stomdevice

inLab
TIPS & TRICKS



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The Dental Company

sirona.

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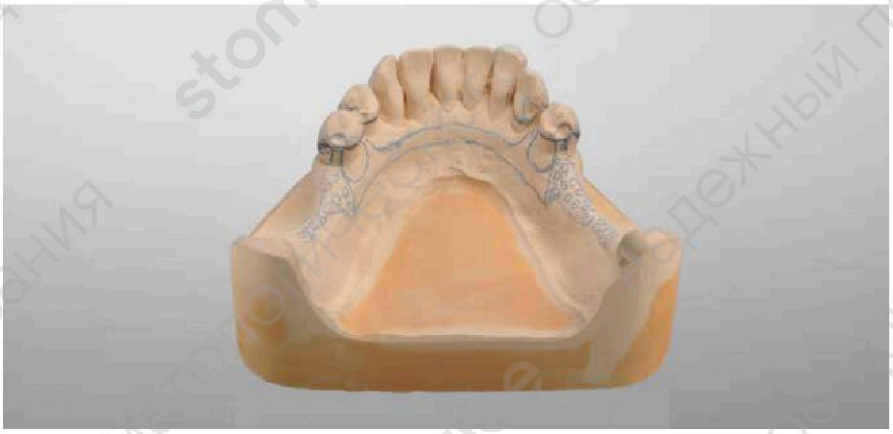
TIPS & TRICKS – **SCAN**



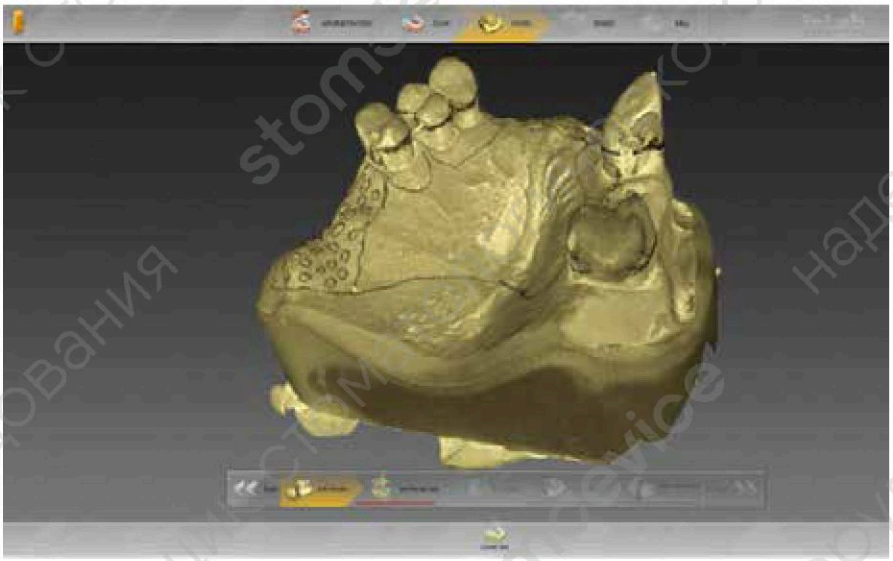
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TEXTURE SCAN
WITH THE inEos X5

The inEos X5 scanner supports you in inLab SW 15.0 with the visualization of textures, for example the design of removable partial frameworks. The planned model cast prosthesis including clips can be drawn on the working model and scanned with inEos X5.



The margin liner from Kerr™ (red for light, blue for darker stone models), for example, is ideal for marking on the model.



The line textures are then displayed on the 3D model that is calculated.



Partial framework design with inLab SW 15.0 (Removable Dental Prosthesis Module).

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TIPS & TRICKS – **DESIGN**

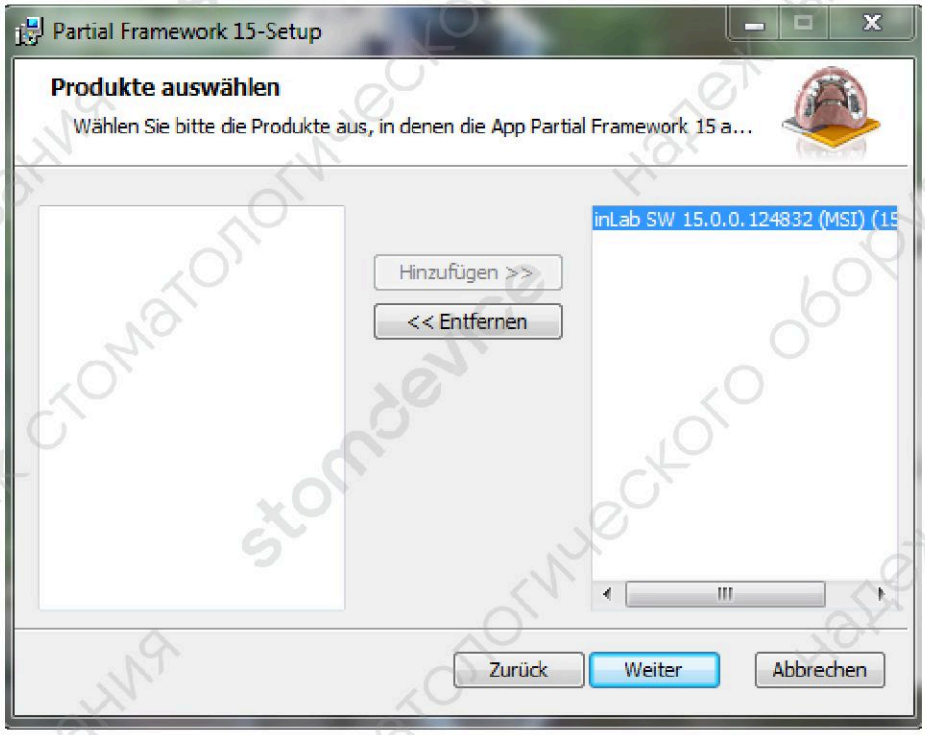


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INSTALLATION OF **Partial Framework**

inLab Partial Framework 15.0 software plug-in can be downloaded and installed here:
http://www.sirona.com/de/produkte/digitale-zahnheilkunde/design-mit-inlab/?tab=3906

When installing „Partial Framework" (see figure), the correct link must be selected in order to be able to subsequently exchange the data sets between the inLab software and the „Partial Framework" application.



Afterwards, take note of the following steps for designing partial framework:

- Calculation of the model in inLab software (MODEL phase)
- inLab software system menu > "Run application..." > "Partial Framework"

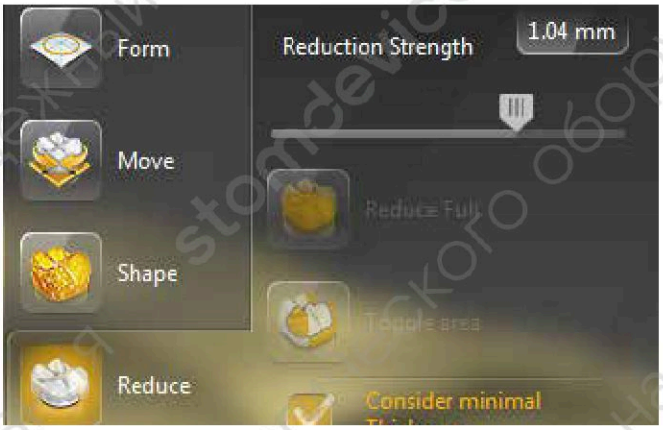


The Partial Framework application starts.



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REDUCING WITH AN OCCLUSAL STOP

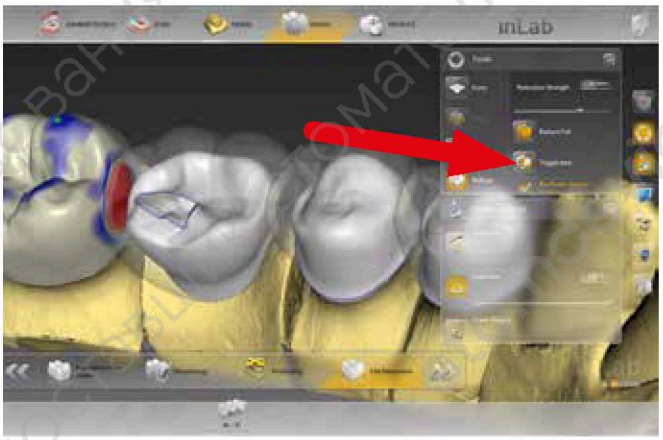


Select the restoration you would like to reduce.

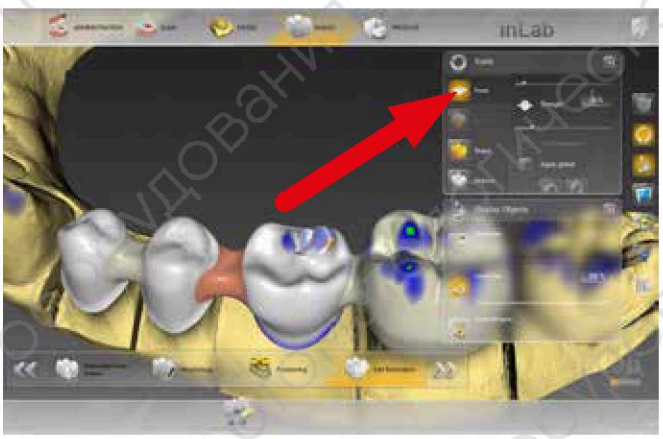
Then set the reduction strength in the "Reduce" tool using the slider and click on "Apply".



After switching on the tool, you can double-click on the reduced unit to mark the area where the occlusal stop needs to be placed.



Then select "Toggle area".



Then switch the reduction tool off.
If necessary, you can smooth the edges with the "Form" tool.

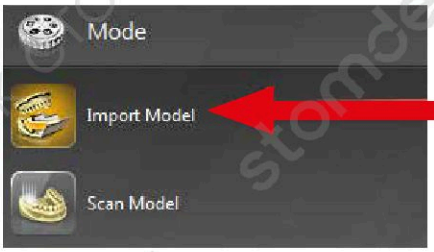
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IMPORTING STL MODEL DATA AND 3si MODEL DATA*

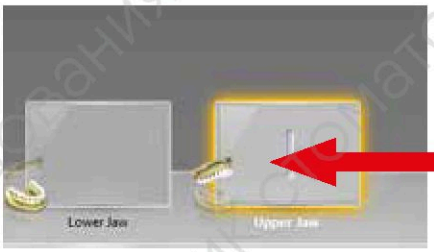
1. IMPORTING STL MODEL DATA



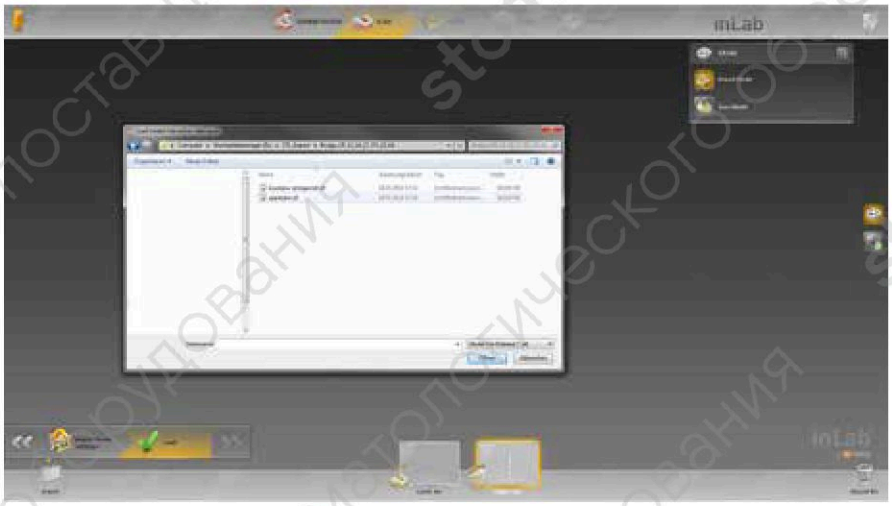
STL model data is imported in the "Scan" stage. First create the restoration in the "Administration" stage.



Then go to the "Scan" stage and select the "Import Model" option under "Scan mode" in the side panel.



The window changes and now only the image catalogues for the upper and lower jaws are displayed.



Click on the "Load" button and select the STL file for the active image catalogue, in this case for the upper jaw.

* Requirement: inLab SW 15.0 interface module

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Then click on the image catalogue for the lower jaw and click on "Load" again.

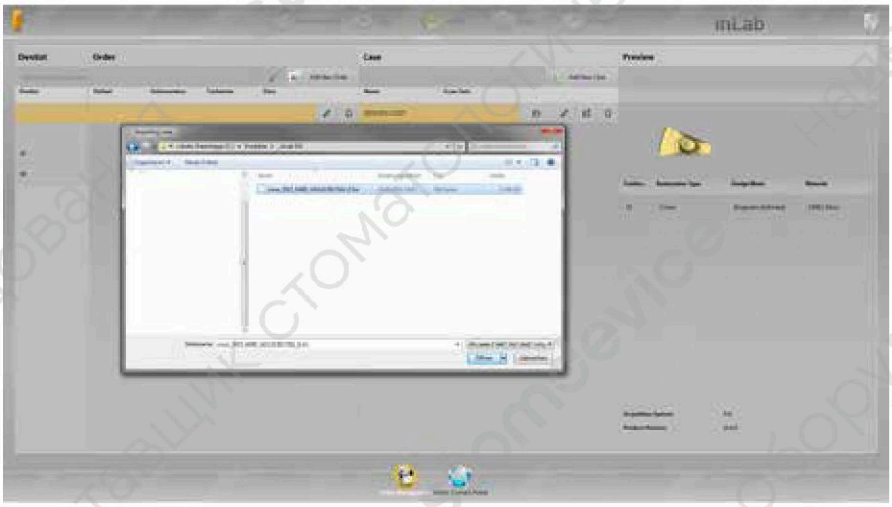
After you have imported the STL files for both jaws, you can switch to the "Model" stage.

2. IMPORTING 3si FILES

To import 3si files, click on the "Import" button in the system menu.



Then select the *.3si file that you want to import.



Then enter the machine and the material to be used for the restoration.



Then you can switch directly to the "Model" stage and design the restoration as usual.

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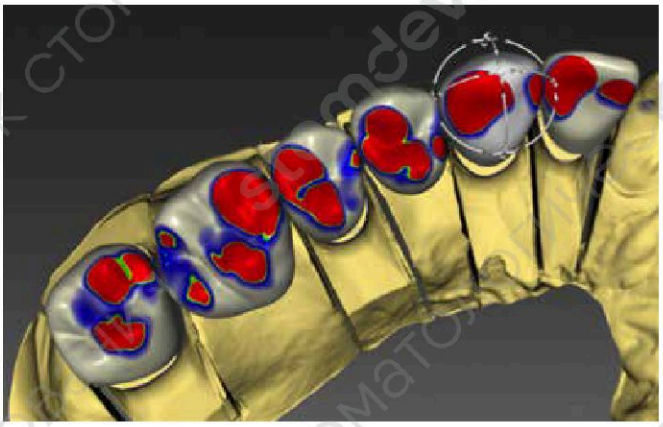
ADAPTED AND UNADAPTED **PROPOSAL**

There are two options for calculating the restorations.

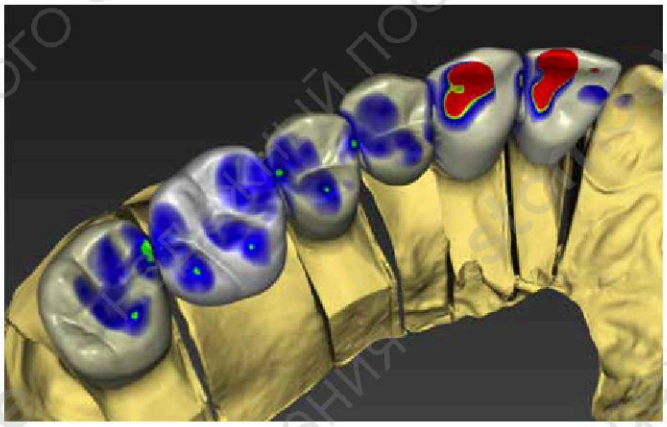


In the side panel, you can select whether the restoration proposal should be calculated adapted to the situation or not.

POSITIONING STEP



EDIT RESTORATION STEP

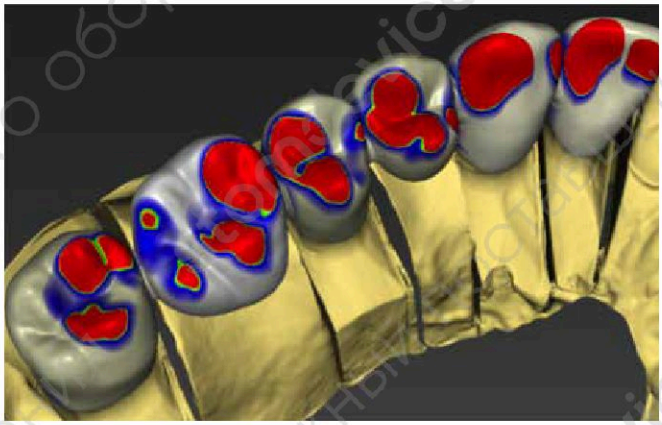


When the "Adapted Proposal" option is selected, the software makes a restoration proposal that is adapted to the adjacent teeth and the opposing jaw.

POSITIONING STEP



EDIT RESTORATION STEP



When the "Adapted Proposal" option is not selected, the software creates a restoration proposal that corresponds 1 to 1 to what the user set up in the positioning step.

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SETTING THE MODEL AXIS AND JAW LINE



- To set the model axis, first position the model on the template in the main window so the models do not extend beyond it [1].
- Then set the center line by placing the lower incisal point on the cross on the T.
- Check the center line in the upper side panel on the left [2].
- Use the left mouse button to tilt the model and the right mouse button to move the model.
- Then set the occlusal plane in the lower side panel on the left [3].

Then go to the step "Edit Jaw Line".



First use the left mouse button to drag the blue dots of the jaw line to the following positions:

- The middle dot should be between the front teeth.
- The next blue dot should be between the canine tooth and the premolars.
- The next blue dot should be between the premolars and the molars.
- The last blue dot should be located to extend the jaw line in distal direction.

If the tooth numbers are not yet in the center of the respective preparations, you can use the left mouse button to drag them to the appropriate position. Using this data, trimming is then done automatically and a proposal for the preparation margin is made automatically.

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TIPS & TRICKS – **PRODUCTION**



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CORRECT USE OF inLab MC X5 SIEVE

Read on for an overview of which filter to use for which mode (wet or dry).

Sieve No 1



Wet processing für material types:
- Red (PMMA, PEEK)
- Blue (composite)
- Grey (sintering metal)
- White (grinding)

Sieve No 2



Dry processing for material types:
- Yellow (zirconium oxide)

Sieve No 3



Corresponding to the former sieve No 1 for wet processing. This sieve should no longer be used. The new sieve No 1 was supplied to dealer for all inLab MC X5 machines (serial number < 40158). If necessary please contact your dealer.

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inLab MC X5 – WET OR DRY OPERATION





THE FOLLOWING TIPS ARE FOR OPTIMAL OPERATION OF inLab MC X5:

- The inLab MC X5 drain hose should be placed as vertical as possible – from the machine to the coolant tank – to prevent remaining coolant from entering the suction system when changing from wet to dry operation.
- Before every dry processing, the very fine wet processing sieve must be removed from the machine and the insert for dry processing with larger openings should be used to prevent clogging of the sieve.

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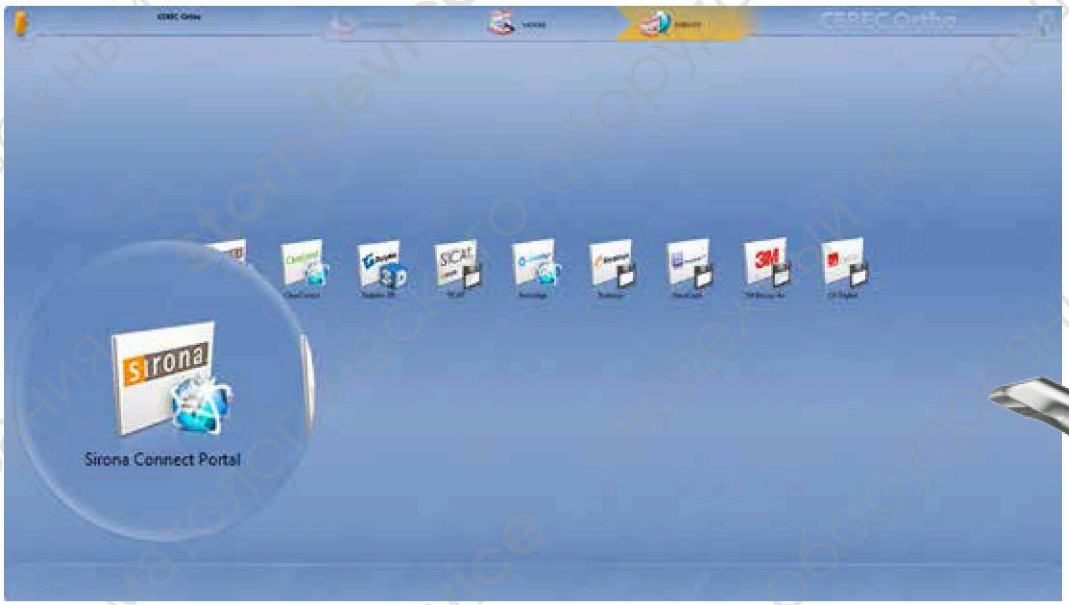
TIPS & TRICKS – SIRONA CONNECT



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CONNECT

CEREC Ortho INTERFACE WITH SIRONA CONNECT





With the CEREC Omnicam, one of the smallest powder-free video cameras on the market, and the new CEREC Ortho software, precise full jaw scans can be created and sent digitally – for planning and producing orthodontic appliances, for example for Invisalign treatment using aligners. The digital models can also be sent to any orthodontic lab in the Sirona Connect network.

Tip: If you are a registered Sirona Connect lab and also produce orthodontic appliances, you can now indicate this in your Sirona Connect lab profile . Just check "Orthodontic appliances" under My account > Services. By doing so, you indicate that you provide this service. You now can be found not only in the Sirona Connect software, but also in the current CEREC Ortho software.



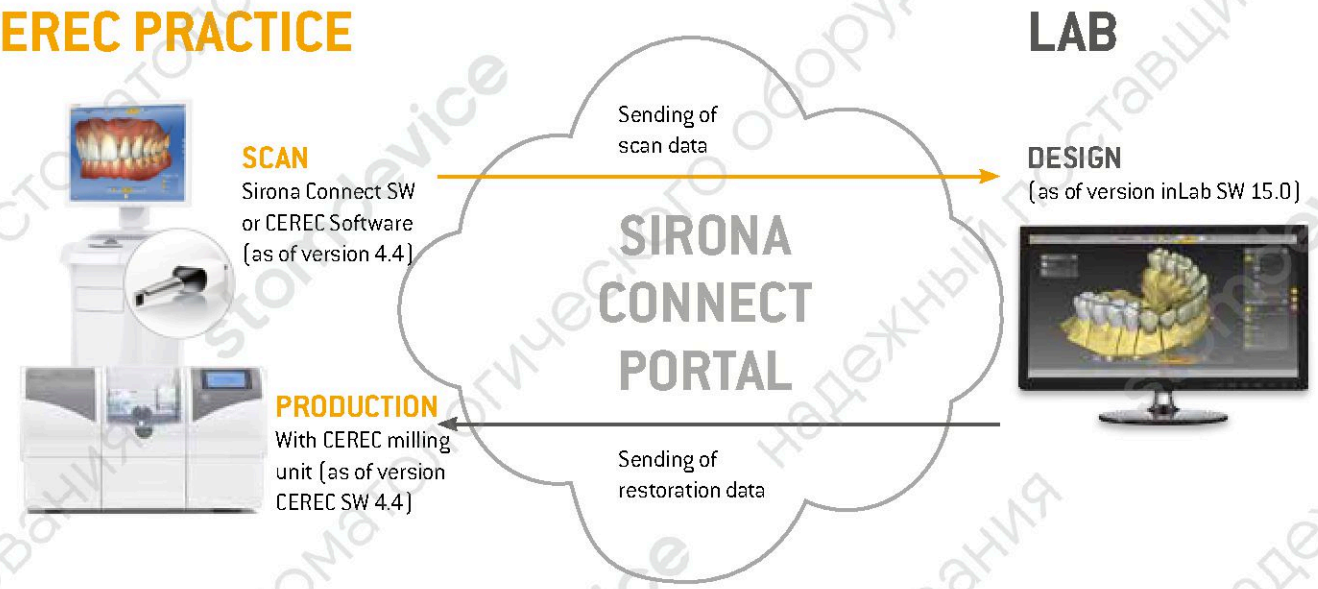
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inLab DESIGN SERVICE FOR CEREC PRACTICES

As of inLab SW 15.0, laboratories can return .dxd files with restorations to the practice via the Sirona Connect Portal in order to import them there into the CEREC software (as of version 4.4) and mill them on a CEREC milling unit.

IT COULDN'T BE SIMPLER:

- The CEREC user scans using the Sirona Connect SW (as of version 4.4) and sends the data set to the laboratory via the Sirona Connect Portal. Alternatively, he scans with the CEREC software (as of version 4.4) and uses the Sirona Connect button to access the Sirona Connect Portal.
- The laboratory loads the data into the inLab SW (as of version 15.0) to design the restoration. Note: As an inLab MC X5 user, the laboratory must select the virtual inLab MC XL for the design.
- The laboratory exports the milling preview in .dxd format and returns it to the CEREC user via the Sirona Connect chat function.
- The CEREC user imports the data set into the CEREC SW and produces the restoration on his own milling unit.



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