SureSmile Ortho

Get into digital.
SureSmile Ortho
Power up your practice with new levels of digital precision, control and value.

One software platform delivers multiple options:
- Full-Service Fabricated SureSmile Aligners
- In-office Clear Aligner Design
- SureSmile Arch Models (Printed)
- SureSmile IDB (Indirect Bonding)
- Advanced Diagnostics

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.

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.

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

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*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

SureSmile IDB
The indirect approach to precision.

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.

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

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

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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

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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. 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.

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

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.

Primescan enjoys the scan.

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


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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.

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 under SureSmile U.

For other countries
Online digital training modules available through SureSmile.com > SureSmile U

Ready to get into digital?

To learn more visit SureSmile.com

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