

CEREC SW 4.5 Upgrade Description

This chargeable upgrade requires a CEREC SW 4.5 software license, which has to be activated via the license manager. Of course, our CEREC Club members will receive this license free of charge. However, the software is no longer distributed exclusively on DVD but also via my.cerec.com.

New in CEREC SW 4.5.0

- “AutoDetect”: Recognizes the most popular restorations (crowns, inlays/onlays, veneers).
- “Shade Detection”: Automatic analysis of tooth shade according to Vita 3D Master or Vita Classic.
- Export of scan data in *.stl format. The additional “Open Scan Export” license is required for this.
- Better initial proposals based on improved biojaw algorithm.
- Optimization of user interface at various points for greater software intuitiveness.
- Reduction in the number of steps required in each user phase.
- Automatic calculation of insertion axis.
- Realistic detailed representation and shade of the models and restorations.
- Improved clarity in the design phase due to smaller tool window view.
- Improved milling strategy: Significantly better fit as well as more precise adherence to minimum wall thicknesses particularly in the case of complex preparation molds.
- Shorter calculation and waiting times due to background calculations of anticipated work steps.
- Less total computing power.
- Integration of new materials:

Manufacturer	Material
GC	<ul style="list-style-type: none"> • Initial LRF (grinding)
Ivoclar Vivadent	<ul style="list-style-type: none"> • IPS e.max ZirCAD LT (milling+ grinding) • Telio CAD (milling+ grinding)
Sirona	<ul style="list-style-type: none"> • CEREC Zirconia meso (milling+ grinding) • inCoris ZI meso (milling+ grinding)
Vita	<ul style="list-style-type: none"> • ENAMIC multiColor • CAD-Temp IS (milling+ grinding) • SUPRINITY IS

Please observe regional restrictions regarding TiBase and materials.
Refer to document CEREC-4_5_0-TiBase-Material-Compatibility.pdf at my.cerec.com.

Changes

- Scan of mushbites no longer possible.
- Improved communication with CEREC SpeedFire.
- CEREC 3 and inLab MC L are no longer supported.
- Importing .RSTIMG files is no longer possible.

Bug fixes

- Text entry error in the parameter dialogs.
- Errors when deleting the model in the scan tab.
- Search field functionality has been corrected.
- Occasionally occurring display errors of the articulation when using the incisal pin.
- Errors with valid parameter values marked as invalid.
- Trim option display error. This is no longer visible together with the articulation tool.
- Scan posts are once again correct in the case details.
- Manufacturers of abutments are sorted correctly in alphabetical order.
- Connection geometries of adhesive caps are now taken into consideration with minimum geometries, bottoms and initial proposals.
- Correct JMDTXD import.
- Correct model color after using Smile Design.

Installation & License

- Perform a data backup prior to installation.
- Do not perform installation routine on multiple CEREC units or workstations at the same time if they are connected via a network.
- Before beginning the installation, make sure the patient database is saved in its own directory under Configuration/Settings/Patient Database – not in the top level of a drive (e.g., “D:\Data” rather than “D:\”).
- If CEREC SW and inLAB SW are to be installed on the same computer, both products must be installed in separate directories by means of user-defined installations.
- If the software starts in demo mode due to missing licenses, a dialog will appear.
- The new “Shade Detection” tool must be calibrated with a new color calibration set, which must be ordered separately. First generation Omnicams do not support this new feature. This can be checked by entering the serial number of the camera in an online tool on my.cerec.com. The Omnicam may be exchanged for an additional charge.
- NVIDIA graphic adapters require a special driver version. If you have a NVIDIA graphic adapter, please check your version and update your driver if it is older than version 358.50. You can find the proper driver in the download area at my.cerec.com.