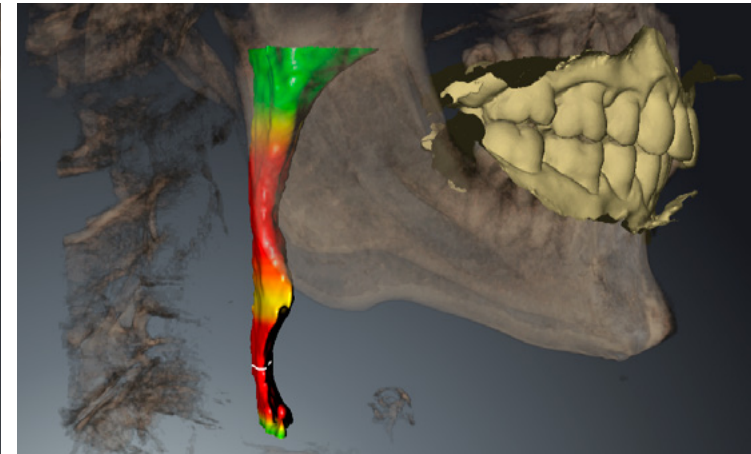
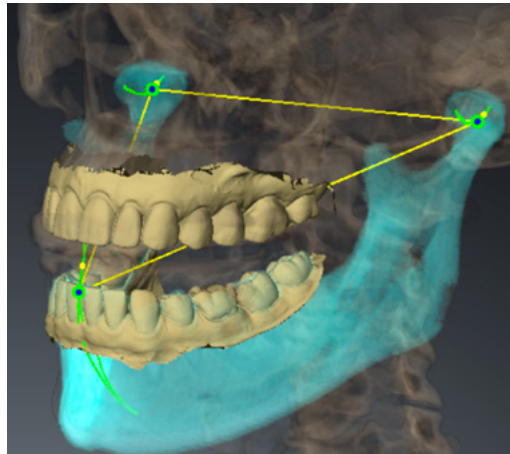
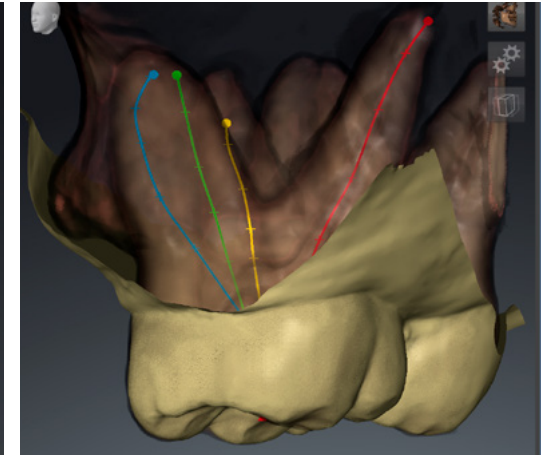
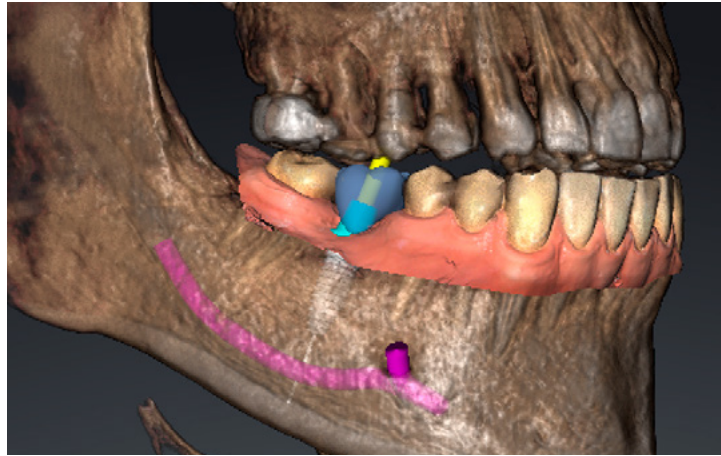


SICAT 



START SMART WITH SICAT

Smart 3D solutions – subscription now available!





INNOVATION. VARIETY. SICAT.

About SICAT	4
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Sleep Medicine	22
Functional Dentistry	26
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With products based on 3D X-ray, SICAT paves the ground for advanced digital dentistry.

**MADE IN GERMANY.
MADE IN BONN.
MADE BY SICAT.**



SICAT's expertise covers the development of 3D-based analysis and planning software for various dental disciplines as well as a broad range of surgical guides and therapeutic appliances to directly implement treatment.

More than 30,000 software installations, 250,000 surgical guides and therapeutic appliances so far – for customers worldwide.

SICAT offers solutions, which enhance the digital chairside workflow. Products based on artificial intelligence and optimized for 3D printing underscore SICAT's prowess as an innovation leader in dentistry.



Owner-operated since 2004 – 20 years of in-house expertise

A large team of SICAT employees works hand in hand, from development through in-house production, case check to technical support, making SICAT a full service provider for dentists.

High quality standards – MDR certified since 2022

All products meet the requirements for medical devices defined in the laws and regulations.



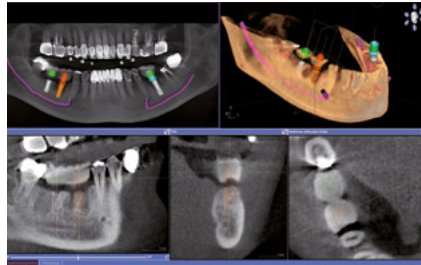
SICAT is setting trends and introduces world firsts to the market.

SINCE 2002

Development of an optimized clinical workflow based on CBCT

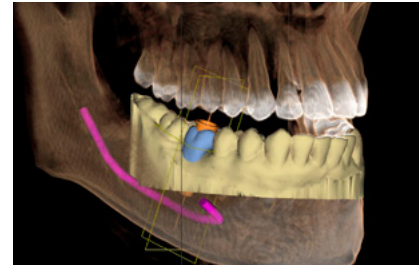
2007

Galileos Implant



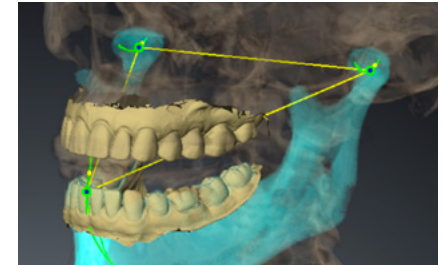
2011

Integration of intraoral scans



2014

SICAT Function & SICAT JMT+



GUIDED IMPLANTOLOGY

2004

Foundation of SICAT GmbH & Co. KG. Since 1.1.2019 100% independent with fully open interfaces.



SICAT CLASSICGUIDE

FULLY DIGITAL GUIDED IMPLANTOLOGY



SICAT OPTIGUIDE
SICAT DIGITALGUIDE

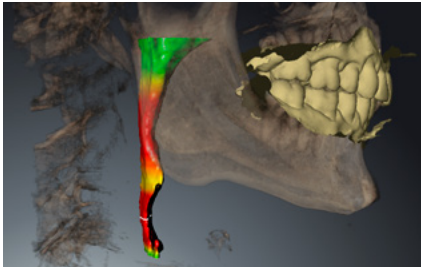
TMD TREATMENT



SICAT OPTIMOTION

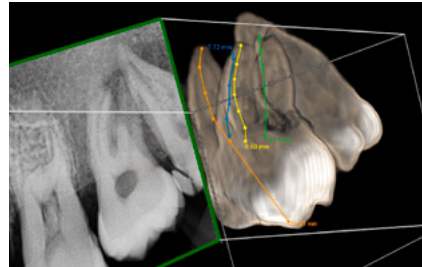
2016

SICAT Air



2018

SICAT Endo



2021 - 2023

AI based ready-to-print STL surgical guide design for in-office 3D printing



**SLEEP APNEA
TREATMENT**



SICAT OPTISLEEP

**GUIDED
ENDO**



SICAT ACCESSGUIDE

ARTIFICIAL INTELLIGENCE & 3D PRINTING



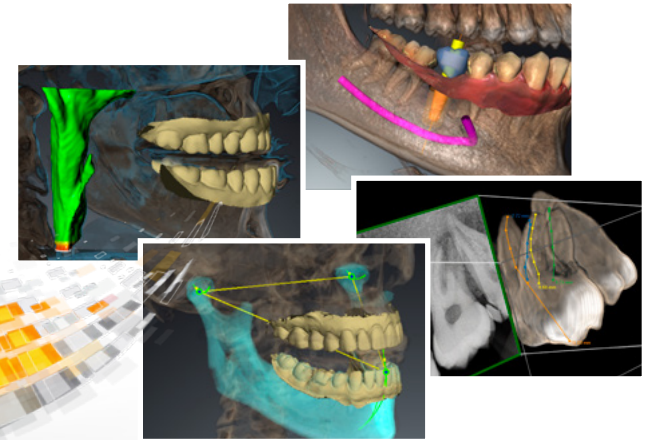
SICAT *RAPID* DIGITALGUIDE



SICAT *RAPID* ACCESSGUIDE

POWERED BY ARTIFICIAL INTELLIGENCE

Multidisciplinary treatment options with the SICAT Suite to treat patients comprehensively.



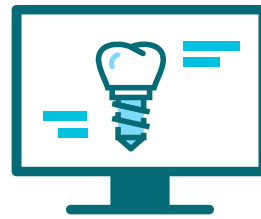
TOP 5 REASONS FOR THE SICAT SUITE

- ✓ **Open** for data of all CBCT manufacturers and optical scanner
- ✓ **Simple interface** to CBCT manufacturer software and automatic import of CBCT data into SICAT Suite
- ✓ **Only one-time installation** required, only one-time to import data
- ✓ **Shared data** across all SICAT applications
- ✓ **Comprehensive treatment planning** for various disciplines, optimum patient consultation included

Same workflow for all applications



ANALYSIS



PLANNING



TREATMENT

Seamless from analysis to treatment.

SICAT SMART

*The fully flexible
SICAT Suite
subscription plan.*





***SICAT Smart** allows dental practices of all sizes to economically access SICAT's world of software applications.*



SMART PAYMENT

Using a SICAT Suite application of choice for **only \$99 per month.**



SMART START

Access to the **SICAT eCademy** and all courses of the chosen application(s).



SMART UPDATES

Updates included – always up-to-date with the most current version of SICAT software

START SMART
*with the SICAT
eCademy.*



ecademy.sicat.com





A broad range of video tutorials to get to know the SICAT Suite applications step by step.

- ✓ **Getting started with SICAT Software** – easier than ever before!
- ✓ **Learning with video tutorials** whenever and from wherever you want. 100% flexible and at your own pace.
- ✓ **Unlimited access** to courses of the chosen application(s) for all SICAT Smart users.



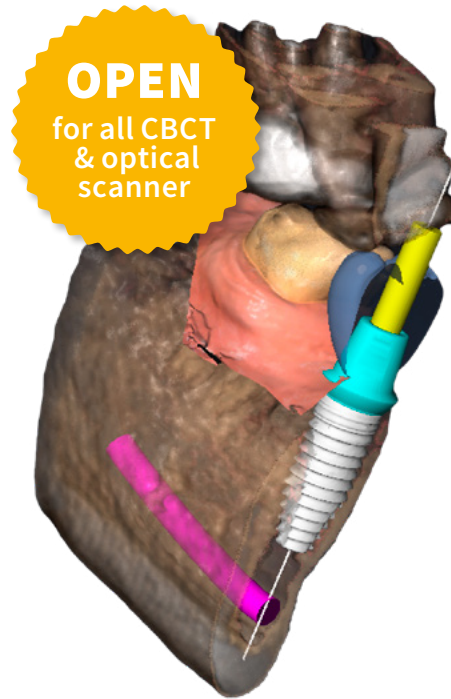
SICATIMPLANT

Implant planning and diagnostics with a comprehensive software solution.

“The SICAT Implant planning software is the most comprehensive and intuitive in the market. Simply put, SICAT Implant’s workflow is logic excellence. I find myself using it even though I can freehand all of my dental implants. The SICAT workflow is clearly spoiling me.”



Dr. Daniel J Vincent DDS



SICAT IMPLANT CONVINCES with its modern user interface and ease-of-use.

MORE THAN 20 YEARS OF DEVELOPMENT and experience are reliably reflected in the algorithm when overlaying optical scans with the CBCT data.

OVER 13,000 implants, abutments and sleeve systems are integrated in the implant database which is always available in the most current version.

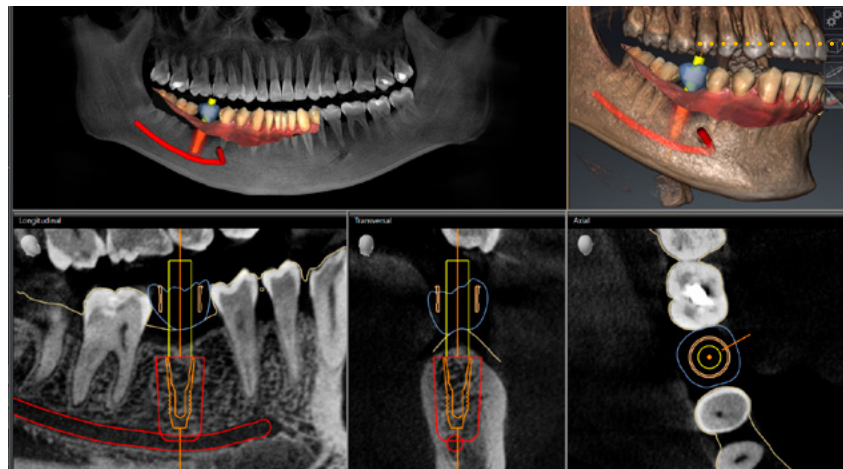
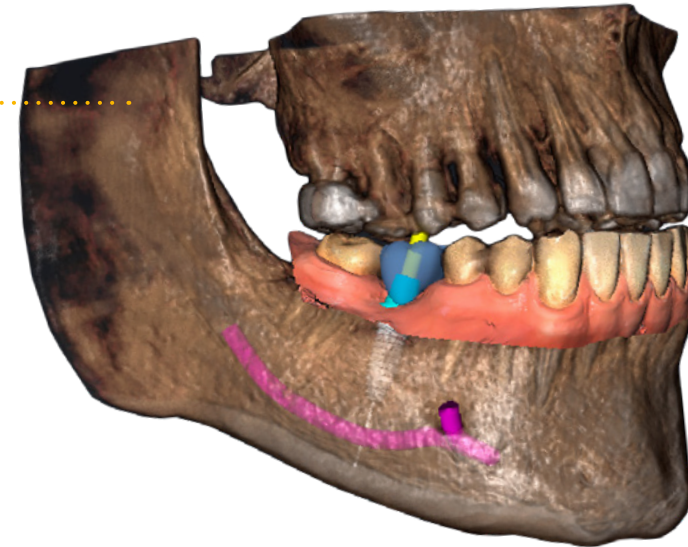
SUBSCRIPTION
now available 



Why to use SICAT Implant

3D View

- **Optimized visualization** for precise analysis and diagnosis of anatomical structures
- **Matching** of any CBCT DICOM data with STL, SSI & SIXD
- **Autofocus** for objects in all section planes to easily navigate
- **360° rotation** around focal point for clear positioning and orientation



Implant aligned view

- **Autofocus** of the implant in all planes for easy positioning
- **360° rotation** around implant for detailed view of neighboring anatomical structures
- **Collison warning** between nerve & implant and adjacent implants
- **Outstanding visualization** and rendering of the 3D model for checking the implant planning

From planning in SICAT Implant to treatment with SICAT surgical guides.



*From beginner to pro, from stone model to in-office printing – SICAT surgical guides are **the** right solution for every patient situation and practice equipment.*



Dr. Gerhard Zündorf

SICAT SURGICAL GUIDES

The right guide for any patient case.



WHY DENTISTS CHOOSE SICAT SURGICAL GUIDES

- ✓ **Certified accuracy** of less than 500µ for each surgical guide manufactured by SICAT
- ✓ **Analog workflow** for precise implementation of patient cases with severe artefacts
- ✓ **Digital workflow** from central manufacturing by SICAT to AI based design for in-house manufacturing.

SURGICAL GUIDES

CLASSIC GUIDE

Safe choice
for every patient case

- Also for edentulous jaw
- Certified production accuracy
- With stone model
- Insensitive to metal artefacts

OPTI GUIDE

High quality,
digital workflow

- Tooth-supported
- Certified production accuracy
- Based on optical impressions

DIGITAL GUIDE

Case check, support
and design by SICAT

- Turnaround 12 - 48 hours
- For partially and fully edentulous cases
- For 3D printing in-office or a lab of choice

RAPID DIGITAL GUIDE

Automatic design powered by
artificial intelligence

- Download available in less than 20 minutes
- For partially edentulous cases
- For in-office 3D printing

RAPID DIGITAL GUIDE

POWERED BY ARTIFICIAL INTELLIGENCE



Download available in
less than 20 minutes



Ready-to-print STL design



Only **\$19.90** for the final
STL design file

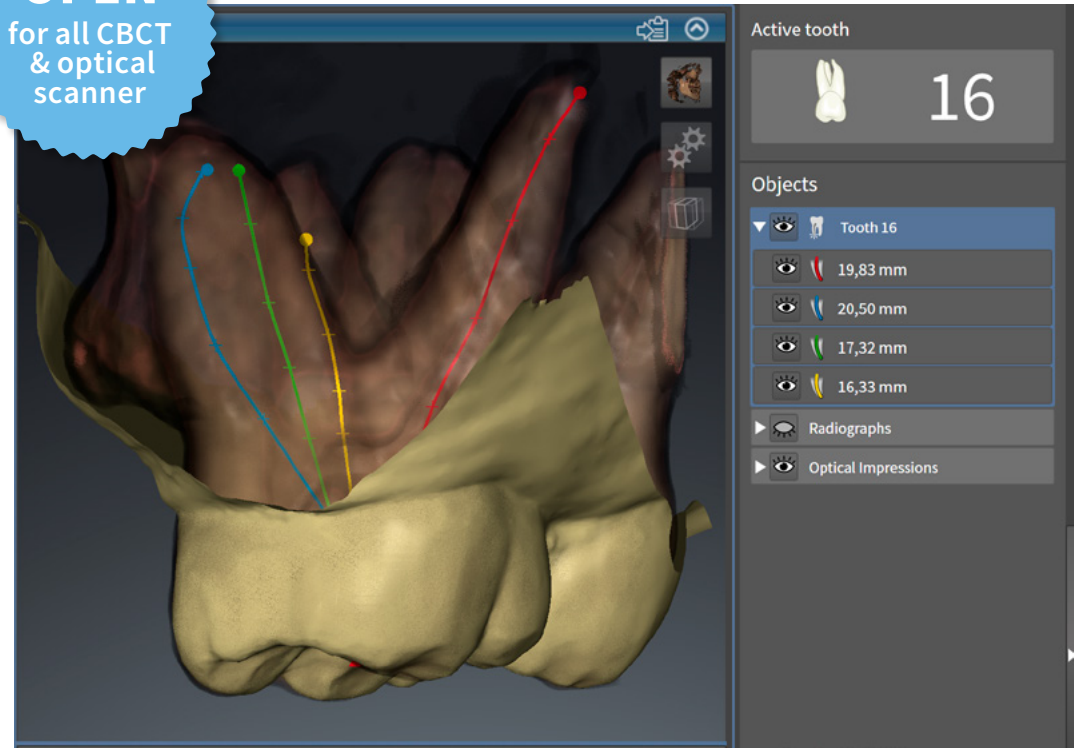


Treating minimally-invasive, seeing more.

“When a tooth is to be preserved, I use SICAT Endo to treat successfully and minimally-invasive. Through the new subscription model the financial is manageable. Time savings, greater safety and the patients are impressed.

Dr. Kathrin Haugk

OPEN
for all CBCT
& optical
scanner



THE DETAILED VISUALIZATION of the root canal system in 3D offers the practitioner all-around safety for the upcoming treatment because conventional images often do not show the exact position and number of roots and canals.

IN ADDITION TO THE 3D SCAN, overlaying with 2D images is also an option.

A SURGICAL GUIDE can be ordered directly from within the software.

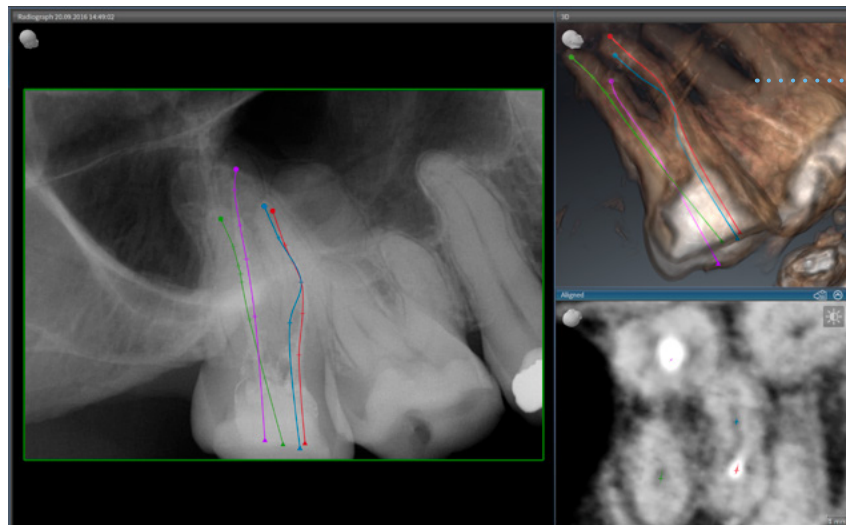
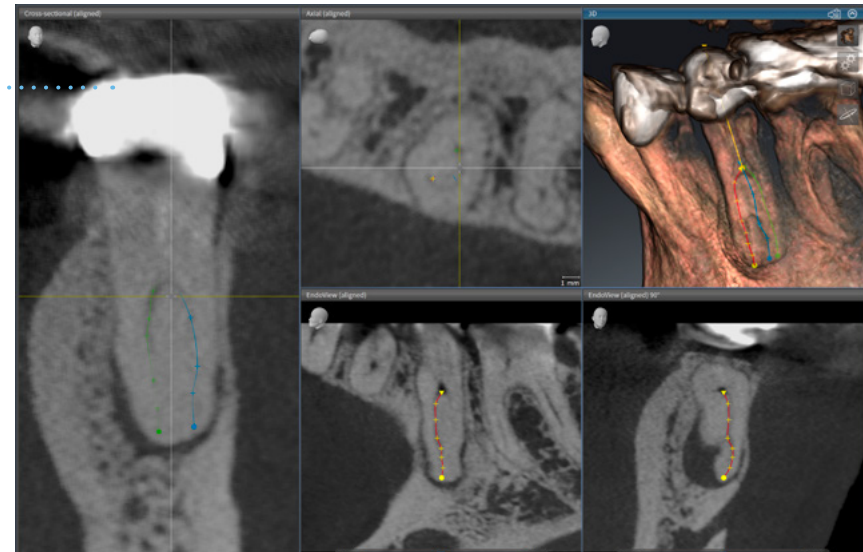
SUBSCRIPTION
now available



Why dentists benefit from SICAT Endo

Precise evaluation of the patient situation

- Reliable determination of the number of root canals
- Visualization of curved and calcified canals
- Root canal aligned 360° view
- Exact determination of working length and depth of cavity access



Optimizing the chairside workflow

- Minimally invasive work thanks to precise planning in advance
- Switching between 2D and 3D data with just one click
- Case analysis is transferred from the patient chair to the desktop pc
- Optimized patient communication through visualization and case report

*Guided Endo with
SICAT – fast, safe
& minimal-invasive
treatment.*

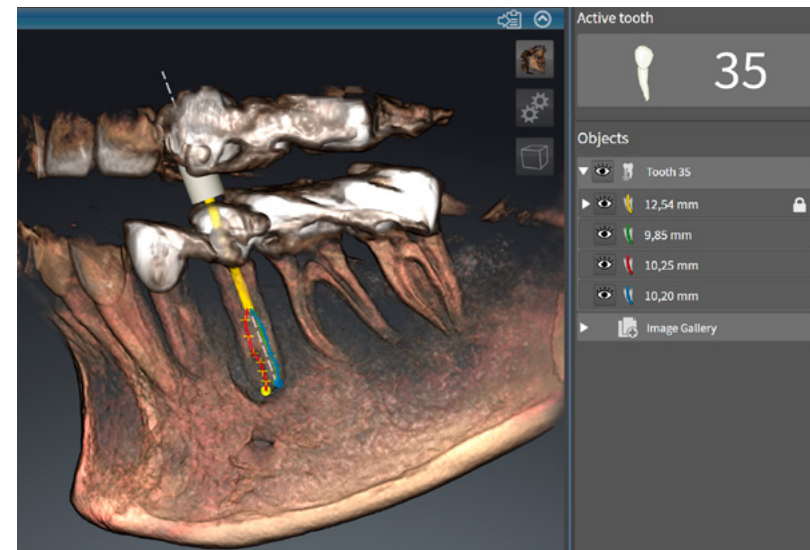
“

My confidence in the accuracy of the guide along with my patients' relief is invaluable. Even when I do not need to make a guide I use SICAT Endo routinely to map the canal and compare that measurement to my apex locator results giving me confidence that I am always exactly where I want to be in each canal.



Dr. Scott Resnick

SICAT ACCESSGUIDE & SICAT RAPID ACCESSGUIDE



WITH THE SICAT SURGICAL GUIDES for guided endodontics, root canals can be accessed minimally invasive by both general practitioners and specialists.

EVENT THE TREATMENT of complicated anatomies and obliterations becomes possible.

Ready-to-use guide or AI-based guide design

ACCESSGUIDE



Accurate, safe and predictable

- Case check & design by SICAT experts
- Safe orthograde access of canals
- Final surgical guide with certified accuracy


RAPID ACCESSGUIDE



Same day treatment possible

- Available for download in less than 20 minutes
- \$19.90 per tooth, all canals included
- Ready-to-print STL design powered by AI
- Available for orthograde treatment

Appropriate drill in the SICAT store

- 
- Available in 16mm and 24mm, Ø 1.2mm
 - Individual marking of the drill depth by means of a proven rubber stopper
 - Compatible sleeves can be ordered in the SICAT Store



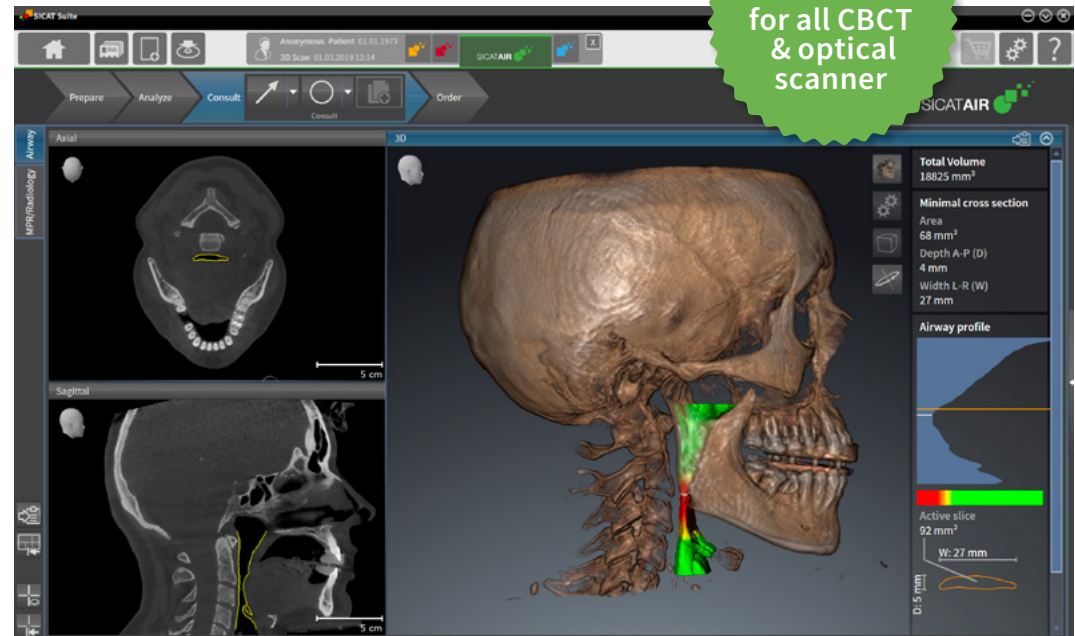
Airway analysis, patient communication and treatment planning all-in-one.

“

SICAT Air software and its unique ability to segment the airway and provide a volumetric analysis of the patient’s airway is a great visual tool patients could easily relate to and understand. Starting conversation becomes extremely simple, using our routine cone beam scan that was already in the patient’s chart.



Dr. Endre Selmeczy



OPEN
for all CBCT
& optical
scanner

SUBSCRIPTION
now available



USING SICAT AIR, the practitioner becomes the key figure for detecting and treating obstructive sleep apnea and snoring.

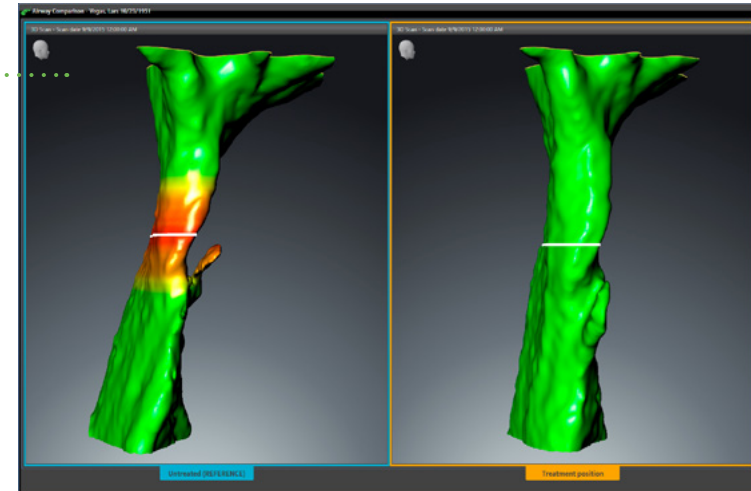
BASED ON EXISTING CBCT scans, the software provides a quick overview of the patient’s airway situation.

THE VISUALIZATION OF THE AIRWAY in treatment position increases the patients’ adherence to their SICAT **OPTISLEEP**, which can be ordered immediately.

Key arguments for SICAT Air

Clarifying patient situation

- **Semi-automatic segmentation** of the relevant airway region as well as calculating volume and area of the airway
- **Visualization** of conspicuous structures and colored highlighting
- **Direct analysis** of airway behavior in case of mandibular protrusion
- **Integrated patient education** and PDF handout



Added value for the dental practice

- **New revenue sources** by expanding the patient base to include all those affected by a widespread disease
- **Patient website** www.optisleep.com and flyer for the waiting room



*Successfully
treat snoring
and OSA.*



PATIENTS LOVE the slim design and the appliance's vertical and horizontal freedom of movement.

HIGH ACCURACY OF FIT is achieved through digital data acquisition and milling.

THE APPLIANCE IS DURABLE thanks to biocompatible, odorless and non-discoloring PMMA.

CONNECTOR SETS available in 10 different lengths allow for easy adjustment of the degree of protrusion by changing the connectors.



This is why dentists recommend SICAT OPTISLEEP

- ✔ Quick & easy ordering based on intraoral scans
- ✔ “Made in Germany” – design, manufacturing and support all-in-one from SICAT in Bonn
- ✔ 100% pre-check of the STL data to ensure the appliance’s feasibility and accuracy of fit
- ✔ Production and support by highly qualified SICAT dental technicians
- ✔ High patient comfort due to slim design – a transparent device that will not discolor



Works with every intraoral scanner



SICATFUNCTION

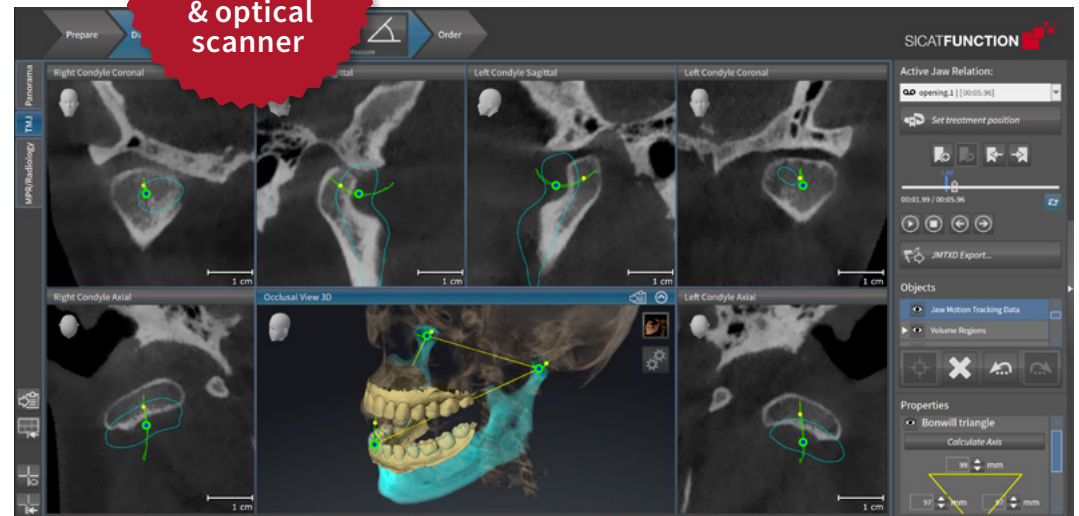
*Individual functional
prosthetics and TMD
treatment*

“
SICAT Function changed my life 7 years ago! It helped me redefine many dogmas in occlusion, function and hinge axis. For the first time I was able to see that the movement of the joint is a combination between rotation and translation.



Dr. Javier Vasquez

OPEN
for all CBCT
& optical
scanner



WITH SICAT FUNCTION, the dentist is able to analyze real jaw movement and existing disorders in the lower jaw movement.

THANKS TO ANATOMICALLY ACCURATE 3D visualization combined with real dynamic jaw movement data of the patient, TMD complaints can be diagnosed and subsequently causally treated.

SICAT FUNCTION COMBINES all treatment steps in one software, completely digital and therefore reproducible and traceable any time.

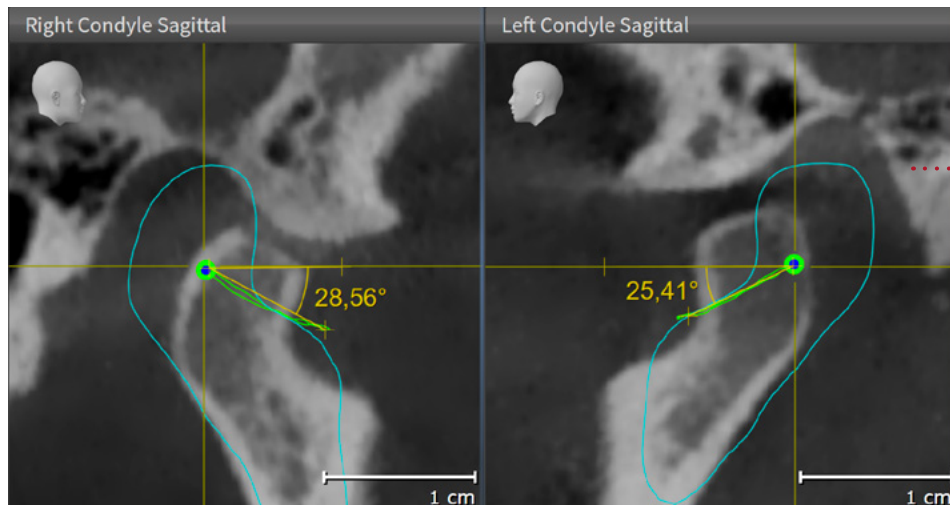
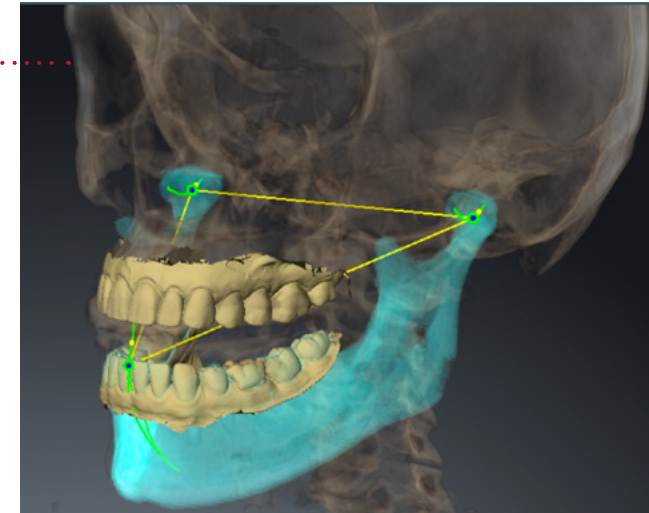
SUBSCRIPTION
now available



Why dentists benefit from SICAT Function

Visualization & analysis of individual jaw movement

- **Digital integration** of three types of data (CBCT data, optical surface scan data and jaw motion data) for treatment planning using real lower jaw movement dynamics instead of average data.
- **Motion traces** for any point of the mandible – acquisition of all relevant data for analysis and treatment planning in one session.



Functional prosthetics

- **Programming of virtual articulator** – patient-individual measuring of all necessary parameters.

Patient-individual diagnostics and treatment of temporomandibular dysfunction (TMD).

“*SICAT DIGITAL OPTIMOTION provides the practitioner with an STL design of the well-known SICAT therapeutic appliance for the treatment of TMD. The design takes patient-specific dynamics into account and offers flexibility in fabrication. It can be milled or printed on-site - according to the practice’s needs.*”



Alexander Amusin



SICAT DIGITAL OPTIMOTION is an STL design for a therapeutic appliance for the temporary treatment of TMD and the relief of associated pain.

THE APPLIANCE DESIGN is based on the basic principles of the Michigan appliance and takes into account the patient-individual, dynamic occlusion.

THE MANUFACTURING of the therapeutic appliance is done individually in the practice. The appliance can be milled or 3D printed based on the design.



Why to choose SICAT DIGITAL OPTIMOTION

- ✓ **High patient comfort** due to slim design
- ✓ **Multiple options** – maxillary or mandibular, with both canine or anterior canine guidance as well as occlusal relief or smooth surface
- ✓ **Ordering the STL design with just a click of a button** – directly in the software for fast transmission of your order to the SICAT lab
- ✓ **Identical reproduction** in case of loss



Fully digital workflow

SICAT SERVICES

If you choose SICAT, you enjoy extensive support!



Fast solutions in case of technical challenges

SICAT Support reliably assists and quickly implements customer requests.



No more open questions thanks to SICAT trainings

A wide range of training offers turn users into SICAT pros in no time.



Individual case check through certified dental technicians

4 eyes principle to provide safety during patient treatment.

CONTACT

YOUR DIRECT PATH TO SICAT

For general inquiries: +49 (0)228 / 286206-0
SICAT Support: +49 (0)228 / 286206-600
Toll Free (USA & Canada): 1-800-550-9961

Sales: sales@sicat.com
Surgical Guides: sgl@sicat.com
Therapeutic Appliances: support@sicat.com
Software: softwaresupport@sicat.com



SICAT's Managing Directors

“
Our business idea originated in medicine. Our goal was to use 3D imaging techniques to plan surgical procedures in the oral and maxillo-facial area safely and to make them even more predictable with the help of surgical guides. Today SICAT stands for innovation and lives innovation.



Jochen Kusch

Dr. Joachim Hey



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GERMANY

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CE-marking is valid for:

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SICAT Function 2.0
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