

Press Release



Advanced 3D Dental Treatments Made Possible By i-CAT® And New, Exclusive Tx STUDIO® Software

The feature-rich Tx STUDIO 3D planning software fully integrates with the Award-Winning i-CAT® cone beam 3D systems to provide highly effective diagnosis and treatment-planning capabilities.

Hatfield, PA (February 23, 2012) Imaging Sciences International is pleased to announce the release of Tx STUDIO, now fully integrated into i-CAT® Next Generation™ and i-CAT® Precise™ systems. This powerful software creates the opportunity for general dentists and specialists alike to take advantage of i-CAT's award-winning 3D imaging with comprehensive treatment planning tools for implants, airway, TMD, orthodontics, and a myriad of surgical procedures. It is the only software to be bundled with a CBCT system that does everything from diagnostics to implant and orthodontic treatment planning.

Designed by clinicians for clinicians, Tx STUDIO delivers uniquely comprehensive tools covering treatments from Implants to Orthodontics. With its wide selection of treatment-planning features, Tx STUDIO is an excellent addition to i-CAT cone beam 3D systems which are known for their unparalleled clinical and dose control, as well as the industry's fastest workflow.

With Tx STUDIO, **implant, abutment, and restoration planning** is simple, fast, and precise. The new abutment and restoration design feature allows dentists to plan an entire treatment, from the surgical placement of the implant and the abutment to the final restoration at the onset of planning. Featuring an expanded implant library, single or multiple implants can be quickly placed in the 3D rendering or onto the panoramic layout. Scans are compatible with all major surgical guide systems; surgical guides from Anatomage can be conveniently ordered directly through the Tx STUDIO software.

For orthodontics, in addition to the included anchor pin library for **virtual TAD placement**, Tx STUDIO provides an optional **3D Cephalometric Analysis** package which allows for the creation of ceph tracings with greater accuracy and in less time than traditional 2D ceph tracings. Also included in this package is the new **face-MATCH** photo-wrapping feature that allows easy and immediate wrapping of a facial photo taken with a standard digital camera onto the 3D volume. Other optional services through this powerful software include AnatoModel which can provide **virtual study models** in occlusion that contain the full dentition—crowns, roots, and bone, and tools to **predict soft tissue changes** derived from orthodontic or surgical treatments.

Built into Tx STUDIO is a powerful application for **airway analysis** that allows for instant measurement of total airway volume, localization and area measurements of maximum constriction, and automatic color-coded constriction values of the airway volume. The airway analysis tools benefit general dentists and specialists who treat sleep apnea or other airway disorders through dental procedures ranging from orthodontics to surgery to splints.

TMJ visualization tools that allow for superimposition of changes to the TMJ complex over time are included in Tx STUDIO. Through superimposition, changes in condylar position can be tracked over the course of a treatment to ensure treatment plans are having the desired effect.

The **Diagnostic Reports Tool option** allows for fast and efficient communication between health care providers. This new tool is optimized for power and speed, and is based on easy-to-create templates that can be customized for the office.

Knowing that clinicians seek ways to present dental plans to their patients, Tx STUDIO offers **full 3D visualization**. Patients gain understanding of their anatomy, conditions, and treatment options as these come to life using 3D renderings. The software even allows **video capture** to further enhance patient education even after the appointment is over. Also, advanced annotation capabilities, such as custom labeling and layout displays, provide excellent tools for patient and colleague communication.

Tx STUDIO joins the i-CAT family of products that incorporates the **high level of support** that i-CAT customers have come to expect and enjoy. *“Since our inception, we have been deeply committed to our customers,”* states Mark Hillebrandt, Business Unit Director for Imaging Sciences. *“We are pleased to add Tx STUDIO to our i-CAT products for which we offer full, expert, and seamless support.”*

For more information on Tx STUDIO, powered by Anatomage, and i-CAT’s treatment planning capabilities, call 800-205-3570 or visit 3570 or visit www.i-cat.com.

About Imaging Sciences International:

Serving the dental industry since 1992, Imaging Sciences, is at the global forefront in the development and manufacture of computer-controlled dental and maxillofacial radiography products, and internationally recognized by highly regarded dentists and radiologists as one of the most innovative companies in dental imaging. i-CAT systems offers clinicians enhanced features for highly effective treatment planning and surgical predictability.

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