What’s new
in 3Shape Dental System 2017.2.0
CAD/CAM just got better!

With Dental System 2017, we have strengthened reliability and performance, introduced improvements to the core design tools, added new functionality and made scanning more efficient. And there is more. All new major additions are described in this document. Please refer to the online User Manual and training videos for detailed descriptions of each feature.

And with Dental System 2017.2.0, we have also added new functionalities and made further improvements to the system. You can find the details further in this document.

3Shape Lab team

“The new features in Dental System 2017 have made it even easier to produce quality work with minimal effort.”

Sevan Pulurian, Pacific Dental Lab, Los Angeles, CA
The new E scanner series – now any lab can be digital

With its new affordable E scanners, 3Shape makes advanced CAD/CAM accessible to labs of all sizes while raising the bar for entry level solutions.

Best value for money
Get advanced scanning features and CAD design workflows at an affordable price

Fast scanning
High scan speeds let you complete more cases in less time

Latest technologies
5 MP cameras, Blue LED and multi-line scanning for optimal detail capture and accuracy

Reliable impression scanning
Scan impressions directly without pouring a model, saving time and costs

Auto-start for high productivity
No need to press a button. Starts scanning as soon as you place the model inside
New software packages – CAD points for anything you need

You can now choose between different software packages depending on your needs.

<table>
<thead>
<tr>
<th>Licenses</th>
<th>Indications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Premium</td>
<td>Like premium today</td>
</tr>
</tbody>
</table>
| **NEW** Crown & Bridge | Full Anatomy Crown & Bridges  
Inlay & Veneers  
Copings & Frameworks  
CAD points for all additional designs |
| **NEW** Removable | Full Denture  
(incl. impression scanning)  
RPD  
Trays |
| **NEW** Scan Only | Scanning Only  
All indications |

Now you are no longer limited by the license you have chosen. You can use CAD points to pay per use for those cases that you rarely make.

See more details of the versions on pages 18-19
Scanning

Easily add extra scans of models

Extensive “Adaptive scanning” functionality which is now supported not only in impression scanning, but also in models, dies and wax-ups scanning and allows to:
- Pre-rotating a model scan will speed up the annotation point placement up to one click per tooth.
- Improved bite alignment. Dental System will automatically detect the quadrant arch cases and it no longer matters which model is on top when scanning the bite.

Additional scan improvements

Easily add extra scans of models

Extensive “Adaptive scanning” functionality which is now supported not only in impression scanning, but also in models, dies and wax-ups scanning and allows to:
- Pre-rotating a model scan will speed up the annotation point placement up to one click per tooth.
- Improved bite alignment. Dental System will automatically detect the quadrant arch cases and it no longer matters which model is on top when scanning the bite.

All-in-One scanning further automated

Now you only need to mark dies and select an area to scan on the preparation preview scan. Then you can let the scanner and software handle the rest. This is made possible by:
- The scan area selection will now be automatically transferred to all the arches in the order. This works with all scanners, not just D2000.
- The same area of the antagonist as chosen on the preparation scan will automatically be scanned if you have chosen “Skip optional steps” in scan settings.

Transfer correct positions and reduce manual adjustments

3Shape’s enhanced Articulator Transfer Plate solution accurately transfers the position from the physical articulator into the virtual articulator reducing the need for manual adjustments. You also skip the bite scan and save an extra scanning step. Works with any articulator.
Crowns and bridges

Control of your setup in Smile Composer
To increase your control of in Smile Composer, you now have:
• Improved initial anatomy placement – the teeth will be symmetrically scaled making a better initial design.
• New “Simple initial placement of smile library” option will place teeth in crown bridges exactly as they are in the corresponding smile library in the Control Panel, without any additional modifications (requires configuration in the Control Panel under Design Options).

Control over the connection to margin line
If you prefer to make the complete teeth setup before connecting to the margin line and want to keep shapes untouched – the new “Simple connection to margin line” is introduced:
• Enable the new “Simple connection to margin line” option either in the Control Panel or directly in the Smile Composer to connect the crown to the margin line without applying extra smoothing.
• Die Interface model and its collar will now be shown on the Smile Composer step with a corresponding visibility slider. Simple connection to margin line is especially useful if you have the design option in the Dental System Control Panel “Automatically connect anatomy” set to false.

Increased speed of core algorithms
• The speed of connecting anatomy to the margin line in the Smile Composer™ has been increased
• The speed and stability of making framework connectors has been increased.

Move directly to any design step
It is now possible to access any step on the workflow bar at any time during the design of frame and anatomy cases. The design software will make default design in any steps that are being skipped by the user.
**Improved distance measurement**
The distance measurement tools have been improved. The calculation become even faster and more accurate. “Distance to adjacent” measurement tool now works only with designed teeth and together with “Distance to preparation” shows all neighbor distances properly.

**Improved minimum thickness enforcement**
A new version of the “Enforce minimum thickness” has been made, to ensure minimum thickness more smoothly without creating bumps. The new algorithm, that can be activated in the Control Panel under Design Options. If you e.g. have validation procedures based upon the old algorithm you may choose to use the old algorithm.

**Enhanced visualization**
For cases with restorations on both jaws, the antagonist visibility slider has been replaced with a new slider with 3 positions:

- Off – antagonist scan and all restorations on it are hidden
- Middle – antagonist scan is visible, all restorations on it are hidden
- On – antagonist scan and all restorations on it are visible.

**Improved inlays**
Thanks to the new algorithm, you can now easily design highly esthetic inlays and onlays with a minimal need for adjustments. The new margin line tool makes it fast and easy to define the margin.
Better implant bridge design

- “Thickness map” slider has been added to the Finalize step for implant bridges with customized abutments and library pontics.
- “Sculpt on protected surface” option will now successfully work on the Finalize step for implant bridge orders with gingiva.
- Connectors will no longer penetrate the surface of the screw hole in implant bridges with customized abutments and library pontics.

Digitally create pressing and casting trees

Now you can digitally create wax trees and further improve your productivity and control. Easily combine restorations into a single cast tree for casting or pressing.

Note: Availability depends on reseller.

Original teeth visualization for physical diagnostic wax-up

Available with Dental System 2017.2.0

To make the teeth setup in diagnostic wax-up cases easier – the “Original teeth” visualization slider has been introduced. It allows you to control the visibility of the cut-out teeth and guide you during design.

Contact areas output to enhance your production

Available with Dental System 2017.2.0

It is now possible to output the contact areas with neighbor teeth and antagonist. This will help to adjust your milling strategy for better results.
Removable Partial Dentures

More freedom in clasps design
The new option to design a suite of clasps for acrylic removable partial denture provides ability to create and manufacture a frame consisting of several parts in one order. The option is controlled at the “Frames” page in Dental System Control Panel.

Manage and share design settings
Now, every aspect of removable partial denture design is controlled by the settings configured in Dental System Control Panel. Easily define and share these design settings with technicians and other labs.
Full Dentures

Scan and design single arch dentures
Scan and design dentures for single arch – including adapting the design to the antagonist.

• Scanning
Combine gypsum and impression scans in one workflow. Scan a gypsum model with a wax rim, a functional impression, or a tray made of the existing full denture prosthesis, accompanied by a gypsum antagonist model.

• Designing
Now you can design taking the antagonist into account and easily adapt to the situation of each case, using new tools:
- monitor the premature contacts between the teeth
- fine-tune the occlusion maintaining the pestle-mortar cusp/central fossa relationship
- easily establish contacts between the teeth by using new options on mouse right click.

New tools for designing full dentures
Full Dentures design procedure has been made even easier.
• Raise the bite with Articulator and remove teeth directly in Full Dentures Smile Composer.
• Control the position of the boundary of the denture base using the new “Show local cross-section” function.

Wider range of Denture Libraries
3Shape brought in more denture libraries, giving technicians open options to use teeth from the preferred manufacturers. Quint™ library from Vertex Dental has now become available for local manufacturing.

Intuitive workflow for Full Denture Try-ins
Prepare your try-in and examine it in the oral cavity, rescan modified try-in to capture adjustments and update the design for a better denture. Quick and detailed try-in scanning scenarios are available.
Dentures with milled or printed teeth

Available with Dental System 2017.2.0

As an alternative to gluing pre-manufactured teeth into the base, 3Shape has now made it possible to design a denture prosthesis consisting of two easily pluggable parts: a denture-base and a teeth block. These parts can either be 3D printed or milled, depending on your preferences.

The advantages of this new design and manufacturing method are:

- The workflow requires less manual work, lowering cost and reducing the risk of manual error. In particular, the gluing process is simple with the new workflow.
- Complete freedom to design the teeth, so they fit the specific case, instead of being limited to using pre-manufactured teeth.
Dental Manager and Control Panel

Send to manufacturer no matter their version
You can now upgrade to the latest version, even though some of your manufacturers that you send cases to have not yet done so. You can send orders for manufacturing from the new Dental System version 2017 to older versions, i.e. DS-2016 and DS-2015. This can be achieved by selecting a required version of Dental System on the “Manufacturers” page in the Control Panel or, alternatively, setting the version directly in the "Send to Manufacturer" dialog in Denta Manager.

More intuitive Upgrade tool in the Control Panel
Available with Dental System 2017.2.0
The Upgrade tool has been improved with an extended user interface. It makes managing the software upgrades much easier and gives you quick access to any available version of Dental System.
Attachment libraries

In addition to our existing attachment libraries, we are now making CEKA & PRECI-LINE attachments digital library available for you. This library contains all the CEKA & PRECI-LINE attachment components that can be milled. Please click on www.ckpl.eu to see instructions on how to download and install the digital library. For further information, please contact info@ckpl.eu

Eco-system improved with even more implant libraries

Even more implant libraries are now also supported and can be downloaded:

A number of the implant libraries have been update and can be downloaded as part of upgrading to Dental System 2017.

3Shape Communicate

Receive cases from entire world
Receiving TRIOS cases is no longer restricted to be made in the same geographical region – you can now receive TRIOS cases from dentists anywhere in the world.

Improved control and stability
Improved stability of receiving 3Shape Communicate cases, minimizing the risk of cases not being received.

New options on the 3Shape Communicate page in the Control Panel for updates intervals, manual synchronization and cut-off date.

New 3Shape Communicate Website
3Shape communicate is now accessible via a new website that features:
• Improved performance and usability
• Exchange custom PDF files with your customers
• Easier to find users to connect with and manage existing connections

Eco-system improved with even more implant libraries

Even more implant libraries are now also supported and can be downloaded:

A number of the implant libraries have been update and can be downloaded as part of upgrading to Dental System 2017.
3Shape Smile Design

Offer the perfect smile

The ability to create highly esthetic smile designs is a particularly attractive and profitable area for labs. 3Shape offers a new powerful solution for a fast and easy creation of smile designs in 2D, and the ability to accurately match 2D photos with the 3D design.

Case: Luiza Silveira & Nelson Silva, UFMG Brazil
Smile Design is developed based on the DSD principles.

With 3Shape Smile Design you can:

• Grow your business: Expand your portfolio of services by providing Smile Design
• Smile Design in a few minutes: What used to take ½ hour can now be done in a couple of minutes
• Esthetic design: Use your Smile Design to guide the 3D restorative design in the Dental System RealView Engine
• Effective communication: Avoid misunderstandings by using the Smile Design photo in the communication between the clinic and the lab

Get 3Shape Smile Design with Dental System 2017.2.0

Smile Design is a separate application that runs on 3Shape’s new Dental Desktop platform. At the end of the installation process of Dental System 17.2 there will be the option to choose to download and start the installation of Smile Design. Smile Design will then be a shortcut next to Dental System on the desktop.

Accurate implant planning scanning made easy with 3Shape Scan Bodies

Get your high-accuracy titanium scan bodies directly from 3Shape. Available for all major implant systems, 3Shape scan bodies feature a unique ID code that automatically identifies the implant system and connection. Compatible with intraoral and lab scanners. Please ask your library provider for libraries supporting 3Shape Scan Bodies.
Stabilization and Solved Issues:

**Scanning**
- Combination of the antagonist and neighborhood scans no longer results in black texture on the final step.

**Design**
- Minimum manufacturing values such as wall thickness and offsets, including the lingual band parameters, will now be correctly validated during the design.
- It will be possible from now on to use a remote database with non-default settings during the Dental System installation.
- “Cut to neighbors” tool in Smile Composer™ has been improved to be faster and more precise.
- Orders sent via FTP with the order size set to “Small” will no longer contain the “AuxScanDir” folder.
- Links to the STL files in the 3ox file in the Visualization output will now be correct.
- An empty library will not be automatically created each time a new library is added on the “Anatomy and Pontic libraries” page in the Control Panel.
- It is now possible to change the influence radius when using the ‘fast edit spline’ option in the primary telescope crown design.
- “Hole” attachments will now be correctly applied in Wax-up orders.
- Access Violation appearing on Sculpt step if the “Desired distance to preparation scan” was selected in the Wax Knife tool for single copings orders with the “Neighborhood scan” set to “None” in the Order Form has been fixed.
- Material shaders are now correctly visualized in orders with temporaries.
- Irrelevant “Collision lines” map will no longer be visible on Sculpt step for Full Denture and RPD orders.
- Scans and anatomy will no longer be turned upside down in Dental Designer if the order was scanned with “Scan dies in arch (if supported)” option.
- Wrong occlusion for gypsum cases is now fixed. The occlusion in Dental Designer is correct and the same as in the preview.
- It is now possible to change the implant platform during the design of anatomical abutments without an Access Violation.
- “Contact and smoothing” parameters on the Smile Composer step are now correctly taken from the values defined in the Control Panel.
Crown and bridge

- Designing cases scanned as unsectioned models no longer requires the Model Builder STL license in Dental Designer.
- It is now possible to design telescopes with abutments with no errors.
- Die interface generation has been fixed for TRIOS orders with the margin line from the intraoral scanner.
- RealView image alignment has now been fixed.
- Teeth will no longer disappear if you go forward while RealView is still open.
- Teeth transformation has been fixed on the RealView guidelines step.
- “Vertical opening” value is now correctly saved in the Virtual Articulator.
- Collision lines recalculation when resetting the occlusion on the Bite adjustment tab has been fixed.
- It is now possible to generate a hole in the abutment when the hole fillet is set to more than “0”.
- Margin line area distortion appearing after a simple edge reduction has been fixed.
- Wax-up abutment offset now works correctly with keeping the wax-up shape.
- Positioning guide generation has been fixed for orders with temporary crowns.

3Shape Communicate

- Data will now be correctly updated in the 3Shape Communicate folder.

Dental Manager

- Study models can now be reset to the “Designed” state.
- Order preview in Dental Manager is now being generated correctly.
- Custom screenshots will be correctly generated from now on.
- “OrderID” tag is now output to 3ox for CAM.
- Design will not be lost anymore when modifying an order received in Dental System 2017.
COMING  One system, one interface, one workflow

With LabCare you will also in the future get the benefits of the new features and functionality that we are already now working on. Look out for Lab Studio! It’s a new lab software platform to ensure continued high performance, solid reliability, as well as future expansion with new integrated technologies.

Watch preview here

3Shape LabCare makes sure that you always stay ahead and productive

3Shape’s LabCare package gives your dental lab valuable services and the option to protect your investment with an attractive warranty and scanner replacement agreement.

<table>
<thead>
<tr>
<th>3Shape LabCare</th>
<th>The comprehensive service package that keeps you ahead and constantly productive</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Software upgrades</strong></td>
<td>New software releases with latest developments including libraries, workflows, tools, patches.</td>
</tr>
<tr>
<td><strong>Support</strong></td>
<td>Authorized experts help you in your local language and time-zone</td>
</tr>
<tr>
<td><strong>Training &amp; events</strong></td>
<td>Comprehensive user events and trainings by leading dental technicians and 3Shape experts</td>
</tr>
<tr>
<td><strong>Special discounts</strong></td>
<td>Save money on our trade-in/trade-up program and on subscription for additional seats Up to 25%</td>
</tr>
<tr>
<td><strong>NEW Warranty &amp; Scanner Replacement service (add on)</strong></td>
<td>Scanner repair and scanner replacement to avoid downtime Up to 5 years</td>
</tr>
</tbody>
</table>

**NEW**

3Shape LabCare: The comprehensive service package that keeps you ahead and constantly productive.

**Software upgrades**
New software releases with latest developments including libraries, workflows, tools, patches.

**Support**
Authorized experts help you in your local language and time-zone.

**Training & events**
Comprehensive user events and trainings by leading dental technicians and 3Shape experts.

**Special discounts**
Save money on our trade-in/trade-up program and on subscription for additional seats Up to 25%.

**NEW Warranty & Scanner Replacement service (add on)**
Scanner repair and scanner replacement to avoid downtime Up to 5 years.
# Appendix A: Dental System versions

## Dental System Software configurations

<table>
<thead>
<tr>
<th>CAD Indications</th>
<th>Dental System™ Premium</th>
<th>Dental System™ Crown &amp; Bridge</th>
<th>Dental System™ Removable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copings and bridge frameworks</td>
<td>✓</td>
<td>✓</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Anatomical copings and bridge framework</td>
<td>✓</td>
<td>✓</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Full anatomical crowns and bridges</td>
<td>✓</td>
<td>✓</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Gingiva on all indications</td>
<td>✓</td>
<td>✓</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Single wax up / Wax up bridge</td>
<td>✓</td>
<td>✓</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Inlay / Onlay / Inlay bridge / Veneers</td>
<td>✓</td>
<td>✓</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Tabletops and Non-prepared Veneers</td>
<td>✓</td>
<td>CAD Points / Upgrade to Premium</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Multi-layer crowns and bridges</td>
<td>✓</td>
<td>CAD Points / Upgrade to Premium</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Digital temporaries</td>
<td>✓</td>
<td>CAD Points / Upgrade to Premium</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Virtual diagnostic wax-ups</td>
<td>✓</td>
<td>CAD Points / Upgrade to Premium</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Post &amp; core</td>
<td>✓</td>
<td>CAD Points / Upgrade to Premium</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Telescopes</td>
<td>✓</td>
<td>CAD Points / Upgrade to Premium</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Customized abutments and screw-retained crowns</td>
<td>Add-on / CAD Points</td>
<td>Add-on / CAD Points</td>
<td>Add-on / CAD Points</td>
</tr>
<tr>
<td>Implant bars and bridges</td>
<td>Add-on / CAD Points</td>
<td>Add-on / CAD Points</td>
<td>Add-on / CAD Points</td>
</tr>
<tr>
<td>Full dentures</td>
<td>Add-on / CAD Points</td>
<td>Add-on / CAD Points</td>
<td>✓</td>
</tr>
<tr>
<td>Removable partial dentures</td>
<td>Add-on / CAD Points</td>
<td>Add-on / CAD Points</td>
<td>✓</td>
</tr>
<tr>
<td>Customized impression trays</td>
<td>✓</td>
<td>CAD Points / Upgrade to Premium</td>
<td></td>
</tr>
<tr>
<td>Model Builder™</td>
<td>Add-on / CAD Points</td>
<td>Add-on / CAD Points</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Positioning Guides</td>
<td>✓</td>
<td>CAD Points / Upgrade to Premium</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Splints, night guards and protectors</td>
<td>✓</td>
<td>CAD Points / Upgrade to Premium</td>
<td>Upgrade to Premium</td>
</tr>
<tr>
<td>Orthodontics / Orthodontic appliances</td>
<td>Add-on</td>
<td>Add-on</td>
<td>Add-on</td>
</tr>
<tr>
<td>Implant Planning and Surgical Guides</td>
<td>Add-on</td>
<td>Add-on</td>
<td>Add-on</td>
</tr>
</tbody>
</table>
### Advanced Tools

<table>
<thead>
<tr>
<th>Feature</th>
<th>Dental System™ Premium</th>
<th>Dental System™ Crown &amp; Bridge</th>
<th>Dental System™ Removable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smile Composer™ including Sculpt Toolkit</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Mirroring teeth</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Simultaneous modeling on upper &amp; lower</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Dynamic virtual articulation</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Attachments</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>RealView™ Engine with 2D Design guidelines</td>
<td>✓</td>
<td>Upgrade to Premium</td>
<td>✓</td>
</tr>
<tr>
<td>Align and re-use design</td>
<td>✓</td>
<td>✓</td>
<td>Not available</td>
</tr>
<tr>
<td>CAD block placement</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>3Shape Communicate™ (2 GB storage included)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>TRIOS Inbox and Shade Measurement</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Basic / Expert mode</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Advanced design validation tools</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Manufacturing Inbox™</td>
<td>50 connections</td>
<td>50 connections</td>
<td>50 connections</td>
</tr>
<tr>
<td>Full manufacturing equipment compatibility</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>3Shape LabCare™ included in subscription</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

- **✓** Included in the specific Dental System™ Software version.
- **Add-on / CAD Points**
  - You can either use CAD points for each case or purchase of add-on module (sold separately).
- **Upgrade to Premium**
  - Requires upgrade to Dental System™ Premium edition (sold separately).
- **CAD Points / Upgrade to Premium**
  - You can either use CAD points for each case or upgrade to Dental System™ Premium edition (sold separately).
- **Not available**
  - Not available for this scanner model / software version.

### CAD Indications

<table>
<thead>
<tr>
<th>CAD Indications</th>
<th>CAD Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copings and bridge frameworks</td>
<td>4 per case</td>
</tr>
<tr>
<td>Anatomical copings and bridge framework</td>
<td>4 per case</td>
</tr>
<tr>
<td>Gingiva on all indications</td>
<td>4 per case</td>
</tr>
<tr>
<td>Single wax up / Wax up bridge</td>
<td>4 per case</td>
</tr>
<tr>
<td>Tabletops and Non-prepared Veneers</td>
<td>4 per unit</td>
</tr>
<tr>
<td>Multi-layer crowns and bridges</td>
<td>4 per case</td>
</tr>
<tr>
<td>Digital temporaries</td>
<td>4 per unit</td>
</tr>
<tr>
<td>Virtual diagnostic wax-ups</td>
<td>4 per unit</td>
</tr>
<tr>
<td>Post &amp; core</td>
<td>4 per unit</td>
</tr>
<tr>
<td>Telescopes</td>
<td>4 per unit</td>
</tr>
</tbody>
</table>

### CAD Indications

<table>
<thead>
<tr>
<th>CAD Indications</th>
<th>CAD Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customized abutments and screw-retained crowns</td>
<td>9 per implant</td>
</tr>
<tr>
<td>Implant bars and bridges</td>
<td>9 per implant</td>
</tr>
<tr>
<td>Full dentures</td>
<td>15 per case</td>
</tr>
<tr>
<td>Removable partial dentures</td>
<td>15 per case</td>
</tr>
<tr>
<td>Customized impression trays</td>
<td>4 per case</td>
</tr>
<tr>
<td>Model Builder™, TRIOS case</td>
<td>6 per case</td>
</tr>
<tr>
<td>Model Builder™, 3rd party case</td>
<td>12 per case</td>
</tr>
<tr>
<td>Positioning Guides</td>
<td>4 per case</td>
</tr>
<tr>
<td>Splints, night guards and protectors</td>
<td>15 per case</td>
</tr>
</tbody>
</table>
## Appendix B: 3rd party intraoral scan import options

<table>
<thead>
<tr>
<th>Design restorations</th>
<th>Design models</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PlanScan</strong></td>
<td>No add-on required</td>
</tr>
<tr>
<td>Export from Romexis 4.2 and PlanCAD 5.6 (3oxz file)</td>
<td></td>
</tr>
<tr>
<td><strong>3M True Definition</strong></td>
<td>No add-on required</td>
</tr>
<tr>
<td>Export from 3M Connection Center 4.14.3. (3oxz file)</td>
<td></td>
</tr>
<tr>
<td><strong>3M Lava</strong> Precision Solutions</td>
<td>No add-on required</td>
</tr>
<tr>
<td>C.O.S. (ULDC file)</td>
<td></td>
</tr>
<tr>
<td><strong>iTero</strong></td>
<td>No add-on required</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sirona</strong> The Dental Company</td>
<td>No add-on required</td>
</tr>
<tr>
<td>Cerec and Apollo intraoral scans (3se file only, Export from Sirona systems not available in US)</td>
<td></td>
</tr>
<tr>
<td>Design restorations</td>
<td>Design models</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Model Builder – STL (Item number 80249020)</td>
<td>Model Builder – STL (Item number 80249020)</td>
</tr>
</tbody>
</table>

**Sirona lab scans**
- No add-on required if scans are sectioned
  - Model Builder – STL (Item number 80249020)
  - Sirona Scan Import/Export option (Item no.: 80247010 + 80247011) Included for FREE

**Dental Wings lab scans**
- No add-on required if scans are sectioned
  - Model Builder – STL (Item number 80249020)
  - Dental Wings option Included for FREE

**Other lab scanners**
- Model Builder – STL (Item number 80249020)
  - Model Builder – STL (Item number 80249020)