

New as of:

03.2016

Dental Unit Plugins

ApexLocator distance display, automatic headrest adjustment, patient-specific chair programs, time synchronisation

English

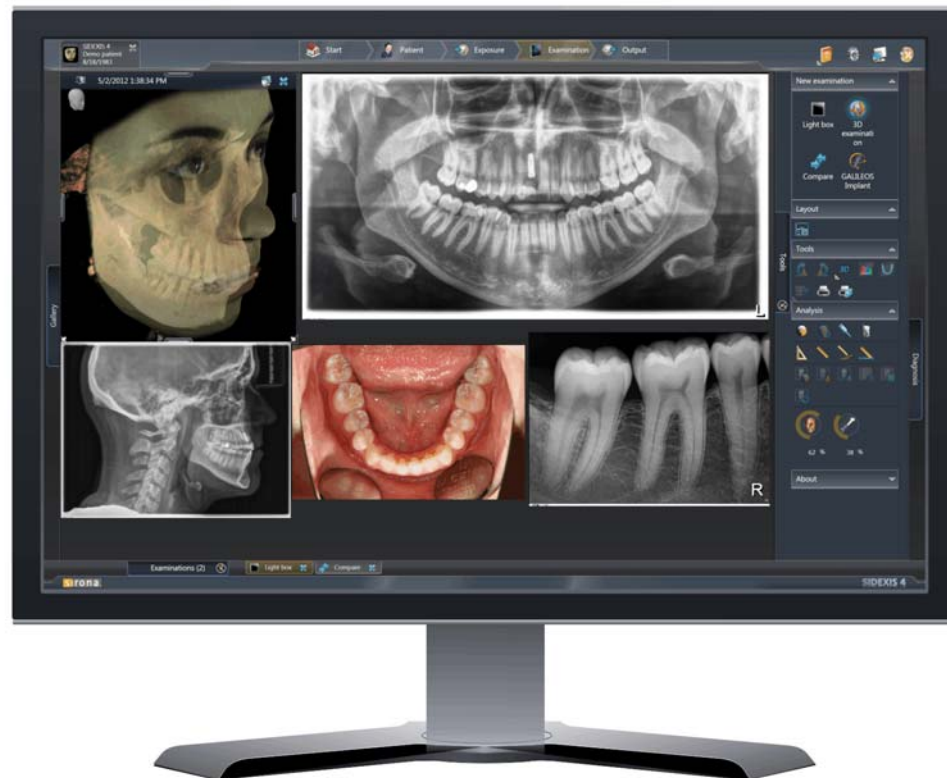


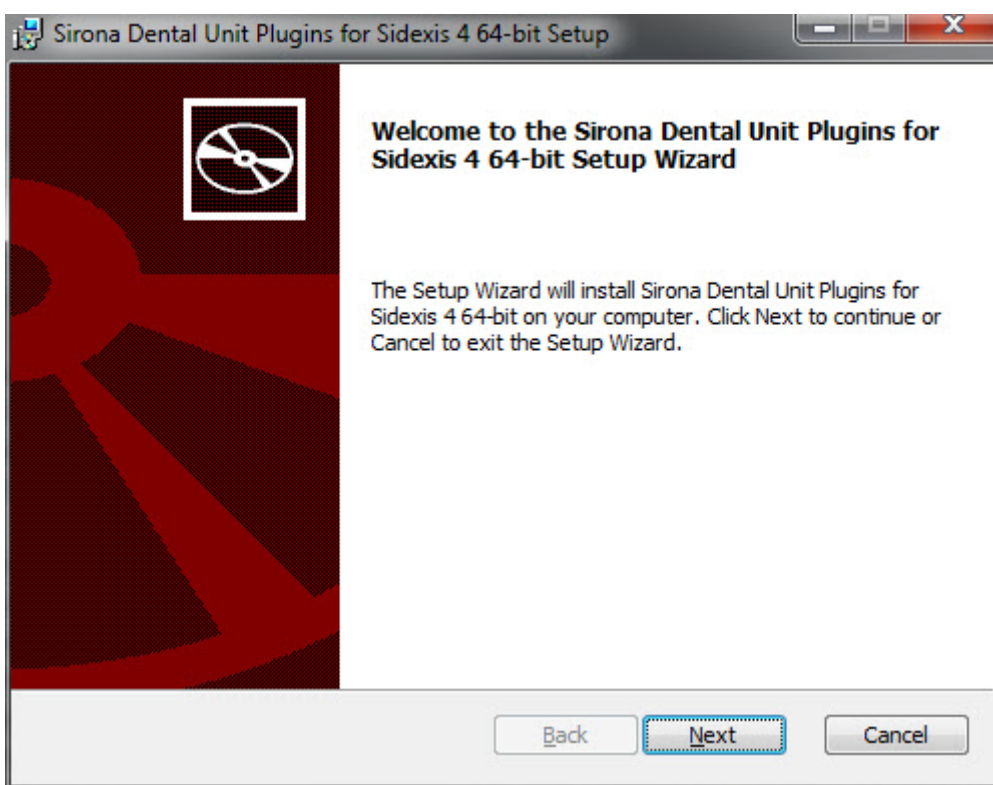
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1 Installation

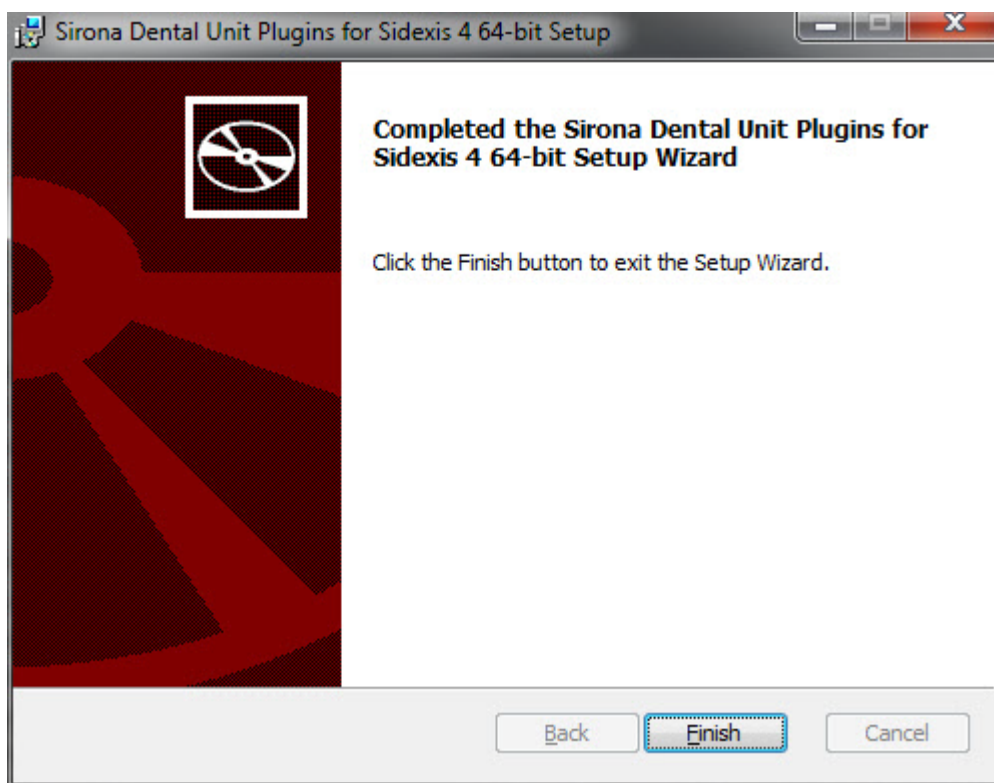
The following Dental Unit Plugins for SIDEXIS 4 are installed as described here:

- Plugin to visualize the distance display of the ApexLocator function in SIDEXIS 4
 - Automatic headrest adjustment plugin
 - Time synchronization plugin
 - Patient-specific chair programs plugin
1. Insert the installation CD into your PC's CD/DVD drive.
 2. Execute the file *DentalUnitPluginsSetup.exe*.



↪ The setup assistant opens.

3. Click on Next in the setup assistant.
4. The plugins are installed.



↪ A confirmation message window appears once the installation has completed.

5. Click on Finish in the confirmation message window.

2 Availability of Dental Unit Plugins

The following table describes which plugin is available for which treatment center.

Plugin	TENEO	SINIUS
Display of dentist and patient on EasyTouch	available	not available
ApexLocator distance display	available	available
Automatic headrest adjustment	available	not available
Patient-specific chair programs	available	not available
Time synchronization	available	available

3 Display of dentist and patient on EasyTouch user interface

3.1 Display dentist on user interface

Description

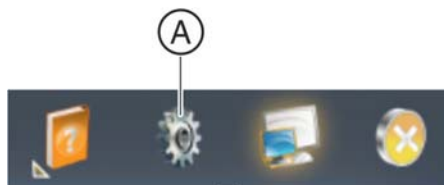
To use the “ApexLocator distance display” and “Patient-specific chair programs” plugins, the dentist for the treatment center must be assigned to a SIDEXIS user.

A code can therefore be set for the SIDEXIS user. A code is suggested for SIDEXIS user selection.

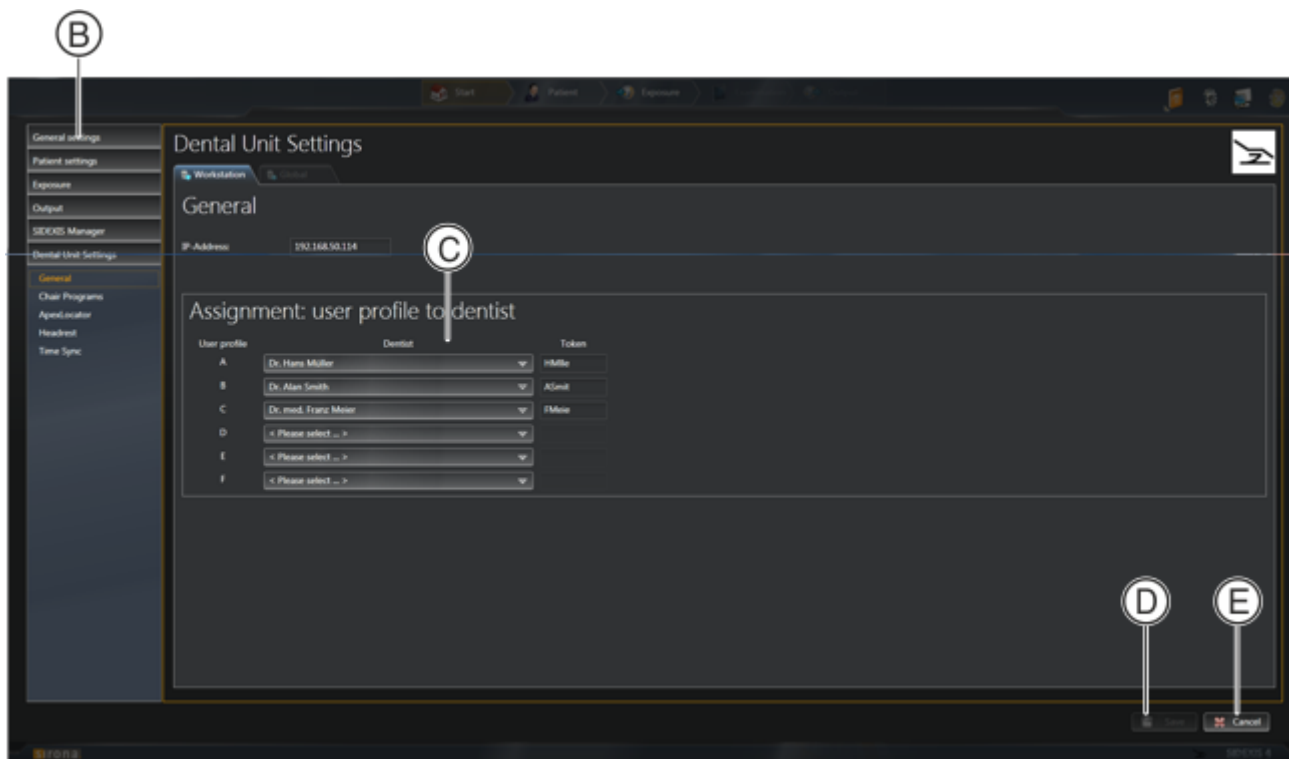
The code is shown on the dental treatment center display.

Assign a SIDEXIS user to a dental treatment center

1. Start SIDEXIS 4.



2. Click on the toothed wheel icon (A) in the header line of the software.
 ↳ The configuration menu opens.



3. Click the Dental treatment center ⇒ General buttons in the structure tree.
 ↳ Region Correlation: Dentist user profile (C) is shown. The drop-down menu here shows as many entries as there are users logged on in SIDEXIS 4.
4. In the region Correlation: Dentist user profile (C) select via the drop-down menu each user that should be assigned to the treatment unit.
 ↳ Initials are automatically created for each selected user. These initials are displayed next to the drop-down menu. The default initials are created using the first letter of the first name and the first 4 letters of the surname.
5. To change default initials, mark the initials and enter the desired initials.
6. Click on the Save button (D).
 ↳ The selected SIDEXIS users are assigned to the treatment unit and can use the Dental Unit Plugins for SIDEXIS 4.



↪ If SIDEXIS 4 is started, the user's initials are displayed at the bottom right of the treatment unit user interface.

3.2 Displaying patients on the user interface



If a SIDEXIS user is assigned to a treatment unit dentist, the surname of the logged on patient is displayed at the bottom left of the treatment unit user interface.



If the patient's name is too long for the display, a symbol is displayed.

If the bottom left region is occupied by a configurable key, the name of the patient is not displayed.

4 ApexLocator distance display plugin

4.1 Description of plugin

The plugin includes the following functionalities:

- Visualization of the following ApexLocator functionalities in SIDEXIS 4:
 - Current measurement value of the Apex working length
 - Configuration value of the Apex Stop and its visibility
 - Measurement value of the maximum Apex working length
 - Name of the file used (in endotherapy)

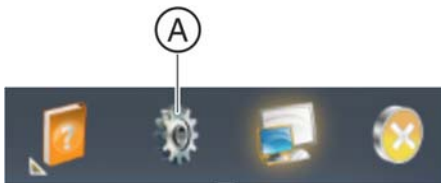
Visualization in SIDEXIS 4 corresponds with the distance display of the ApexLocator function on the user interface of the dentist's unit

- The ApexLocator function distance display in SIDEXIS 4 can be scaled and freely positioned (even on a 2nd monitor).
- The plugin can be activated or deactivated via SIDEXIS 4 for each dentist. The plugin for the dentist currently logged in can be activated or deactivated via the user interface in the dentist's unit.

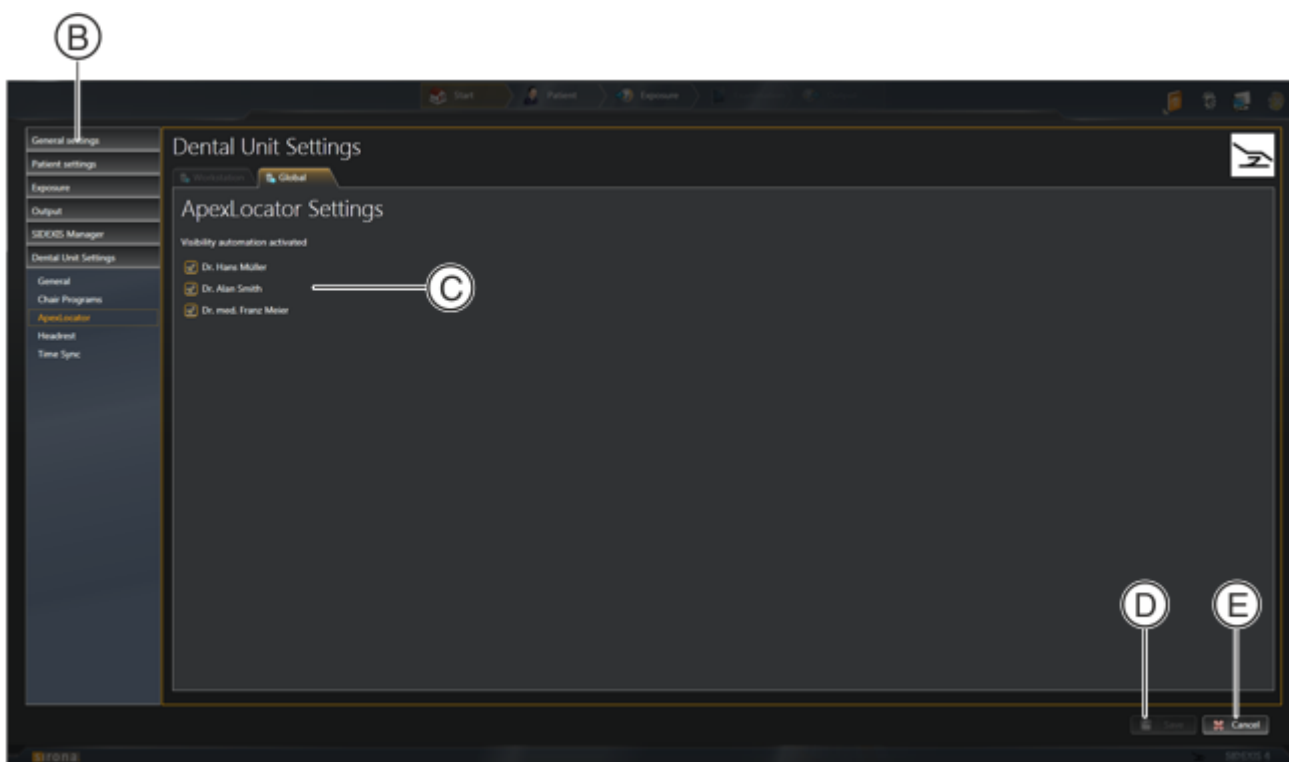
4.2 Operation

Activate and deactivate plugin via SIDEXIS 4

1. Start SIDEXIS 4.



2. Click on the toothed wheel icon (A) in the header line of the software.
 ↳ The configuration menu opens.



3. Click the Dental treatment center ⇒ ApexLocator buttons in the structure tree.
4. Place a check for each dentist in the ApexLocator settings (C) region for whom the automatic ApexLocator display is to be activated in SIDEXIS 4.
 Dentists who are not assigned to a treatment unit are grayed out here and cannot be selected. If the plugin is to be activated for a grayed out dentist, assign this dentist to a user profile the treatment unit. See Display dentist on user interface [→ 6]
5. Click on the Save button (D).
 ↳ The plugin is activated for the selected dentist. The ApexLocator display is automatically shown in SIDEXIS 4.

Activating and deactivating the plugin via user interface in the dentist's unit

- Touch the ApexLocator function distance display on the user interface of the dentist's unit.
- ↪ The plugin is activated or deactivated for the dentist logged in. This causes the distance display of the ApexLocator function in SIDEXIS 4 to be either hidden or displayed.



ApexLocator function distance display in SIDEXIS 4

5 Automatic headrest adjustment plugin

5.1 Description of plugin

The *automatic headrest adjustment* plugin is available for TENEO treatment units with motorized headrest.

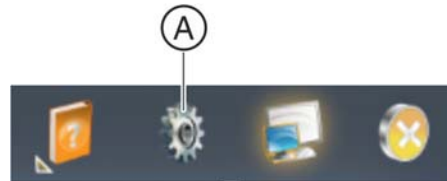
The plugin includes the following functionalities:

- The plugin automatically saves the position of the headrest for the logged on patient in SIDEXIS 4
- If the patient is logged on in SIDEXIS 4, the headrest will automatically move to the saved height.
- If the headrest is manually moved while a patient is logged on, then the changed height of the headrest is automatically saved for the patient logged on. The height of the headrest is also saved when the automatic headrest adjustment is deactivated.
- The automatic headrest adjustment can be activated and deactivated via SIDEXIS 4.

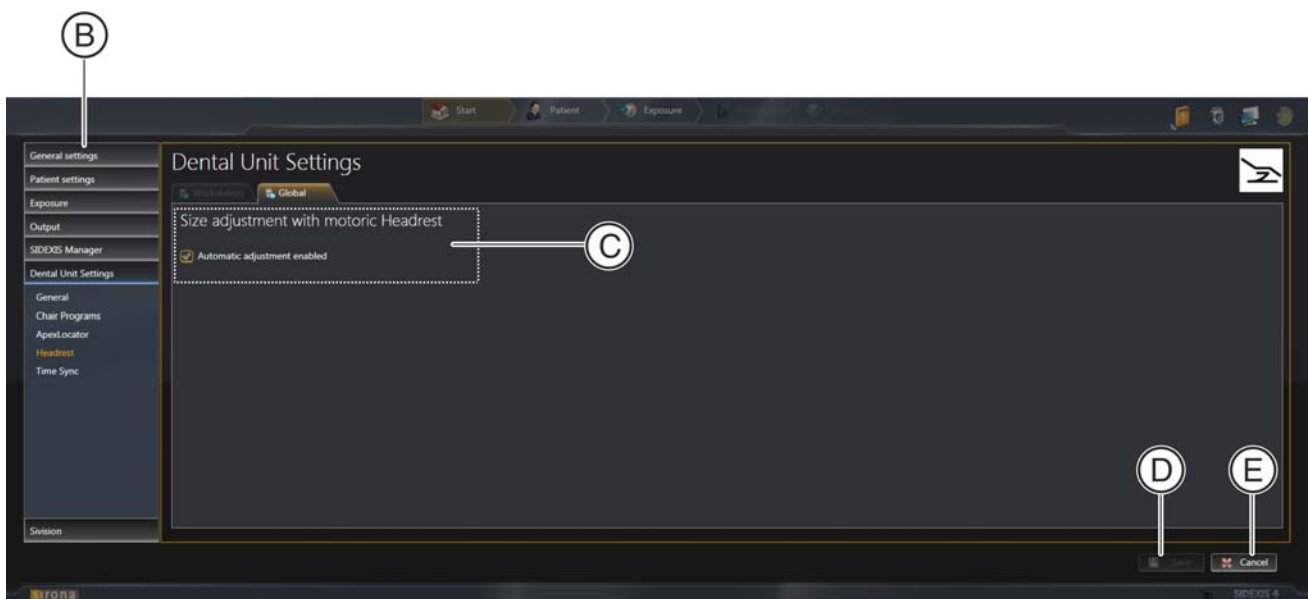
5.2 Operation

Activating and deactivating automatic headrest adjustment

1. Start SIDEXIS 4.



2. Click on the toothed wheel icon (A) in the header line of the software.
 ↳ The configuration menu opens.



3. Click the Dental treatment center ⇒ Headrest buttons in the structure tree (B).
4. To activate the automatic headrest adjustment, place a check in "*Automatic adjustment activated*" in the Motor-driven headrest size adjustment (C) region.
 or
 > To deactivate the automatic headrest adjustment, remove the check in "*Automatic adjustment activated*" in the Motor-driven headrest size adjustment (C) region.
5. Click on the Save button (D).
 ↳ The automatic headrest adjustment is activated or deactivated.

Saving the headrest height for a patient (on first login)

1. Log a newly created patient onto SIDEXIS 4.
2. Slide the headrest to the required height.
 - ↳ after 5 seconds, the position of the headrest will be saved automatically.
 - ↳ At next patient logon, the headrest will automatically move to the saved position.

Adjust the headrest height for a patient

- ✓ The patient has been logged on to SIDEXIS 4 at least once and a headrest height has been saved.
- Log the patient onto SIDEXIS 4.
- ↳ The headrest height will move to the saved height.

Changing the saved headrest position for a patient

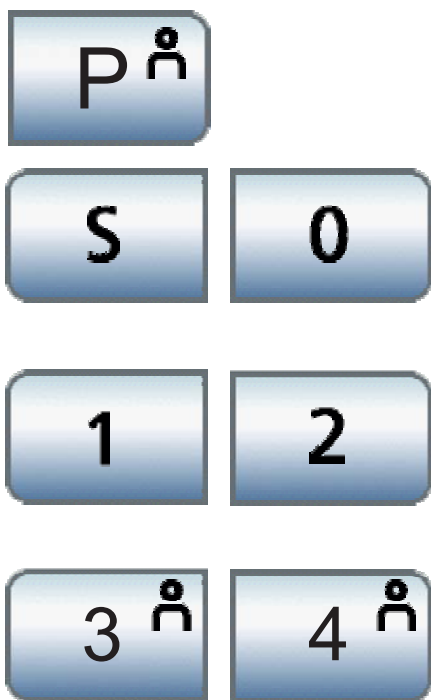
- ✓ The patient is logged onto SIDEXIS 4.
- Slide the headrest to the required height.
- ↳ After 5 seconds, the changed height of the headrest will be saved automatically.
- ↳ At next patient logon, the headrest will automatically move to the saved height.

6 Patient-specific chair programs plugin

6.1 Description of plugin

The *patient-specific chair programs* plugin includes the following functionalities:

- Using this plugin, the dentist can save individual chair positions for the patient in SIDEXIS 4. Each of the chair positions apply to one dentist and one patient. I.e. each dentist can save his/her own chair positions for each patient. 6 chair positions can be saved for each patient and dentist. The patient-specific chair programs are retrieved via the treatment unit user interface.
- The plugin can be activated and deactivated for a dentist via SIDEXIS 4.
- If the plugin is activated for a dentist, a key appears on the treatment unit of the user interface. The plugin for the logged on patient is activated or deactivated using this key.
- The keys for which a patient-specific chair program is saved are labeled. Keys 3 and 4 shown in the image have patient-specific chair programs saved.
- The keys for which no patient-specific chair program is saved are set to the default chair programs.



6.2 Operation

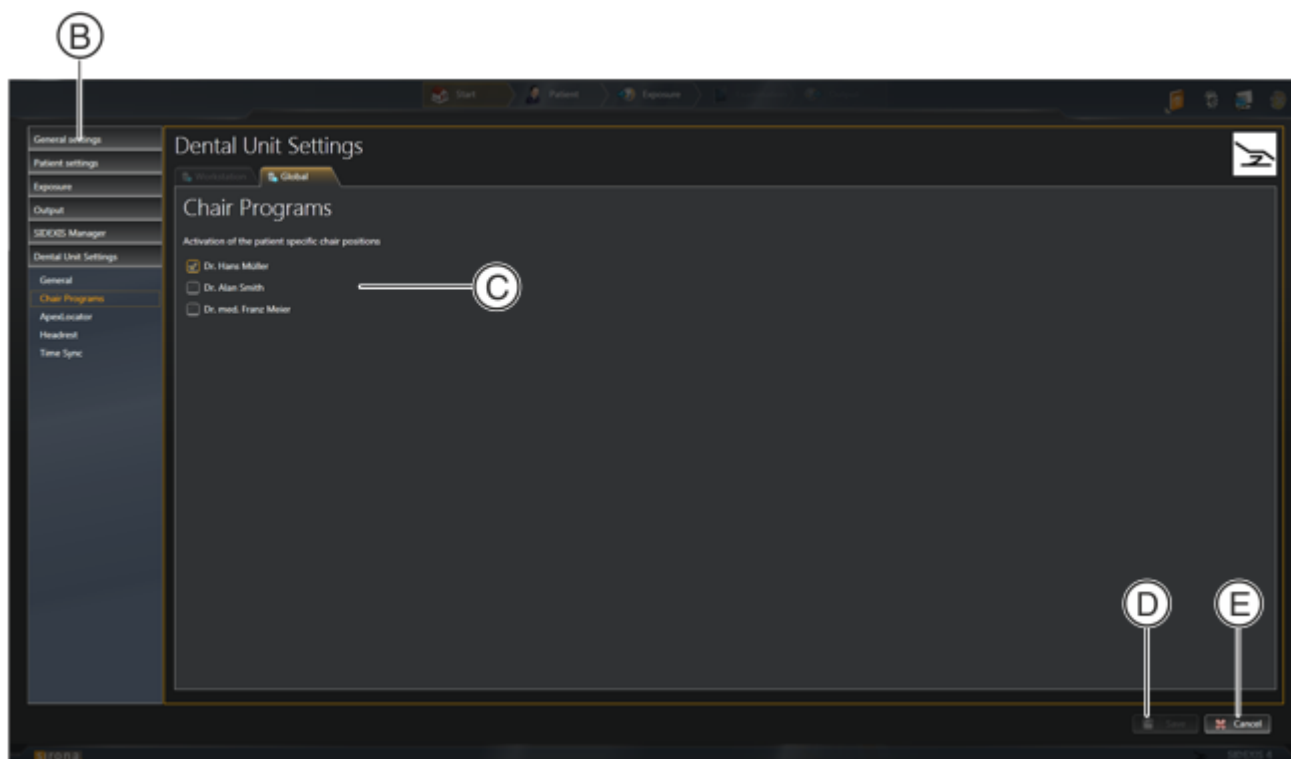
Activating plugin for dentists

- ✓ The dentist is assigned to the treatment center. See Display dentist on user interface [→ 6]

1. Start SIDEXIS 4.



2. Click on the toothed wheel icon (A) in the header line of the software.
 - ↳ The configuration menu opens.



3. Click the Dental treatment center ⇒ Chair programs buttons in the structure tree.
4. Place a check for each dentist in the Chair programs (C) region for whom the *patient-specific chair programs* plugin is to be activated. Dentists who are not assigned to a treatment unit are grayed out here and cannot be selected. If the plugin is to be activated for a grayed out dentist, assign this dentist to a user profile the treatment unit. See Display dentist on user interface [→ 6].
5. Click on the Save button (D).
 - ↳ The plugin is activated for the selected dentist. The *patient-specific chair programs* key is displayed on the user interface of the treatment unit.

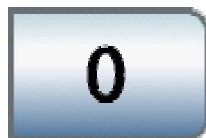
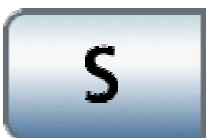
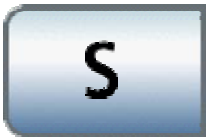


Activating plugin for patients

1. Log a patient onto SIDEXIS 4.
2. Click the *patient-specific chair programs* key on the user interface of the treatment unit.

↪ The *patient-specific chair programs* key is highlighted orange.

↪ If specific chair programs have already been saved for the patient, the chair program keys (S, 0, 1, 2, 3, 4) for which a patient-specific chair program has been saved are labeled. Keys 3 and 4 shown in the image have patient-specific chair programs saved.

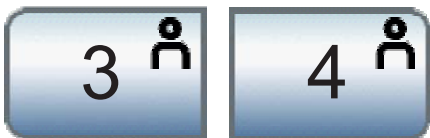
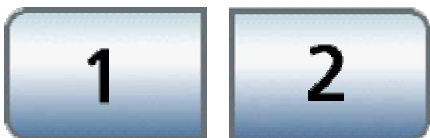
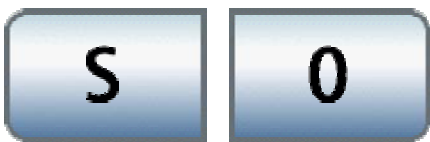


Retrieving patient-specific chair programs

✓ The *patient-specific chair programs* plugin is activated.

➤ Press a labeled chair program key.

↪ The chair moves to the saved position. The key is highlighted orange. In the image, the patient-specific chair program on key 4 has been selected.

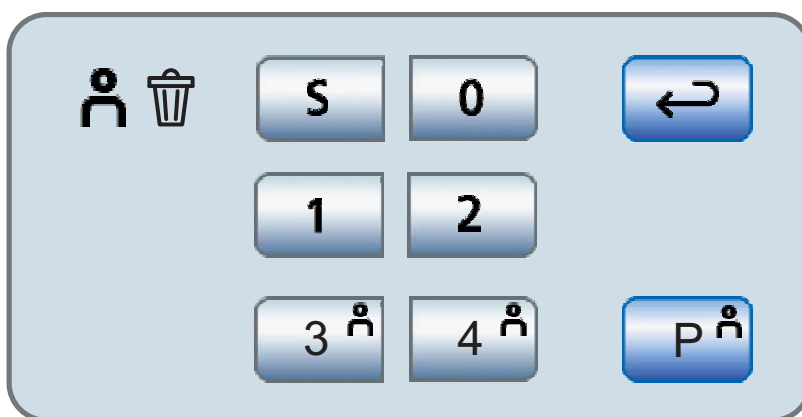


Saving patient-specific chair program

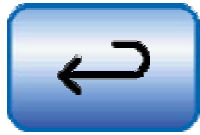
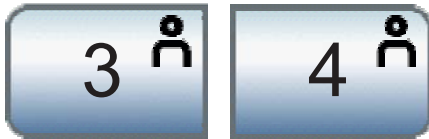
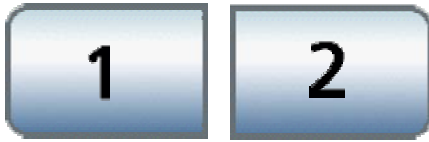
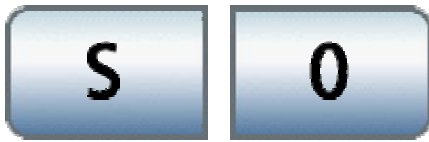
1. Log a patient onto SIDEXIS 4.
2. Activate the *patient-specific chair programs* plugin.
3. Move the patient chair to the desired position.
4. Hold down a chair program key (S, 0, 1, 2, 3, 4) for 5 seconds.
 - ↳ The chair position is saved for the logged on patient and dentist. A tone is heard and the key is labeled. Keys 3 and 4 shown in the image have patient-specific chair programs saved.

Deleting patient-specific chair programs

1. Log the patient onto SIDEXIS 4 for whom patient-specific chair programs are to be deleted.
2. Hold down the *patient-specific chair programs* key for 5 seconds and then let go.



- ↳ The deletion dialog box for patient-specific chair programs is displayed.



3. To delete a patient-specific chair program, press one of the labeled chair program keys in the deletion dialog box. Keys 3 and 4 shown in the image have patient-specific chair programs saved.

4. To delete all patient-specific chair programs for the logged on patient, click the *delete all patient-specific chair programs* key.

5. To close the deletion dialog box, press the *back* key.

7 Time synchronization plugin

7.1 Description of plugin

The time synchronization plugin includes the following functionalities:

- Time synchronization of the PC with the treatment unit time. This compares the PC's time with the treatment unit's time once per minute.

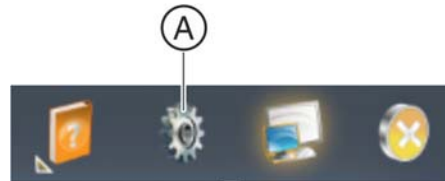
If the discrepancy is greater than one minute, the treatment unit takes on the PC's time.

- The plugin can be activated and deactivated via SIDEXIS 4 and via the user interface of the dentist's unit.

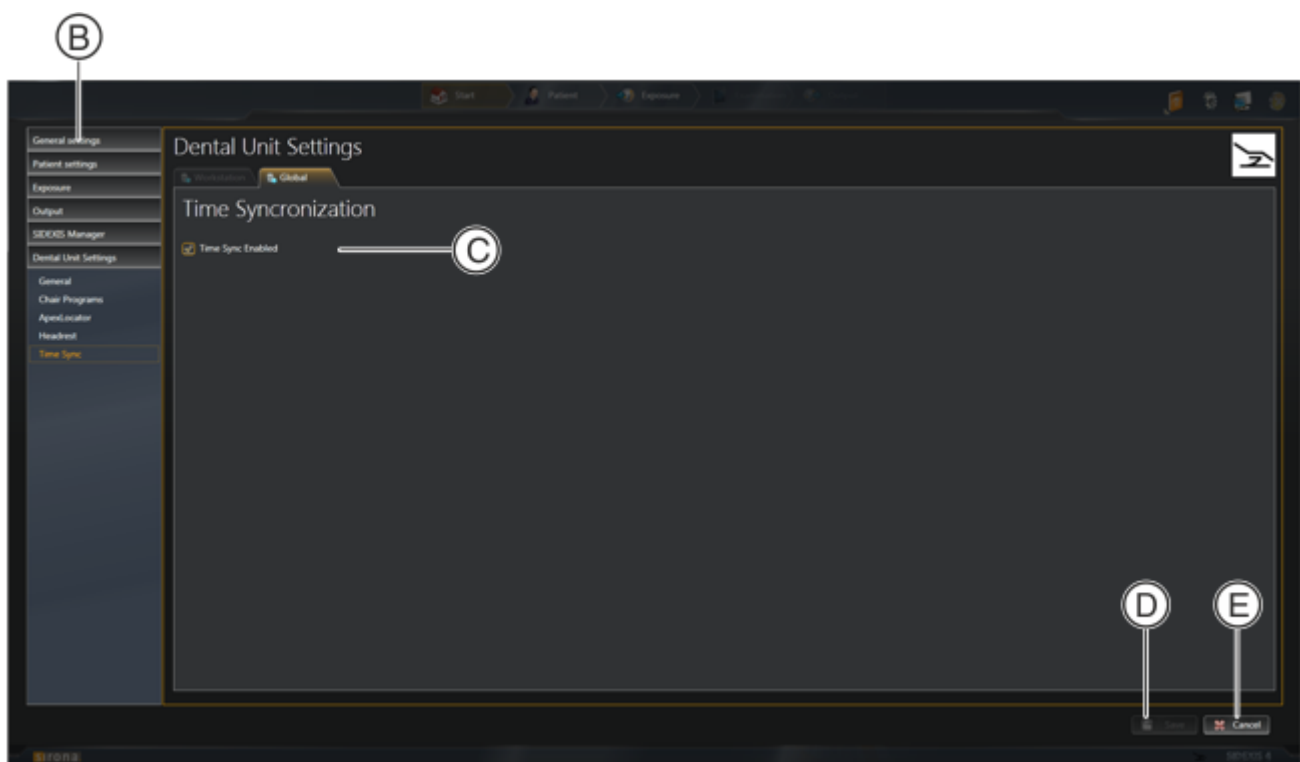
7.2 Operation

Activate and deactivate plugin via SIDEXIS 4

1. Start SIDEXIS 4.



2. Click on the toothed wheel icon (A) in the header line of the software.
 ↳ The configuration menu opens.



3. Click the Dental treatment center → Time synchronization buttons in the structure tree (B).
4. To activate the plugin, place a check in "*Time synchronization activated*" in the Time synchronization (C) region.
 or
 > To deactivate the plugin, remove the check in "*Time synchronization activated*" in the Time synchronization (C) region.
5. Click on the Save button (D).
 ↳ The plugin is activated or deactivated.

We reserve the right to make any alterations which may be required due to technical improvements.

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