



SureSmile Ortho
Get into digital.



SureSmile Ortho

Power up your practice with new levels of digital precision, control and value.



Based on proven SureSmile® technology,

SureSmile Ortho gives you dynamic new approaches to aligner design, IDB and diagnostics. A study published by the University of Minnesota indicates that SureSmile CAD models were the most accurate measured.¹

SureSmile Ortho software enables you to get the most out of your scanning investment and accepts STL files from all scanning sources. Intraoral scans are highly recommended to achieve the best fit and optimum results.

You will never be alone with SureSmile Ortho!

You'll receive support from our expert digital lab service team as well as from the extensive training resources on-line. Plus, we're just a phone call away whenever you need assistance.

Whether you choose SureSmile® Aligners In-office Aligner Design, SureSmile IDB™ or Diagnostic Solutions, all are designed to:

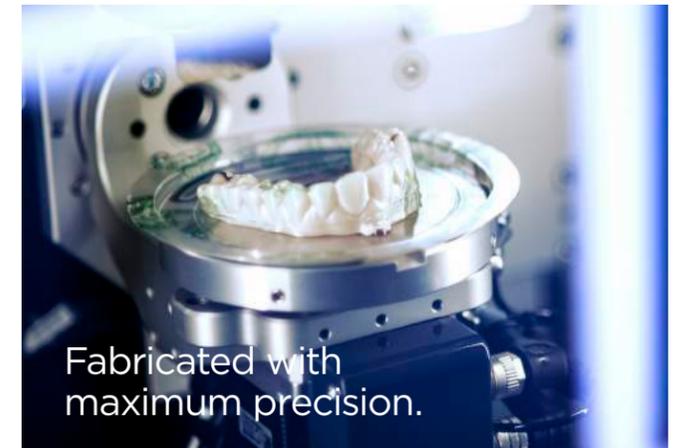
- Be easy to learn and use
- Increase control and precision
- Integrate into your practice seamlessly
- **Accept STL files from all scanning sources**
- **Dentsply Sirona's Primescan is a preferred scanning source due to its high level of accuracy and detail.**

SureSmile® Aligners

Clinically powered. Clinician controlled.

The SureSmile Aligner system is powered by a robust, clinically proven digital treatment planning platform. Ceph registered to 3D model and smile photo supports more biologically achievable outcomes that enable shorter, efficient treatment times. Treatment plans are digitally designed with **ABO® graded finish***.

Using the advanced capabilities of the software and clinical expertise of the SureSmile TechCenter, each aligner is custom designed to the clinician's treatment plan, and anatomically designed to the patient's facial photo for ideal smile design.



Fabricated with maximum precision.

Choose Complete or Select for aligners your way.

Complete for greater flexibility in full arch treatment:

- Full clinician control of digital adjustments to all tooth movements, attachment design/ placement, and staging using our advanced 3D modeling, and simulation tools
- Flat rate pricing includes unlimited aligners and free refinements throughout treatment**
- Export staged models for fast 3D model printing to use in making replacement aligners and retainers

Select for a flexible platform for aligners or hybrid treatment plans:

- Clinician preferred control of initial treatment plan (in-office or SureSmile TechCenter)
- Same clinician control of digital adjustments as in Complete
- Pay only for the aligners you need
- Export staged models for fast 3D model printing to use in making replacement aligners and retainers

"When it comes to aligners, the SureSmile Ortho platform is all about versatility. I can use it for anything from comprehensive treatment to limited alignment and active retainers. Plus, I have the choice of having them fabricated for me in SureSmile's digital technology center or making the appliances in-house. When it comes to pricing I can choose **Complete** and get unlimited aligners or **Select** and pay-per-aligner. This system truly puts control back in the hands of the orthodontist."

Cory Costanzo, DDS, MSD
Fresno, CA



1. Study conducted in 2014. Grünheid, T.; Patel, N.; De FelippeN.; Wey, A; Gaillard, P.; Larson, B. Accuracy, reproducibility, and time efficiency of dental measurements using different technologies. Am. J. Orthod., 157-164

*SureSmile automated quality scoring methods were designed and implemented in accordance with ABO Calibration Kit. ABO is not a registered trademark of Dentsply Sirona; no endorsement is implied.

**Treatment time up to 3 years from aligner production.

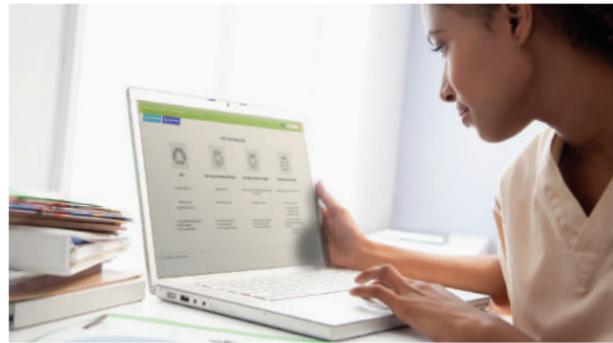
In-office Aligner Design

The value of versatility.

For practices that have 3D printers, vacuum pressure machines or want to do their own treatment plans there is a range of DIY options. Built-in automation, combined with our training programs, enable substantial delegation to keep required doctor time to a minimum.

In-office Aligner Design offers:

- Attachments available for more controlled movement and enhanced efficiency
- User-determined desired tooth movements
- Automated staging of tooth movements
- Quick viewing for case monitoring at all stages
- Task management, case tracking and patient reporting



Applicable to a wide range of therapies:

- For simple relapse or moderate crowding cases from start-to-finish (attachments can be applied digitally to aid in achieving more challenging movements)
- For more aggressive adult cases, aligners can be used following a few months of fixed appliances
- To treat one arch while treating the other with fixed appliances
- To finish fixed appliance cases with an aligner sequence, concluding with a retainer

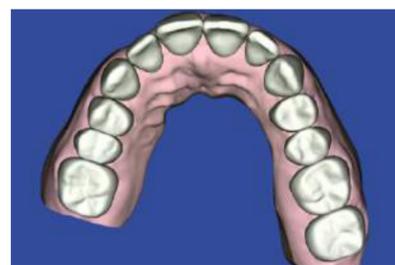
Hybrid Treatment: A case in point

"This case was treated with brackets for 4 weeks (upper 4 to 4), followed by 6 sets of aligners. We find that our patients are always happy to get out of braces sooner and we are pleased with the consistency of finish."

Case treated by Dr. Peter Kierl



Initial intraoral Upper Occlusal (maxilla)



Planned result



Post-treatment

SureSmile IDB

The indirect approach to precision.

The SureSmile IDB system delivers the accuracy of a jig with the chairside convenience of a tray.

SureSmile technology has been used for over 15 years to identify bracket location with scanning. Now, for the first time ever, we are offering a system that can help place brackets digitally on a CAD model and subsequently enable transfer to the teeth with unprecedented accuracy and efficiency.

There are two components to IDB: design software and a 3D printed IDB tray. Both are completely innovative in their approach and level of precision.

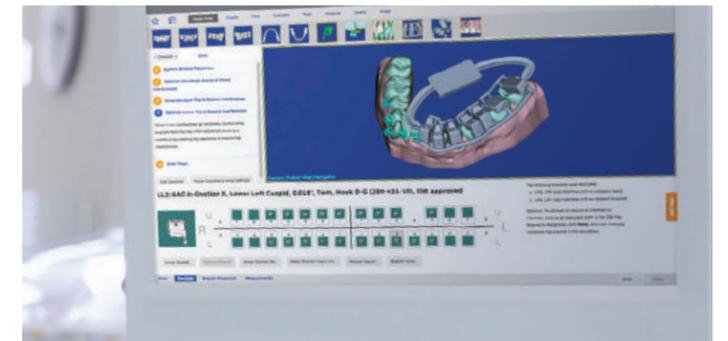


Software control of bracket placement

- User definable bracket preferences
- Automated simulation of an ideal setup
- Automated placement of brackets based on user-defined heights or Facial Axis (FA) point
- The ability to determine how many tray segments you prefer per arch

3D printed tray segments

- Rigid design for precise fit to the occlusal surface and minimal post-bonding clean-up
- Patent-pending design for easy, fast tray removal
- Available in 13 pre-designed arch forms
- Straight-wire simulation with inter-arch control available



IDB: A case in point

A 29-year-old female presented for consultation with a Class II, Division II, Subdivision Right malocclusion with a moderate deep bite and moderate maxillary and mandibular arch length deficiencies. Her LR6 and LL6 have been extracted and there is mesial drift forward and tipping of her LR7 and LR8. All other 3rd molars have been extracted. She is also seeking a non-surgical option for orthodontic treatment.

Case treated by Dr. Edward Lin



IDB automated digital design



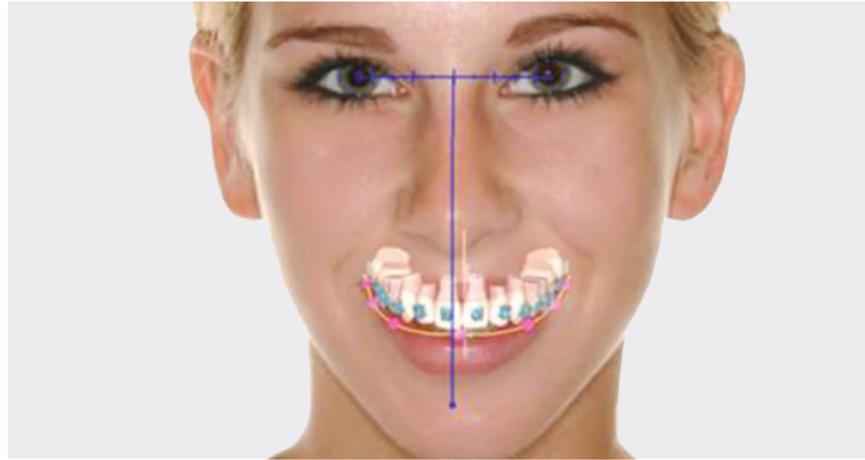
IDB tray positioned for bracket bonding



Precision bonding completed

Diagnostic Solutions

For the visionary in you.



The ultimate smile arc planning technology

Diagnostic Solutions and Appliance Design is built on the SureSmile technology foundation developed and then refined over 15 years.

The basis for all digital appliance design is the CAD model. For this reason, we have invested in software development and process control required to deliver the most precise models in the industry. A study published by the University of Minnesota indicated that SureSmile CAD models were the most accurate measured.¹

This accuracy, combined with the most advanced array of diagnostic CAD tools available, can be used independently to assess challenging cases of any type, or in tandem with aligner and IDB design.

Whether it is a routine assessment or determination of non-surgical

alternatives for a patient who declines surgery, there is no more powerful system than what is provided in your SureSmile Ortho toolkit.

Model capabilities:

Automation

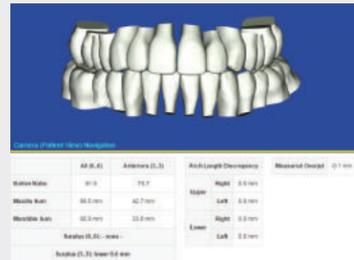
- Bolton analysis on every model
- Interactive quality tools for assessing occlusion
- Automated measurements of tooth width, arch width, interproximal contact points and clipping planes

Real-time simulation:

- Occlusal contact points
- IPR options, skeletal movements, evaluation of multiple treatment strategies, etc.
- Ability to create treatment simulations for surgical, restorative and extraction cases

The Diagnostic Tool Set

Having the most advanced array of diagnostic CAD tools available, SureSmile Ortho can be used independently to assess challenging cases of any type, or in tandem with aligner and IDB design.



Diagnostic tool features automatic Bolton and Arch Length Analysis on every model.



Each case also can be evaluated using the Discrepancy Index and Quality Tools.



Select an area of discrepancy, and the software will zoom in for evaluation.

Primescan

Enjoy the scan.

SureSmile Ortho accepts scans from all intraoral devices.

As part of the Dentsply Sirona family, Primescan is a preferred scan source that offers best-in-class digital technology. As is consistent with SureSmile Aligner's commitment to training and support, Primescan is committed to providing knowledgeable resources that are with you every step of the digital way.

An excellent choice for outstanding results: Primescan is your perfect starting point into digital dentistry. It is incredibly easy to use and creates full arch scans in a very short time. Digital models can be securely transferred via the Connect Case Center or exported as STL files. Primescan is seamlessly integrated into the Sure Smile Aligner workflow. The optional CEREC Ortho Software* is available for special orthodontic tools such as model analysis and treatment simulation.



Speed

Primescan can scan deep volumes and steep surfaces and delivers precise digital models in a short time.



Accuracy

The innovative Smart Pixel Sensor processes more than 1,000,000 3D points per second, producing photorealistic and highly accurate data. In fact, Primescan is the most accurate scanner in the market.**



Ease of use

Scanning with Primescan is easy and comfortable. Even inexperienced users can quickly produce impressive results.



Experience the simplicity of scanning.

Contact your Dentsply Sirona representative or learn more at dentsplysirona.com/primescan

Get Started

You will be well-trained.

United States, Canada, Australia, New Zealand & Europe

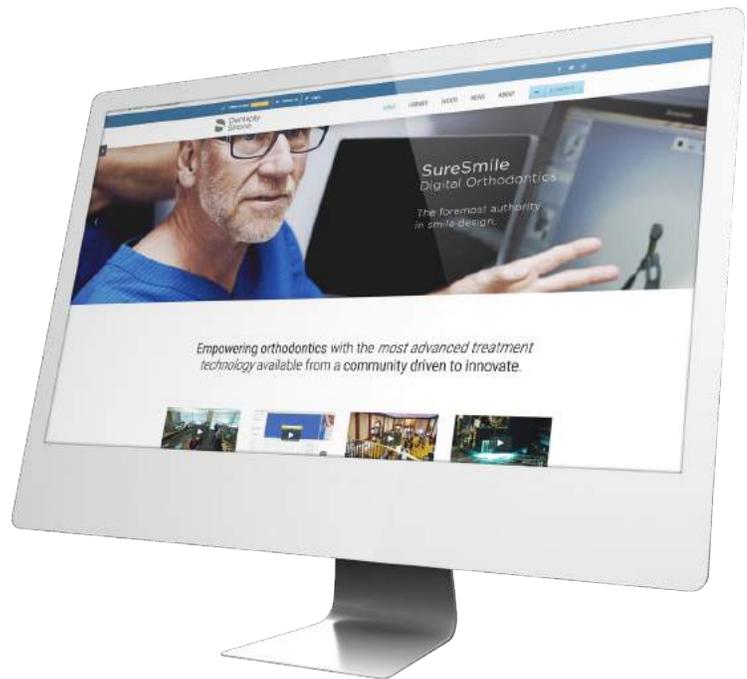
To get started, you'll complete online training modules - IDB requires one full day of in-office training. Check for fees and availability for your location by visiting [SureSmile.com](https://www.suresmile.com).

Here you can also find SureSmile U content which delivers a 24/7 learning resource site, for step-by-step guides, videos, and job aids.

Online digital training modules and SureSmile Ortho training sessions are available on [SureSmile.com](https://www.suresmile.com) under SureSmile U.

For other countries

Online digital training modules available through [SureSmile.com](https://www.suresmile.com) > SureSmile U



Ready to get into digital?

To learn more visit [SureSmile.com](https://www.suresmile.com)

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