

Dental System™

Innovative 3D scanning and CAD solutions



3Shape creates 3D scanning and CAD/CAM software solutions. Award-winning technology that enables dental professionals to treat more people, more effectively and with improved care. 3Shape has close to 700 employees with a product-development force of more than 275 professionals. Offices and service centers located in the Americas, Asia and Europe serve customers in more than 100 countries. Company headquarters are in Copenhagen, Denmark.

www.3shape.com

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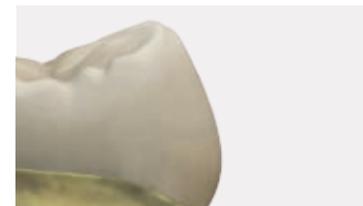


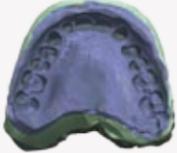
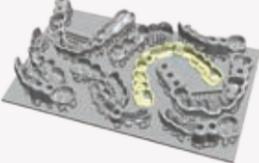
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An innovative and strong solution makes you the best lab around

To drive your lab business, you need a CAD/CAM solution that is fast, accurate, reliable and future secure. In this 2016 release, we have added many advanced tools while strengthening overall system stability and performance. 3Shape Dental System™ gives you the widest range of indications, tools and libraries. Integrated and intuitive workflows. A value-packed care program. An ecosystem that freely lets you combine what you use today with what you may need tomorrow. In short, a potent and dependable CAD/CAM solution that powers you past the competition.

Highlight in Dental System™ 2016

		
Accelerated scanners	New impression scanning technology	Integration with TRIOS and 3 rd party IOS scanners
		
Fast and robust crown design engine	Real View Engine	Full and partial removable dentures
		
Implant bridge	Implant planning & surgical guide design	Complete integration with milling machines and 3D printers



“Digital Dentistry, is not a concept waiting to happen, it is here, and here to stay. The dental laboratory that does not engage in this technology, is soon to be obsolete.”

*Lee Culp,
CDA, Sculpture Studios, USA*

Why Go Digital?



Increase productivity

- Make more units per day
- Get fast digital workflows
- Reduce labor-intense processes



Drive profit and stay competitive

- Compete with low cost labs and chairside milling
- Increase profit per unit
- Expand your offerings and services



Provide more indications and materials

- Widen the offering for your customers
- Produce in the material the dentist wants
- Open your options – internal or external manufacturing



Create high quality prosthetics

- Get proven digital accuracy
- Ensure consistent design and manufacturing results
- Advanced dental work becomes easier

5 reasons to choose 3Shape Dental System™



Future proof solutions

- 3Shape innovation by over 275 developers
- Long-term sustainability of hardware and software
- 80 pending patents
- Unlimited software upgrades



More indications and better tools

- The widest range of indications including special types
- Powerful tools and design options
- Intuitive interface and guided workflows
- Complete order manager and 3D order form

Copings and Bridge Frameworks	Full Anatomical Crowns and Bridges	Inlays / Onlays / Inlay Bridges / Veneers	Table-Tops and Non-Prepared Veneers
Digital Temporaries including Bridges with Pontics	Virtual Diagnostic Wax-Ups including physical models	Post & Core	Telescopes incl. Secondary Telescopes
Customized Abutments with Positioning Guides	Implant Bridges and Bars	Implant Planning with Surgical Guides	Removable Partial
Denture Design including Impression Trays	Splints	Orthodontics and Appliances	Model Builder™ (Crown and Bridge / Implant)



Integrated scanners and documented accuracy

- Complete scanner & software integration
- TRIOS is an integrated digital color impression solution
- Documented lab scanner accuracy according to ISO 12836
- Compliance with FDA 21 CFR part 820 and ISO 13485



Global customer care

- 100 Support & Training specialists in 13 countries
- Webinars & LABcare™ training packages
- 7 scanner service centers worldwide



Stronger ecosystem

- 70+ Implant libraries
- Extensive material & milling center libraries
- Broad integration with 3rd party mills, printers and IOS
- TRIOS® and integrated solutions



One system, one interface, one workflow

COMING 3Shape proudly introduces the 3Shape Dental Desktop, a new platform that brings all your digital dental applications into one integrated interface and workflow. No more annoying opening and closing of programs, or importing and exporting between systems. Simply start the 3Shape Dental Desktop screen, choose your task and follow the workflow. Lab work becomes easy, efficient and highly productive. With 3Shape Communicate™ you can share 3D scans and designs in the cloud and collaborate with dentists, surgeons and other technicians



“We shared more than 1000 cases over the past year. 3Shape Communicate enables easy collaboration and takes our results to a whole new level.”

Chris Halke,
Albensi Dental Laboratory, USA



Order




Create orders and import intraoral scans, CBCT, photos etc,

Scans




Scan models, impressions or intraorally directly.

CAD Design




Widest range of design and planning modules.

CAM




Integrated CAM for milling machines and 3D printers.

3Shape LABcare™ - extra value that keeps you ahead

LABcare™ is an integral part of your annual 3Shape subscription designed to ensure your investment through training and knowledge sharing, efficient support, unlimited software improvements, and valuable benefits you receive as a 3Shape member.



Training & Events

Comprehensive user-events, training and learning resources developed by dental technicians and 3Shape experts.

- Comprehensive series of over 50 CAD-workflow training videos for 3Shape Dental System™ users.
- Join our 3Shape end-user events to meet your peers and share knowledge.
- Open 3Shape end-user training courses at selected events and 3Shape centers.
- Free online training webinars for all subscribed users.
- Unlimited access to all learning materials and manuals online



Unlimited Upgrades

Unlimited software upgrades assure you that you always have the newest technologies and that your CAD solution continues to lead and grow year after year.

- 3Shape releases one major system upgrade every year.
- Upgrades can include unique functionality, additional indications, and new digital workflows.
- Unlimited supplemental upgrading during the year provides extra features, more libraries, and new validated interfaces.



Global Support

LABcare™ means you have the 3Shape global network of authorized support experts helping you in your local language and time-zone.

- Access to 3Shape Support & Service Centers placed in 10 major regions. Primary local 1st line support provided by certified 3Shape representatives.
- Multi language 2nd line support force of more than 70 in-house 3Shape experts for special cases.
- Long-term support and repair of your scanner ensuring continued operation years ahead.



Special Discounts

Your subscription automatically makes you a member of the 3Shape user-community opening doors to a wide range of cash-saving opportunities.

- Access to valuable scanner trade-in programs allowing users to upgrade their scanner and PC at attractive prices.
- Special deals when purchasing a second scanner or additional designer software



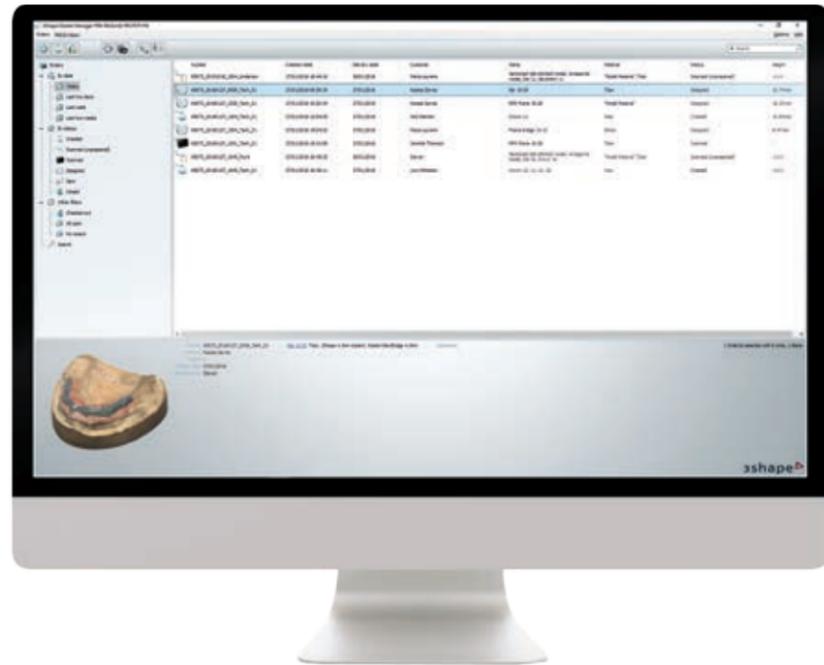
Easily and efficiently manage your orders

The Order Manager organizes and prepares all the lab's orders for guided workflows, easy information access and efficient management. Technicians can share cases and work in parallel to maximize productivity and resources. Create digital patients by combining all relevant information such as digital color impressions, photos, CBCT, and more.

NEW Smart upgrade wizard
Easy and reliable installation of software upgrades.

NEW Enhanced importing functionality
Widen your options with improved import of 3rd party intraoral scans and STL.

NEW Expanded training center
Includes new instruction videos and step-by-step guides.



Enhanced order overview
Includes 3D visualization and order status.

Easily import new libraries
Get additional implant systems, materials, manufacturing options, and more.

Share your cases
Technicians can share cases on multiple workstations for ultimate productivity.



“One of the most powerful aspects of digital technology is the ability to keep a “digital patient library” enabling better treatment planning and more predictable outcome.”

Dr. Alan Jurim
DDS, New York



3D color impressions



Patient images & video



COMING 3D face scans



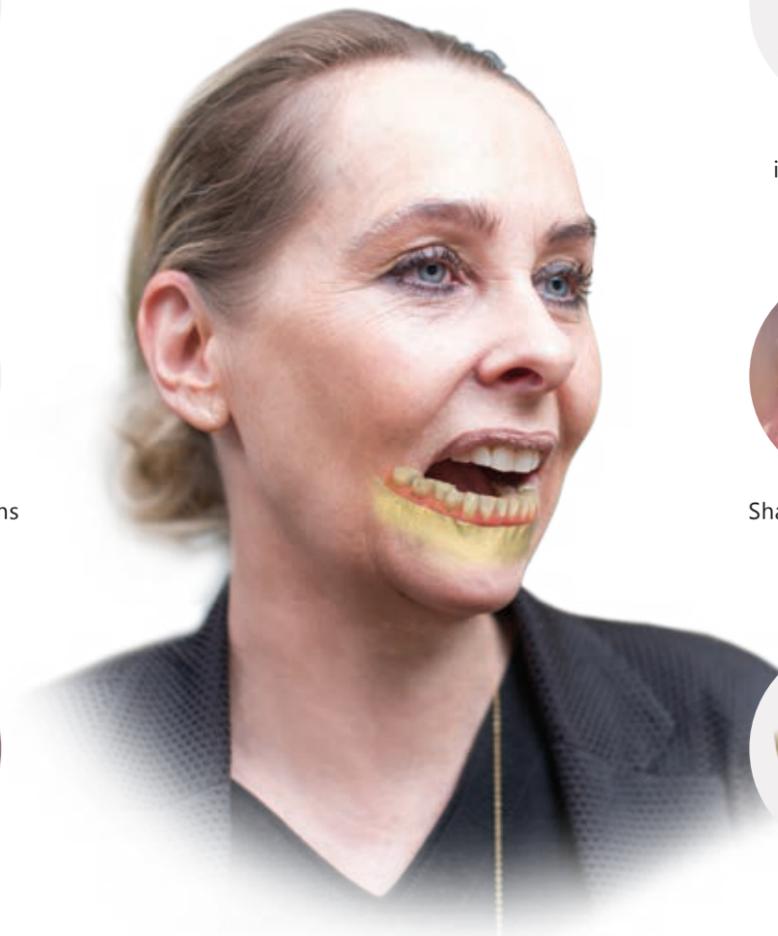
Shade measurement



Intraoral images & video



CBCT & x-rays



When accuracy and speed matter

3Shape's unique Multiline Technology provides the market's highest levels of scan accuracy and extreme scan speeds. 3Shape develops both the scanner and the software for completely integrated workflows, high productivity and optimal results. 3Shape service centers worldwide are committed to servicing your scanner many years forward.

NEW Start scanning in seconds

Optimized processing removes the waiting time between creating the order and starting the scan.

NEW Improved scanning workflows

Many indications have been improved for smoother and more flexible scanning.



Scan any order

Freely determine the sequence in which you scan models, dies and bites according to your preference.

Save time with background post processing

Start the next scan directly without waiting for post processing.

The D2000 lab scanner will increase your productivity by up to 40%

Save 4 out of 5 steps with your 3-unit bridge

Scan complete cases in one scan. No need to take out the dies as the scanner "sees" around them. Room for 2 models and Auto Occlusion Technology lets you capture upper, lower and bite in one go¹.

RealColor™ technology enhances details

Capture textures and colors on the model for lifelike design experience. Color capture enables technicians to include their hand-drawn markings in the design process.



[Youtube.com/3Shape](https://www.youtube.com/3Shape)

Documented 5 micron accuracy (ISO 12836)

4 x 5.0 MP cameras, high quality mechanics and calibration algorithms.

40% faster scanning speeds

Optimized multi-line technology and processing for fast case throughput.

Quality Control and Service

Compliance with FDA 21 CFR part 820 and ISO 13485

¹. An additional die scan may be required for cases with limited interproximal space between dies and neighboring teeth. All dies must be trimmed and sectioned

3Shape lab scanners for every need



NEW SPEED

D500 Entry scanner to CAD/CAM

- 2 x 1.3 MP cameras, Red Laser
- Accuracy: 10 µm (ISO 12836)
- Die scan time: 35 sec
- Full arch scan time: 90 sec
- Impression scanning



D750 Workhorse of productivity

- 2 x 1.3 MP cameras, Blue LED
- Accuracy: 10 µm (ISO 12836) / 12 µm (Implant bar)
- Die scan time: 25 sec
- Full arch scan time: 55 sec
- Extended interior and multi-die scanning
- Impression scanning



D850 Implant bar accuracy

- 2 x 5 MP cameras, Blue LED
- Accuracy: 7 µm (ISO 12836) / 8 µm (Implant bar)
- Die scan time: 25 sec
- Full arch scan time: 55 sec
- Extended interior and multi-die scanning
- Texture scanning
- Impression scanning



D900L High speed and colors

- 4 x 5 MP cameras, Blue LED
- Accuracy: 7 µm (ISO 12836) / 8 µm (Implant bar)
- Die scan time: 15 sec
- Full arch scan time: 35 sec
- Color texture scanning
- Extended interior and multi-die scanning
- Impression scanning



NEW SPEED

D1000 Ultra-high productivity

- 4 x 5 MP cameras, Blue LED Multi-line
- Accuracy: 5 µm (ISO 12836) / 8 µm (Implant bar)
- Die scan time: 15 sec
- Full arch scan time: 20 sec
- Color texture scanning
- No need for separate die scan
- Impression scanning



NEW SPEED

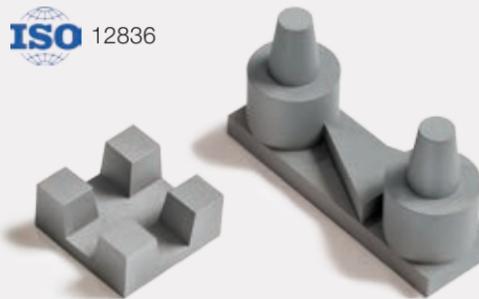
D2000 All-in-one scanning for max volume throughput

- 4 x 5 MP cameras, Blue LED Multi-line
- Accuracy: 5 µm (ISO 12836) / 8 µm (Implant bar)
- Die scan time: 15 sec
- Full arch scan time: 20 sec
- Color texture scanning
- No need for separate die scan
- All-in-One scanning: room for 2 models
- Impression scanning



NEW No need to bring the articulator into the scanner

With 3Shape's unique and improved Calibrated Transfer-plates solution, you can very precisely capture the bite and the model's position in the articulator while saving an extra step. Works with any articulator in your lab.



Know your investment - documented high scan accuracy

Users should know the accuracy measurement methods behind the manufacturer's claims. 3Shape measures and documents accuracy for all scanners according to ISO 12836 standards and dedicated implant bar validation objects.



NEW Local service and long-term support

Get quick access to regional 3Shape Support & service centers worldwide. Long-term support and service of your scanner ensuring continued operation years ahead. New service centers in Japan and Australia.

Be equipped for impression scanning and ensure your investment

Impression scanning is gaining popularity in labs due to improved scanning technologies, new options to design without pouring a gypsum model, and high performing 3D printing at lower costs. Looking ahead, impression scanning is expected to become the standard for 3D scanning in the lab, leaving "gypsum only" scanners obsolete.



COMING All-in-One scanning of Scan triple-tray impressions

Special mount lets you scan triple-trays with capture of upper, lower and bite in one scan.

NEW Optimized workflows for single-tray impressions

Support for single tray impressions scanning including bite alignment.

NEW Next generation impression scanning technologies

Improved software performance and the new multi-line technology in D1000/D2000 significantly improves cavity and impression capture.

“ Impression scanning is today's reality and the future. No waiting for models to set, no plaster inaccuracies and we reduce costs. Any lab should invest in this technology.

*Carlo Backes,
Excent Tandtechniek BV, Holland*

Adaptive Impression scanning technology ensures complete capture
Adaptive Impression scanning detects incomplete surfaces and automatically applies an optimal combination of the cameras and 3-axis motion, ensuring accurate capture of preparation, proximal and contact areas.

Used today for model-free crowns, dentures and customized trays
3Shape's Impression scanning opens new opportunities with support for selected indications. More indications will be added with new software releases.

TRIOS® dentists are looking for 3Shape labs

Thousands of dentist choose the TRIOS® intraoral scanner because it's fast, easy to use and supports the market's widest range of indications. Furthermore, Dental System™ with TRIOS® integration makes it easy for the lab to receive digital impressions, communicate with the dentist, and design the many available indications in completely validated workflows.



39%

of all dental practices expect to invest in a digital impression solution within the next 3 years

3Shape Market Survey 2015

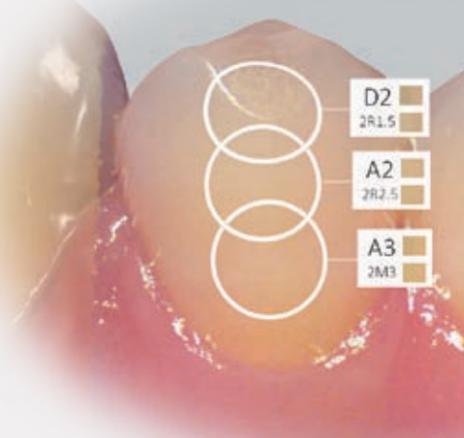
Get your lab ready for TRIOS®
See www.3shape.com/triosready for more information



“Designing and working in the laboratory with a TRIOS scan, is like actually working in the patient’s mouth.”

Dr. Linda Swann

Lee Culp,
CDA, Sculpture Studios, USA



More than an impression
The TRIOS® impression comes with a wealth of information from the practice. Get reliable shade measurements, HD Photos and high quality video to support design and treatment.

D2	2R1.5
A2	2R2.5
A3	2M3



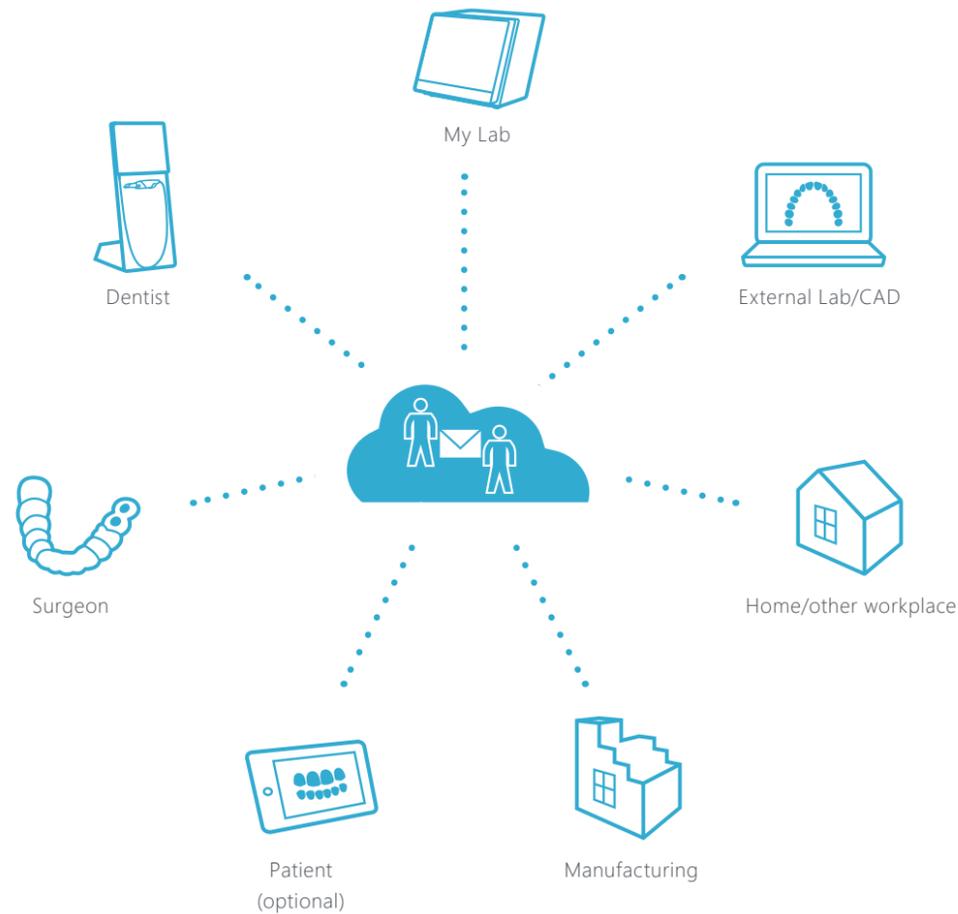
Mobile solution for scanning models, impressions and patients
Get a TRIOS® for your lab and take RealColor™ digital impressions of patients. Or use the TRIOS® for quick and handy scanning of gypsum models and triple tray impressions.

Sharing cases in the cloud builds relationships on the ground

3Shape Communicate™ opens a new world of collaboration between dentists, surgeons, and lab technicians. Easy and flexible sharing of scans and designs enhances efficiency, relationships, and final treatment results.

TRIOS® Inbox included with your Dental System™.

Get approval for scans and designs.



NEW Use the Communicate™ app on PC, iOS and Android.

Easily view case status, send texts, annotate 2D/3D images.

Build models using impressions from any intraoral scanner

3Shape Model builder enables technicians to design high quality models for the widest range of indications, including patented implant models, directly from digital impressions and physical impression scans. More and more dentists use intraoral scanning - and high performing model-building software is essential for your lab's ability to service them and attract new customers.

Create removable neighboring teeth.

Freely select and position articulator interfaces.

Optimized for cost efficiency, such as design of hollow models.



Automatically trim the model to fit the crown and abutment.

Design implant models with soft tissue.

Automatically add ID tags.



NEW Import scans from TRIOS® and 3rd parties.

Freely select Sectioned (dies ditched) models, Sectioned (Cut) models, and Unsectioned models.

New, fast and robust crown design engine

More and more technicians are designing cases that start and even end with the full anatomy. Therefore, powerful crown and bridge modeling tools have become key for lab technicians. That's why 3Shape has focused on creating a robust anatomy design engine that ensures fast workflows and esthetic designs - from single crowns to full reconstructions.

NEW Highly robust design engine

The new software architecture has been optimized for robustness and handling of large cases.

NEW Rapidly move between teeth

Moving between teeth and jaws as you design crowns has never been faster.

NEW Faster smoothing tool

Finalize esthetics of the teeth with the new and powerful smoothing tool.



NEW Select the perfect smile

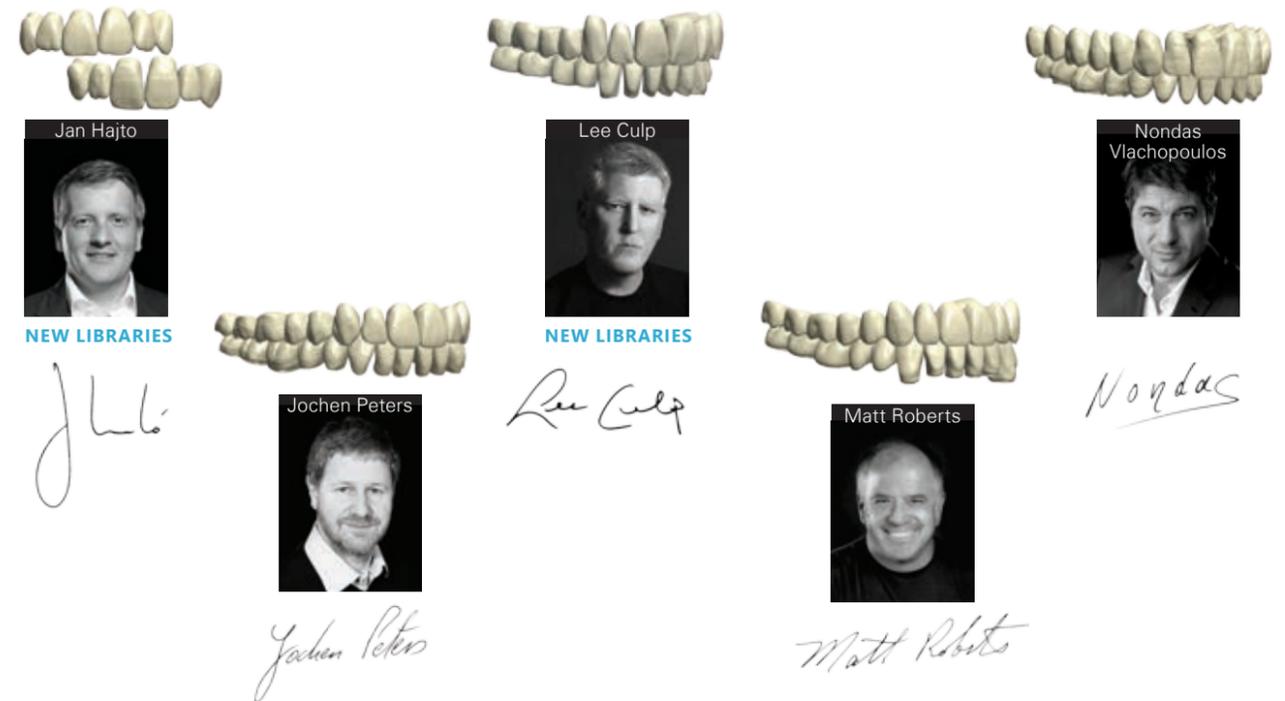
New algorithms make it even easier and faster to select smiles from more than 50 Smile Libraries.

Move groups of teeth in one go

Retain contact points and relative positions when you need to move multiple teeth.

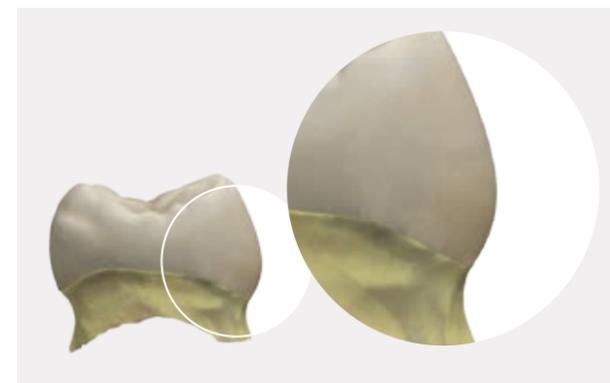
NEW Strengthened mirroring functionality

Easily model the anatomical design of a corresponding tooth with perfect symmetry and esthetics.



Exclusive Signature Libraries from renowned technicians

Apply highly professional anatomy libraries created by recognized masters of esthetic and functional morphology design. New and updated libraries are added all the time.



COMING Optimal crown-margin transition

New software analyzes the margin area to adapt the crown's design for a smooth and clinically optimized connection close to the margin.



Auto Crown designs crowns and bridges in a single click

Full anatomical crowns are automatically positioned and precisely shaped to fit the clinical situation.

New levels of productivity with copings and frameworks

Dental System™ and the new Design Engine introduce powerful automatic design workflows including robust anatomy design, handling of large cases and speed-optimized movement between design steps. New All-in-One scanning technologies and optimized workflows add astonishing speeds to ensure utmost productivity, prosperity, and the ability to compete.

NEW Facial cut-back tool

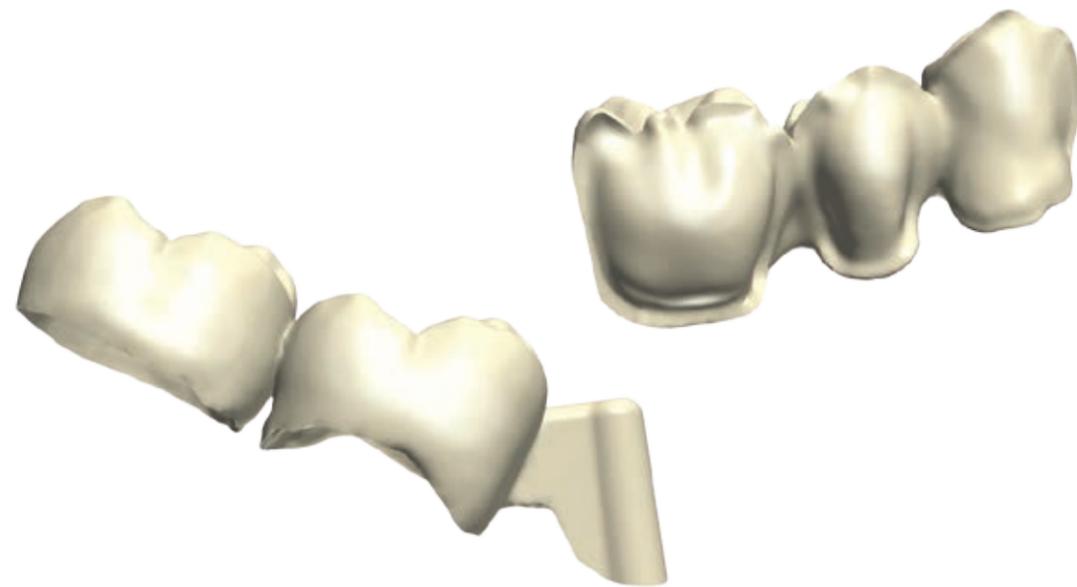
Easily cut-back the facial profile of your design to prepare for veneering.

Split bridges into two pieces

Create bridges with different insertion directions for challenging cases.

Lingual bands made easy

Create lingual bands and occlusal stops for optimized clinical results.



Dentist dependent CAD settings

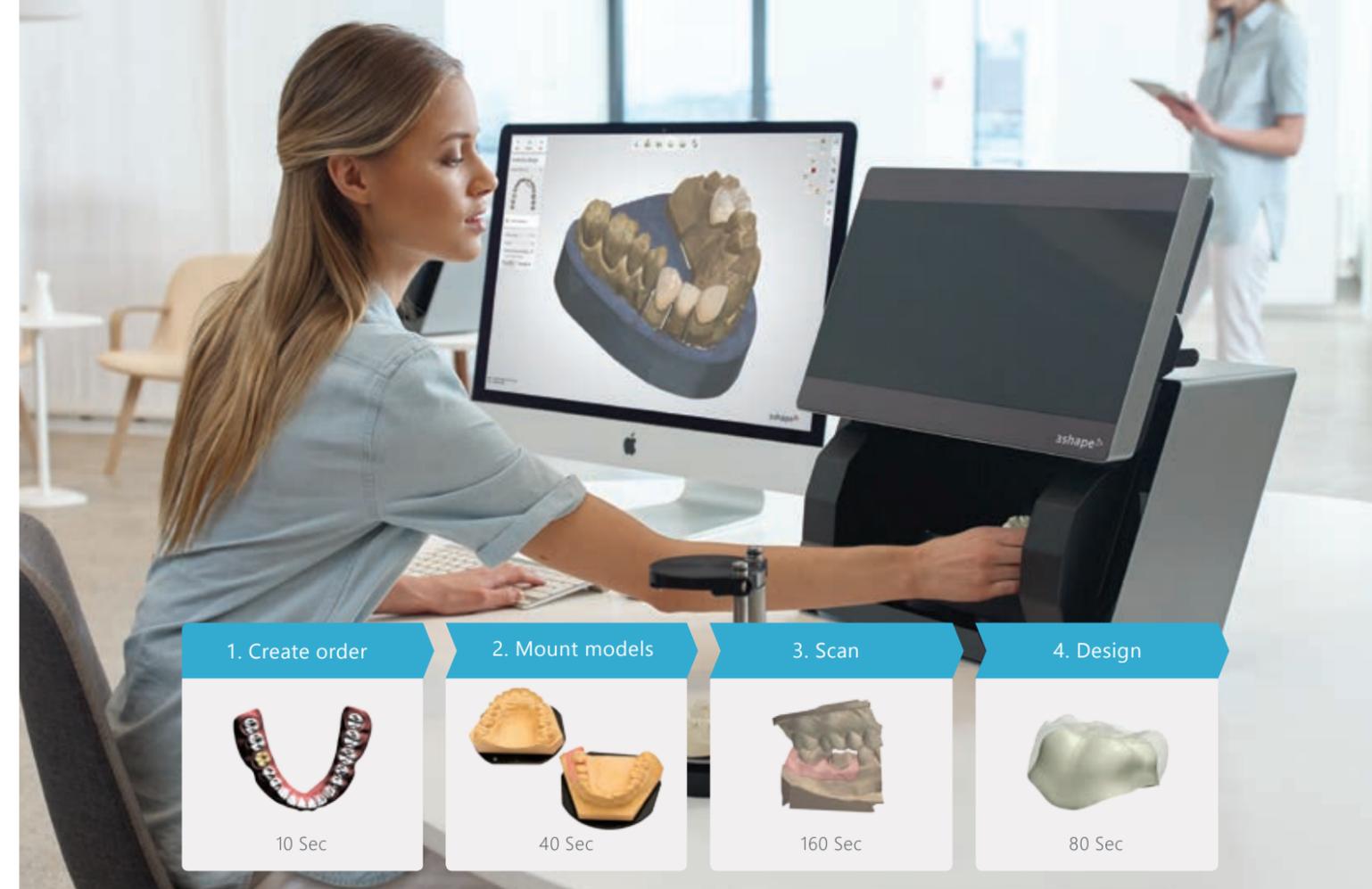
Ensure consistent quality by defining specific design parameters for each dentist.

More power to your attachments

Lock attachment orientations and protect key surfaces against manual sculpting.

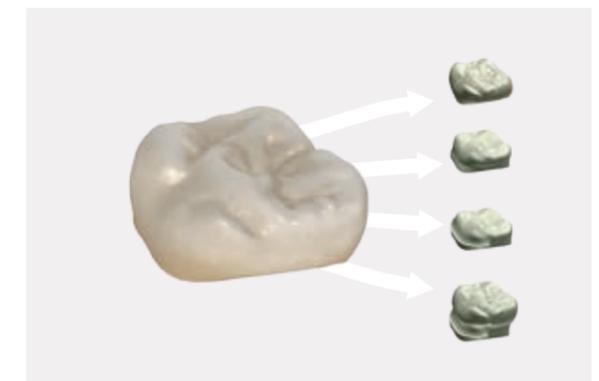
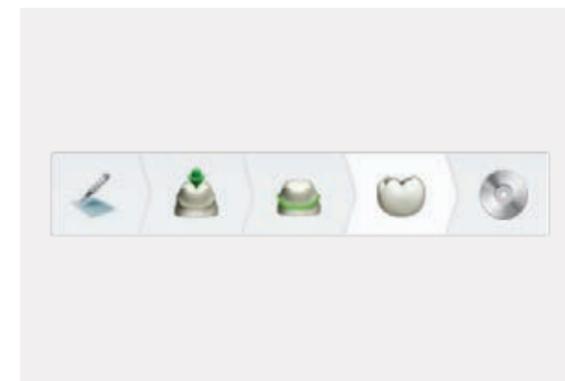
Advanced Sculpt toolkit for design freedom

Virtual wax knife, free-form morphing, cut-to-neighbors, and more



Be the most productive lab in your market

3Shape optimizes your workflow. With All-In-One scanning on the D2000 scanner you can scan upper, lower, all dies and bite simultaneously and let the system model the coping automatically.



NEW Ultra-fast movement between design steps

The new and intelligent design engine saves time by only recalculating relevant design changes when moving back and forth between steps.

Base your restorations on the full anatomy design

Apply the new crown design engine to create optimal and anatomically correct copings, cutback crowns and lingual band plus multi-layer crowns.

Let dentists and patients see what they get

3Shape's RealView™ allows technicians to create near photo-realistic visualizations of patient-cases by bringing together the patient's face and teeth designed in 3D. Not only does this give labs a powerful communication tool, but also enables technicians to design anterior crowns with optimal esthetics.

Create near-natural colors

Pick colors from existing teeth and drop them onto the 3D design.

Easily align 3D and 2D layers

Automatically match the 3D model's position, angle and zoom to the portrait camera.



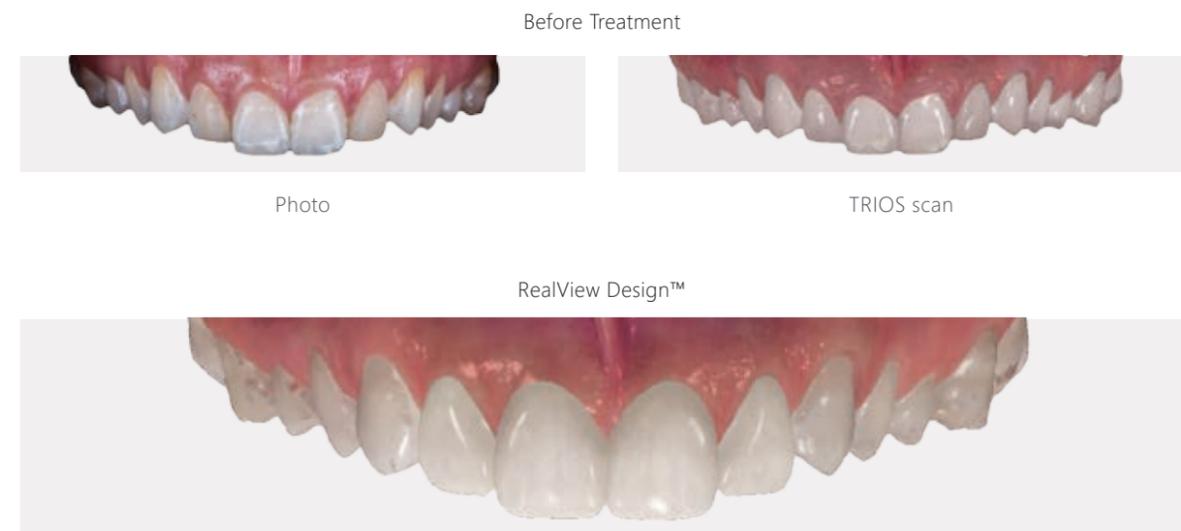
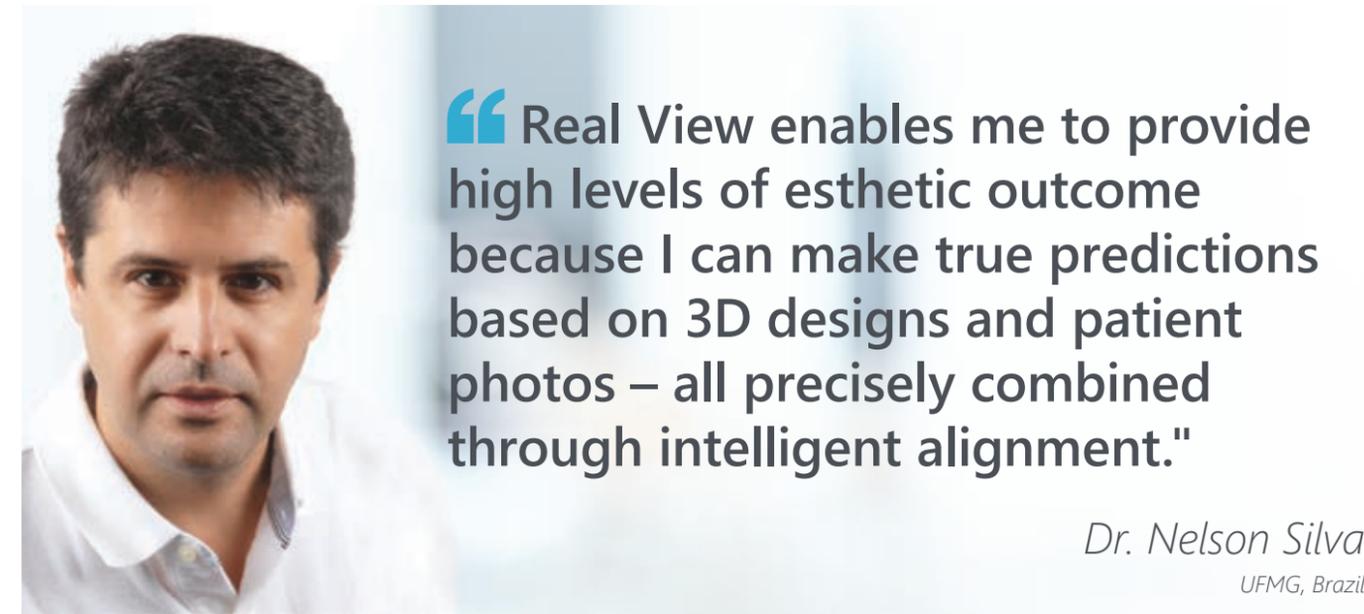
Rodrigo Albuquerque, UFMG, Brazil. Telmo Santos, Coterc, Brazil. Adriana Vieira, UFMG, Brazil. Luiza Silveira, UFMG, Brazil.

NEW Beautiful esthetics with design overlays

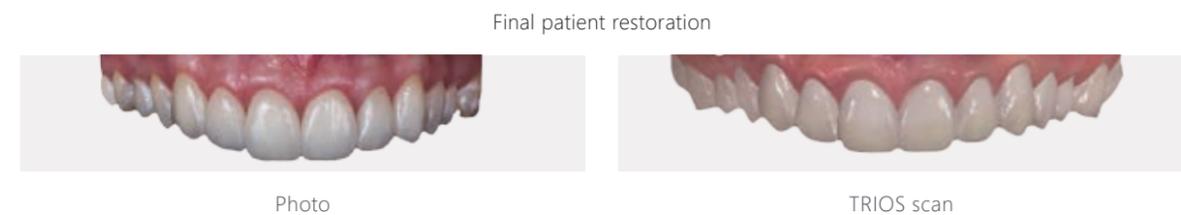
Overlay dental golden proportions and teeth outlines to guide your design.

Guidelines for optimal design

Easily add vertical and horizontal design guidelines.



The 3D design proposal was created and then shared with the dentist and patient by combining scans, photos and 3D designs in the RealView engine. From this a try-in was produced and approved before making the final restoration.



More business with digital temporaries and diagnostic wax-ups

Labs can now provide dentists with cost-effective temporaries that enable patients to try on the final crown design as a temporary. Impress dentists and their patients with realistic diagnostic wax-ups that visualize the final design and secure the order for the final crown.

Sophisticated virtual preparations

Design the final crown anatomy and virtually create the preparation using optional methods.

Virtual gingiva for temporary bridges

Technicians can virtually extract teeth and form the gingiva in order to build complete temporary bridges.

Provide dentists with a physical wax-up

Print a cost efficient diagnostic wax-up model for the dentist.



Reuse the temporary design for the final crown

Save time and deliver the promised result by copying the temporary design to the final crown.

Positioning Guides for accurate placement of temporaries

Help your dentist easily and accurately place temporaries using custom designed positioning guides created in the same workflow.

Cost efficient Model free workflow

Use digital impressions or scans of conventional impressions without pouring a model

Superior function and fit with true articulator motions

Virtual articulators are exact replicas of your physical articulators. They allow technicians to design better crowns, save time on manual post-processing and offer crowns without pouring gypsum models. All 3Shape scanners now support Special 3Shape Calibrated Transfer Plates that allow technicians to bring the exact position from the physical articulator into its virtual replica in the software.

NEW Easily and intuitively raise the bite

Simply reposition the virtual incisal pin to precisely raise and close the bite.

Adjustable Incisal Table

For designing large anterior cases.

Automatically adapt occlusion

Perform motions and adjust occlusion with a single click.



Work with your preferred articulator



ACR
(Artex™ compatible)



DENAR®
Mark 330



Bio-Art
A7 Plus
NEW



KaVo
PROTAR® evo



SAM
2P



SHOFU
ProArch IV
NEW

Increase your offerings to the dentist with new indications

Dental System's™ digital tools give your lab a competitive edge by making it easy for technicians to provide dentists with the full range of indications in any material, and special tools that they use for easier and better treatment.



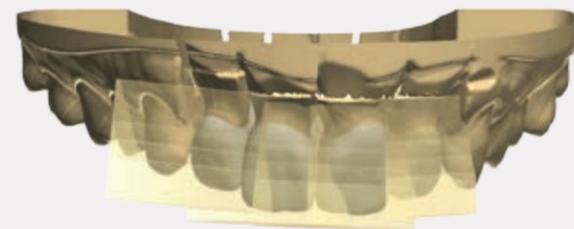
Auto-inlay for high productivity

Easily design inlays and onlays with high esthetics and minimal adjustment needs. New margin line tool makes it fast and easy to define the margin.



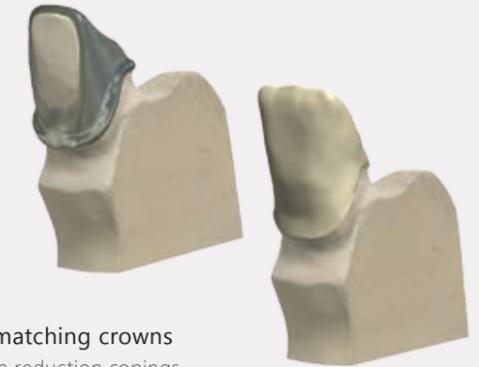
Easily create highly esthetic veneers

No need to section the gypsum model when designing veneers so technicians avoid cutting into the neighboring teeth.



Multilayer Blanks and CAD Blocks for optimal esthetics

Achieve improved esthetics on monolithic crowns using materials in multi-color layers. Easily place all the crowns simultaneously for optimal alignment of the color layers, and transfer the position to 3rd party CAM software.



COMING Help your dentists with reduction copings and matching crowns

When the preparation is too large you can easily create and provide reduction copings which the dentist can use to precisely trim his preparation and mount the matching crown.



NEW Easily and precisely apply table-tops to raise the bite

Easily raise the bite using your virtual articulator, and apply Smile Composer to place the teeth and let the software cut to complete the table-top.



NEW workflow for non-preparation veneers

Technicians can now easily create highly-esthetic veneers by placing the anatomy first and the margin line will automatically be defined on the non-prepared tooth.

Digital efficiency and accuracy for your Post & Core cases

3Shape's unique and patented solution brings new levels of productivity to classic Post & Core treatments. The combination of advanced scanning capabilities and modeling features facilitate ideal designs for the specific clinical situation.



Scan models or use TRIOS® intraoral scans

Designed Scan Posts™ facilitate accurate position and depth capture of Post and Core positions and depths.



Improved designs based on the final crown shape

Freely choose between designing standard Post & Core, anatomical posts or single-piece retained crowns.



NEW Dedicated impression scanning algorithms

3Shape's special impression scanning workflows are the perfect way to capture details for post and core cases.

Supports multi-post cases and parallel core design

Easily design 2 or more perfectly parallel Post & Cores and enjoy full support for multi-post cases.

Sophisticated telescope design to meet any clinical case

Create advanced primary and secondary telescope constructions for even complex clinical cases using flexible tools and attachments. Design the anatomy first to intuitively guide the telescope design, realizing better results in terms of space, functionality, and esthetics.

All types of attachment crowns

Easily design attachment crowns and add attachments of any type including sophisticated Stress Distribution Arms.

Anatomical design of secondary crowns

Optimized workflow for efficient design of anatomical secondary crowns using the shape of the primary layer.



Improved fit of primary telescopes

New design tools enable technicians to create esthetic and functional primary telescopes.

Easy scanning of un-sectioned models

Avoid sectioning the telescope gypsum model and achieve optimal accuracy using the D2000 and D1000 scanners.

Customized Abutments derived from the anatomy design

More and more labs are customizing abutments and screw retained crowns because they get improved clinical results, better esthetics and increased profits in a growing implant market¹.

Faster abutment design workflows

Easily navigate between the workflow steps and modify individual abutments or anatomy designs.



All types of abutments

Create customized abutments, screw-retained crowns and anatomical abutments.

Abutment level

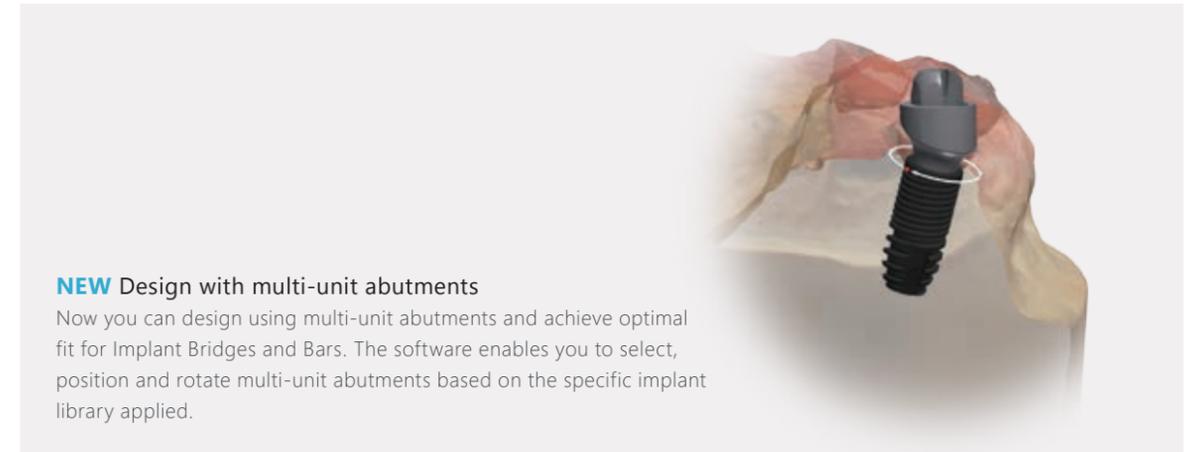
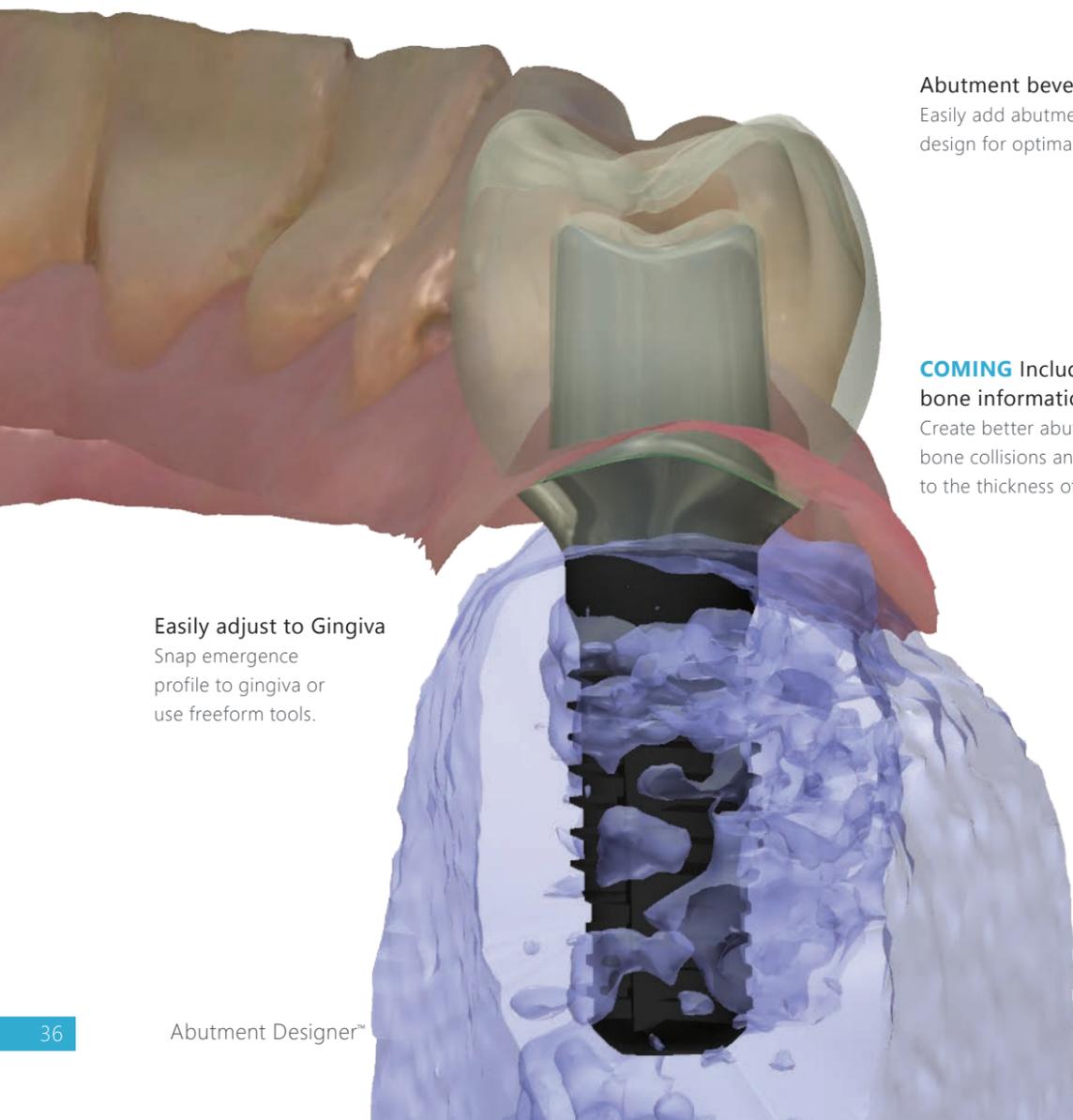
Easily add abutment level to your design for optimal crown support.

COMING Include bone information

Create better abutments without bone collisions and optimally shaped to the thickness of the gingiva.

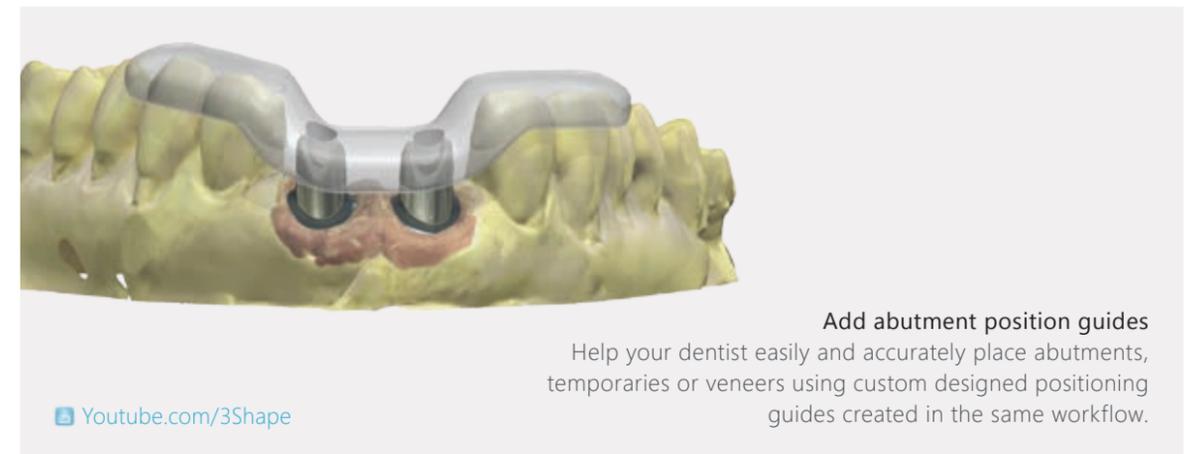
Easily adjust to Gingiva

Snap emergence profile to gingiva or use freeform tools.



NEW Design with multi-unit abutments

Now you can design using multi-unit abutments and achieve optimal fit for Implant Bridges and Bars. The software enables you to select, position and rotate multi-unit abutments based on the specific implant library applied.



Add abutment position guides

Help your dentist easily and accurately place abutments, temporaries or veneers using custom designed positioning guides created in the same workflow.

[Youtube.com/3Shape](https://www.youtube.com/3Shape)

More than 70 implant libraries

Get abutments from both original and compatible-with implant manufacturers covering all global and key regional players.

See all on www.3shape.com/implant-libraries

¹. 501 (k) clearance pending. Only libraries using FDA-cleared components permitted in the US.

Because accuracy and esthetics matter

Expand your lab's business by offering a high value service that is rapidly growing in demand. Documented 3Shape scanner accuracy and many new tools in the Dental System™ software allow lab technicians to design highly sophisticated Implant Bridges and Bars with the utmost precision¹.

NEW Powerful and easy gingiva design

Easily design implant bridges complete with gingiva based on the final anatomy and a gingiva boundary that you define.



David García, Laboratorio Garbident, Spain

NEW Optimized Smile Composer for implant bridges

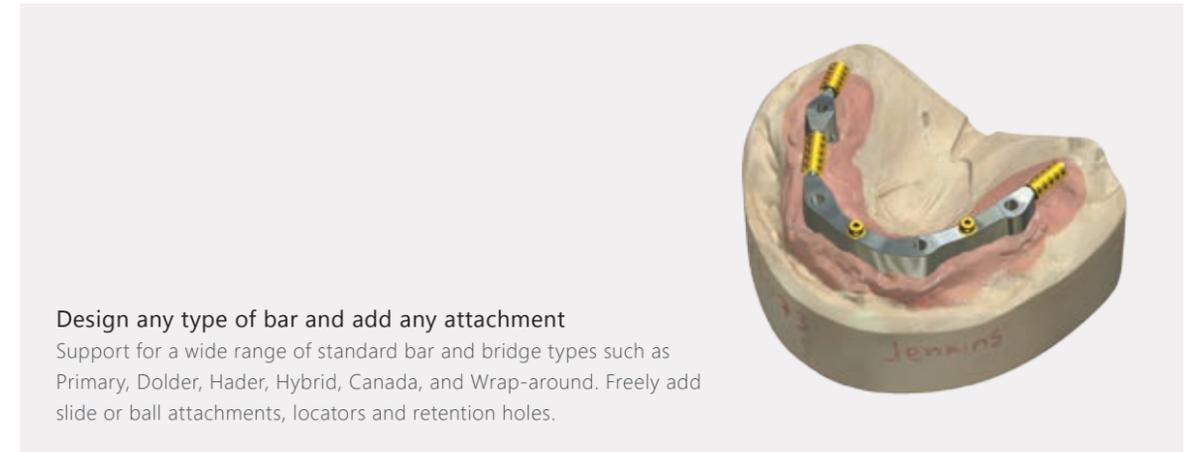
3Shape's Smile Composer has been empowered with increased stability and speed for smooth design of large cases.

Proven bar accuracy with the 3Shape D2000 scanner

Accuracy on all 3Shape scanners is verified and documented according to ISO12836 and specially designed implant objects.

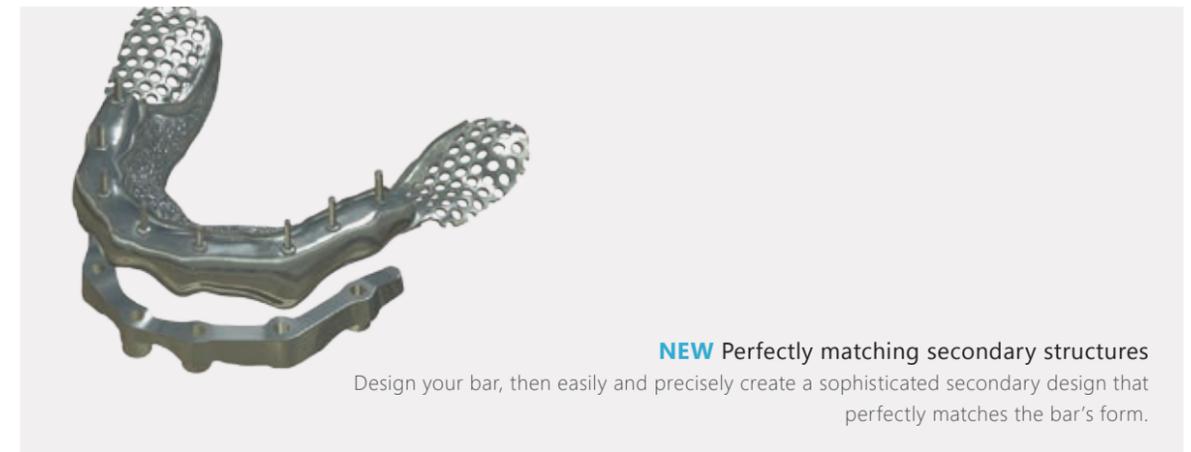
Improved sculpt tools for better designs

Enhanced flexibility and improved algorithms gives technicians full control for fast and easy design.



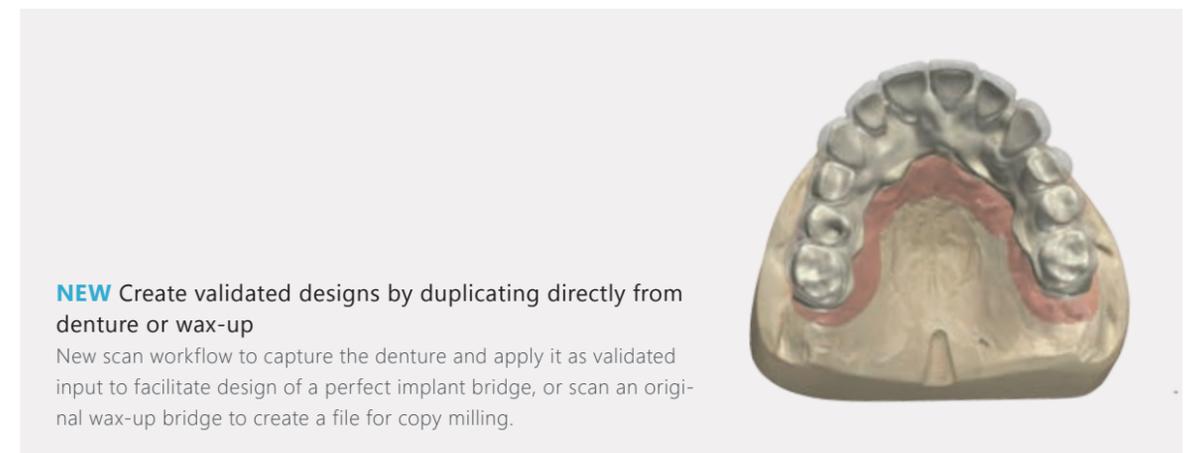
Design any type of bar and add any attachment

Support for a wide range of standard bar and bridge types such as Primary, Dolder, Hader, Hybrid, Canada, and Wrap-around. Freely add slide or ball attachments, locators and retention holes.



NEW Perfectly matching secondary structures

Design your bar, then easily and precisely create a sophisticated secondary design that perfectly matches the bar's form.



NEW Create validated designs by duplicating directly from denture or wax-up

New scan workflow to capture the denture and apply it as validated input to facilitate design of a perfect implant bridge, or scan an original wax-up bridge to create a file for copy milling.

Offer complete services for implant cases

3Shape Implant Studio® enables your dental lab to design and produce cost-efficient surgical guides, and offer prosthetic driven implant planning. Using the implant positions, you can also design and produce all the prosthetic components such as temporary crowns and customized abutments*.

NEW Provide edentulous treatment

Treat completely and partially edentulous patients using the Double Scan Strategy, the abutment simulator and the 2-piece guide.

NEW Access to a wide range of implant libraries

Work with more than 30 different implant and sleeve manufacturers in combination with your Dental System libraries.



Powerful tools for flexibility

Flexible tools include adjustable implant safety zone, manual alignment, advanced crown and guide design, drill instructions and many more.

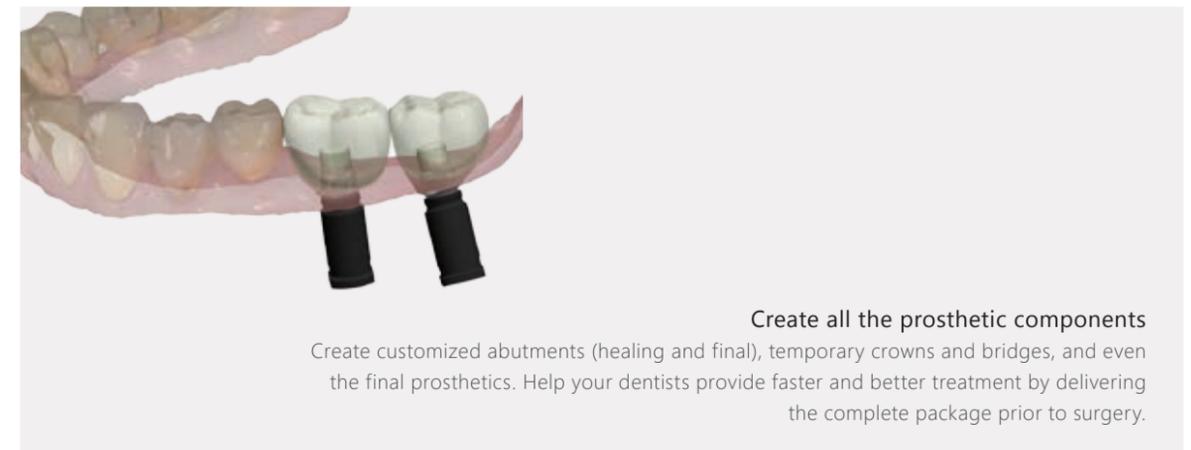
NEW Easily interact with partners to ensure optimal results

With 3Shape Communicate you can send, receive, evaluate and approve cases. The new reporting tool makes it easy for partners to exchange comments.



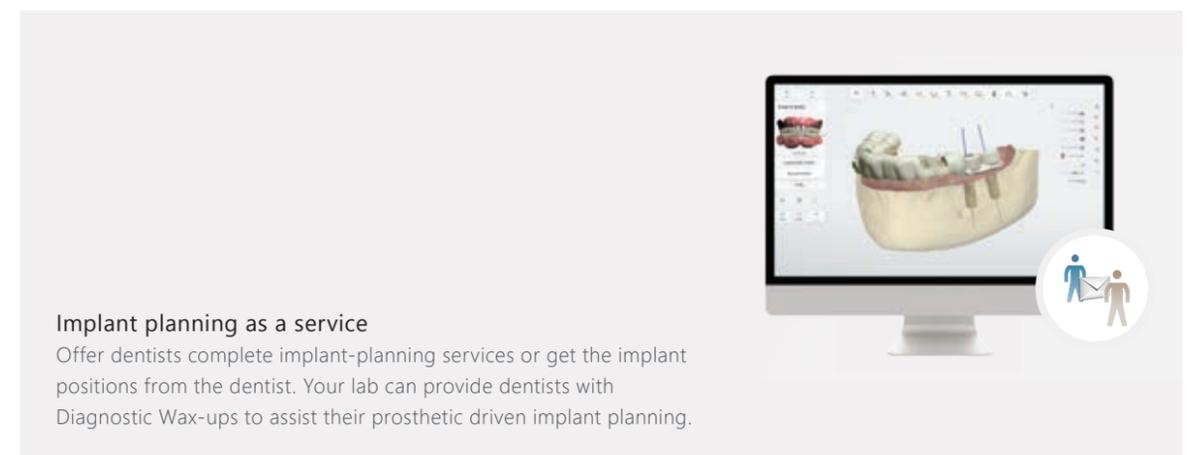
Design surgical guides for printing or milling

Deliver cost-efficient surgical guides that you produce locally and customized to the dentist's needs. Guides are derived from the implant positions ensuring predictable surgical outcome. Create tooth supported or edentulous supported guides.



Create all the prosthetic components

Create customized abutments (healing and final), temporary crowns and bridges, and even the final prosthetics. Help your dentists provide faster and better treatment by delivering the complete package prior to surgery.



Implant planning as a service

Offer dentists complete implant-planning services or get the implant positions from the dentist. Your lab can provide dentists with Diagnostic Wax-ups to assist their prosthetic driven implant planning.

Read more in the Implant Studio™ brochure

*Implant Studio™ has FDA 510(k) clearance

Dentures just went digital

3Shape's Denture Design™ software not only allows labs to create dentures digitally in fast and intuitive workflows, but also enables them to improve clinical performance while helping dentists to reduce their denture patient's time in the chair and number of visits.

NEW Scanning optimized for dentures

Scan gypsum models (upper, lower, max-rim), impressions (centric, single trays), or rescan your wax try-in.

NEW Wider range of denture teeth libraries

Dental System now includes even more libraries, giving technicians options to use their preferred teeth manufacturer.

NEW Support for denture teeth combination charts

To save time, the software shows technicians only the valid combinations of teeth libraries.



NEW New tools for exclusive occlusion setup

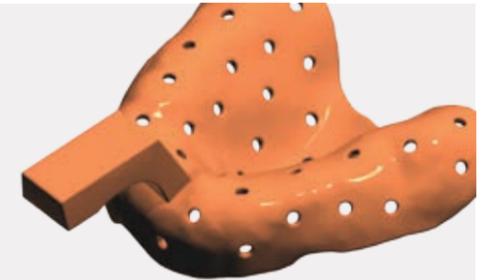
Technicians can flexibly prepare their own occlusion system according to needs and preference.

NEW Improved automatic Gingiva matched to the teeth

Simply define the gingiva boundary and let the software design an aesthetically shaped gingiva.

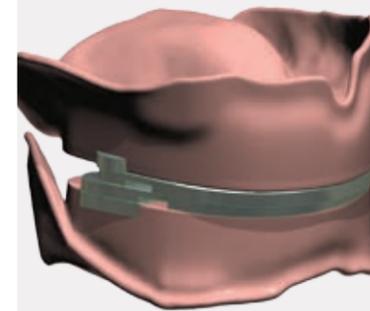
NEW Improved production validation

The software automatically validates for minimum material thickness as well as the fit of the denture base in relation to the blank.



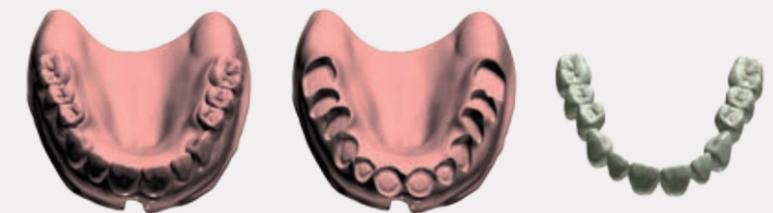
NEW Cost-efficient customized impression trays using CAD/CAM

Improved design tools include extremely fast creation overflow holes in the tray. Bypass pouring a gypsum model by scanning the impression directly to design customized trays and print them on low-cost 3D printers.



NEW Help your dentists reduce the number of patient visits

Digitally create a Bite Plate that combines customized impression tray, wax rim, and Gnathometer all in one impression taking. Labs can now scan such appliances to capture the centric relation, smile line and other patient specific information. Patented and offered exclusively by 3rd party.



NEW Enhanced support for a wide range of manufacturing solutions

Improved system integration now sends even more information to the milling machines and 3D printers. Extended support for a wide range of manufacturing methods including monoblocks for moulding or direct milling as well as basal reduction process.

Designing Removable Partial Dentures starts with virtual teeth

3Shape's new generation of Removable Partial Denture Design software lets technicians place virtual teeth that guide them for better framework design. This solution is the first step towards complete digital manufacturing of both the gingiva and teeth in a single integrated workflow. 3Shape's Removable Partial Denture Design software reduces normal production time by 60-70%, and a technician can design a Removable Partial Denture in less than 15 minutes.

NEW Add virtual teeth for better frameworks

Place virtual crowns to guide your frame design for optimally stability and esthetics.

NEW Apply metal dummies and metal backings

Turn the virtual crowns into metal dummies or anatomically reduced teeth completely merged within the framework.

NEW Share and manage design settings

Easily define and share configurations of framework design settings with technicians or other labs.



NEW Flexible choice of connector types

Easily create and use major connectors with different waxing material properties.

Design Clasps and Occlusal Rests

New tool to design esthetic and functional occlusal rests.

Scan pencil markings on the model

Texture scanning brings your hand-drawn design-guidance markings into the software.

Expand your business with Orthodontic services

Add 3Shape's Orthodontic solution to your system and get even more from your Dental System™ investment. Use your lab scanner with the software's intuitive workflows to provide a wide range of basic orthodontic products and services. An easy and straightforward way to expand your customer base and create new business.



Offer splints, night guards, mouth guards and similar dental appliances

Intuitive workflows, flexible tools and advanced user guidance make it easy for technicians to design high quality splints. Designs are ready for optimized manufacturing on milling machines and 3D printers.



Provide indirect bonding services

Accurately position brackets according to clinical principles, including maximum contact to the tooth surface to optimize treatment efficiency. Design bracket transfer trays or jigs for model-free manufacturing or vacuum pressing.



Digitalize plaster study models as a new service

Help your clients save storage space by archiving their models digitally. Use your lab scanner to create digital study models from impressions and plaster models, or create them directly from intraoral scans.

New seamless integration for milling and 3D printing

The required steps for manufacturing are now completely integrated in Dental System™ and have thereby become just another step in the workflow. Simply prepare the manufacturing job and click to start the machine. This solution provides labs and milling centers with unmatched manufacturing productivity and ease of use.

COMING Just another step in the workflow bar

All manufacturing steps have now been brought into the Dental System™ software ensuring whole new levels of integration.

COMING Automated placement ensures high productivity

The software automatically places items in blanks and on the print platforms for optimized material usage and efficiency.

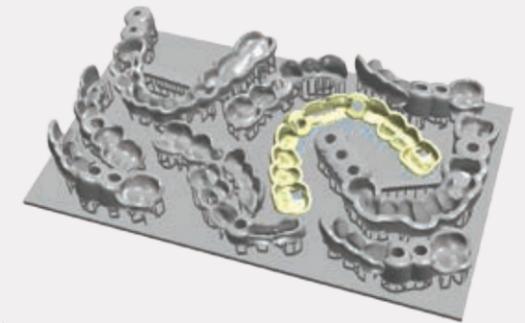


COMING Your items go to the right jobs

The item is transferred automatically to the designated blank and printer platform, based on the specific information regarding materials, colors and indications.

COMING Flexibly choose your CAM engine

The manufacturing software supports a wide range of 3rd party CAM engines giving users the option to apply their favorite solution.



NEW Automated workflows for a wide range of 3D printers

Automatically prepares printing while ensuring optimal placement, orientation, support generation, ID-tagging and communication with the machine.



COMING 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.



NEW Complete integration with milling machines and printers

3shape works directly with a wide range of providers of milling machines, 3D printers and laser sintering machines to ensure seamless integration between the design and manufacturing in Dental System.

3Shape develops 3D technologies

for dental practices and labs

