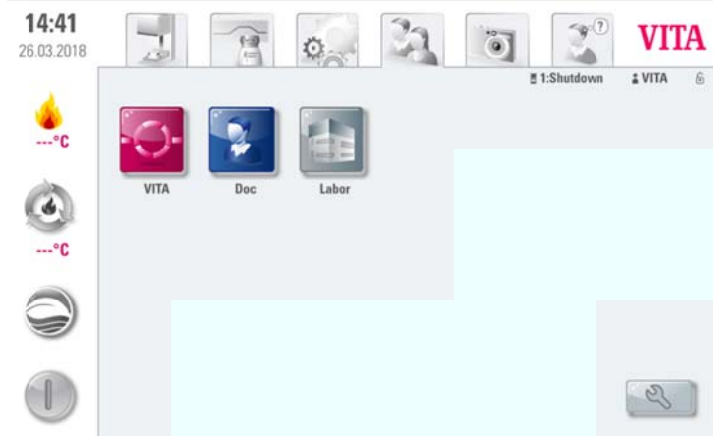

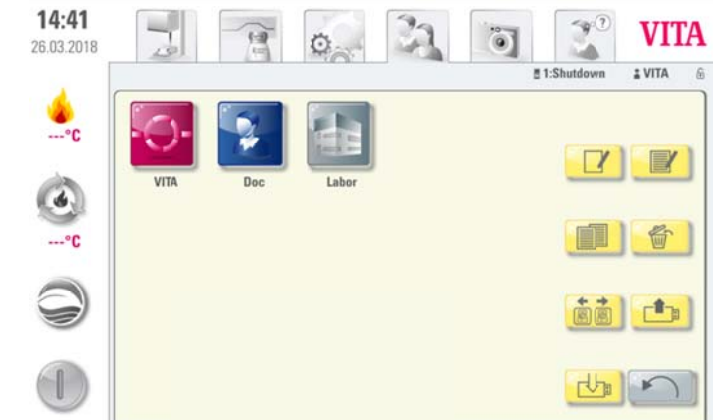
The screenshot shows the VITA control interface. At the top, the time is 13:08 and the date is 27.03.2018. The interface includes several status indicators on the left: a temperature of 23°C, a 500°C target temperature, and a clock showing 19:19. A central dialog box is open, displaying device information and operational data. The dialog has two main sections: 'Geräteinformationen' (Device Information) and 'Betriebsdaten' (Operational Data). The 'Geräteinformationen' section lists: Dertalofen Software-Version: 00160913, Dertalofen Serien-Nr.: 1320189301, Dertalofen Name: Ofen, vPad Serien-Nr.: 2820180188, and vPad Software-Version: 171218-full. The 'Betriebsdaten' section lists: Betriebsstunden: 47, Brennstunden: 23, Brennstunden der Brennmuffel: 16, Anzahl durchgeführter Brennprogramme: 15, and Alterungsgrad der Brennmuffel (%): 1. On the right side of the dialog, there is an 'Export' section with buttons for 'Prozessdaten', 'Betriebsdaten', 'Geräteinformationen', and 'Alle Daten'. At the bottom right of the dialog, there is a checkmark button and a red button with a white 'X'.





Geräteinformationen	
Dertalofen Software-Version:	00160913
Dertalofen Serien-Nr.:	1320189301
Dertalofen Name:	Ofen
vPad Serien-Nr.:	2820180188
vPad Software-Version:	171218-full

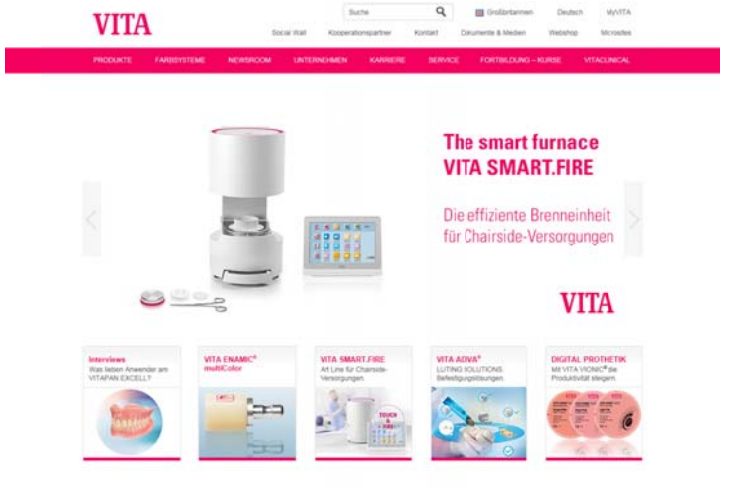
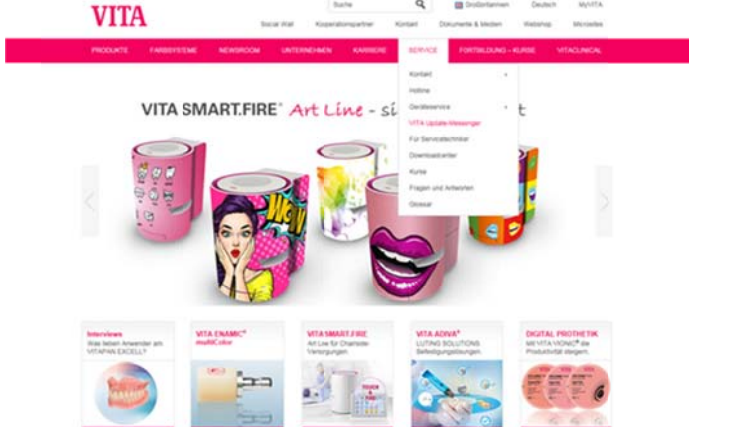
Betriebsdaten	
Betriebsstunden:	47
Brennstunden:	23
Brennstunden der Brennmuffel:	16
Anzahl durchgeführter Brennprogramme:	15
Alterungsgrad der Brennmuffel (%):	1

## 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	

<p>5.5</p>	<p>Select profile to be imported and press  button</p>	 <p>14:32 27.03.2018</p> <p>USB-Stick 1</p> <p>System Volume Information    onur.2vtu</p> <p>1:Shutdown    VITA</p>
<p>5.6</p>	<p>Press  button</p>	 <p>14:33 27.03.2018</p> <p>VITA    Doc    Labor    onur</p> <p>1:Shutdown    VITA</p>

## 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.	