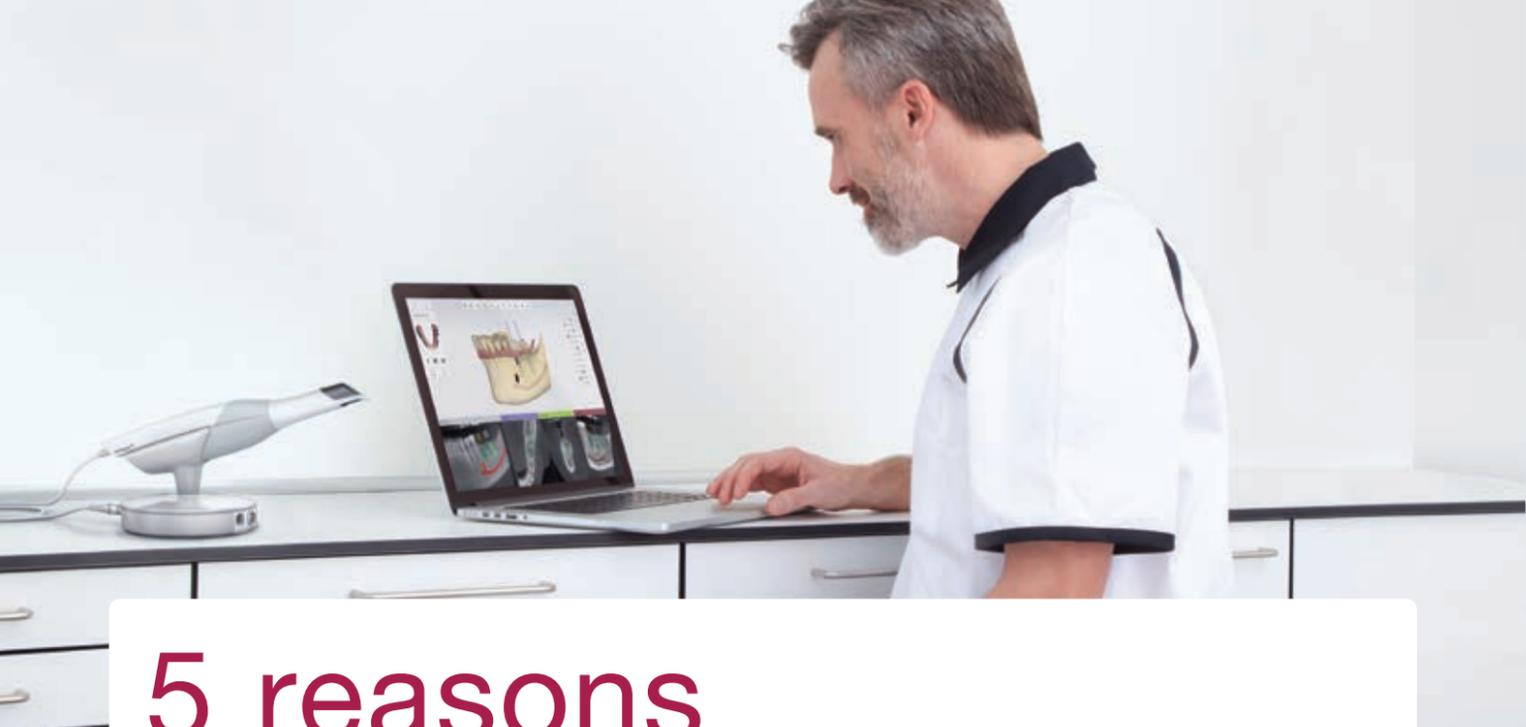


# Implant Studio™

Implant Planning and Surgical Guide Design





# 5 reasons

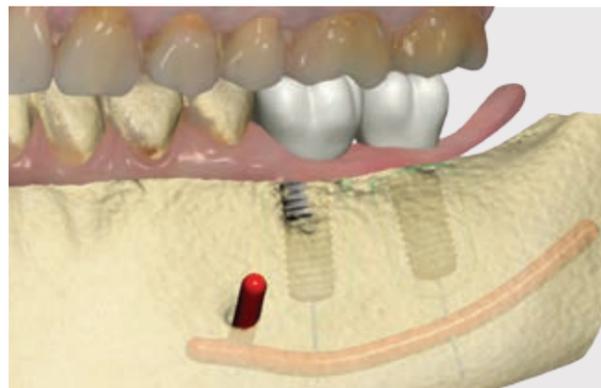
to choose digital implant planning and surgical guides

- Reduce patient chair time and number of patient visits
- Benefit from digital accuracy and reduce manual errors
- Enhance predictability of final implant position and restorative outcome
- Create a consistent surgical procedure every time and avoid unforeseen complications
- Improve patient experience and patient comfort with less invasive procedures and shorter healing time



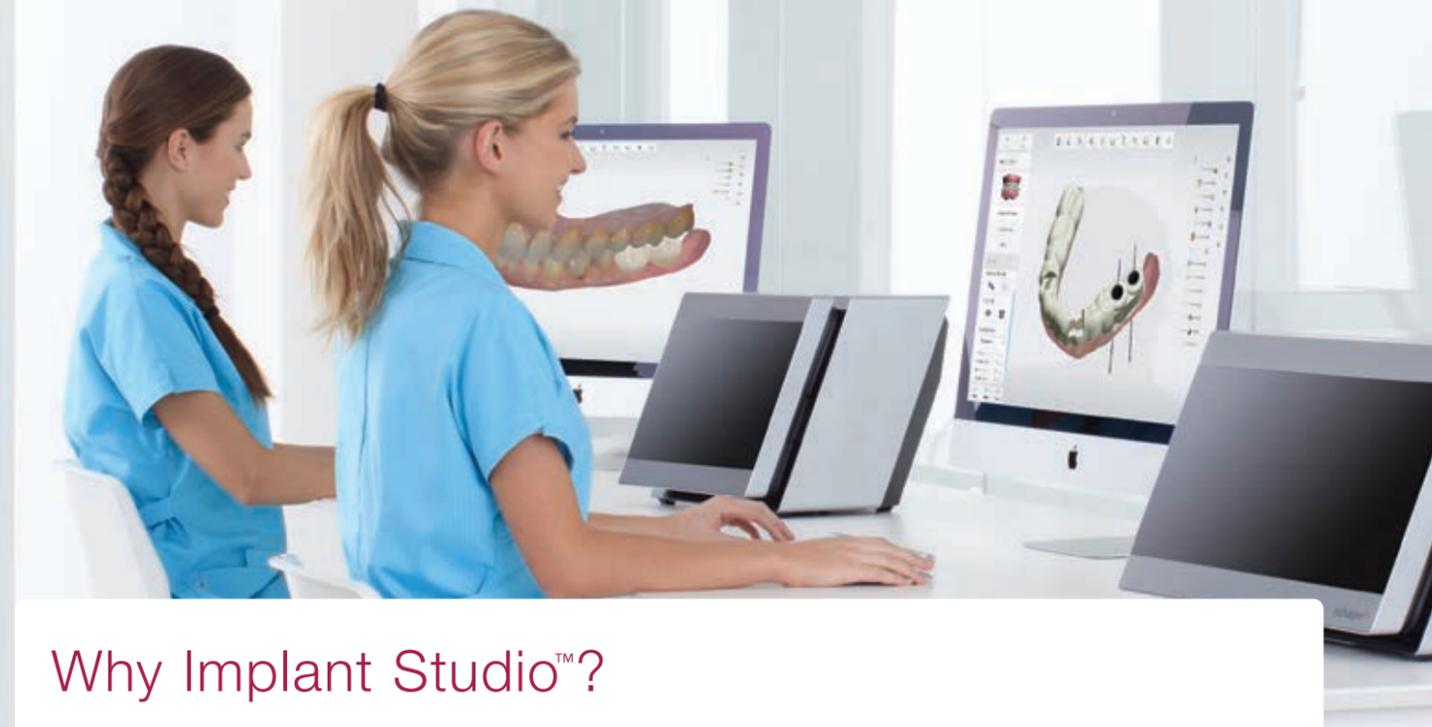
### Fast and predictable

Plan implant positions and design custom surgical guides in an intuitive step-by-step workflow.



### Prosthetic driven

Use virtual crowns or diagnostic wax-ups to increase predictability of final treatment outcome.



## Why Implant Studio™?



Prosthetic driven planning



Open system platform



A flexible digital workflow



Locally produce surgical guides at lower costs

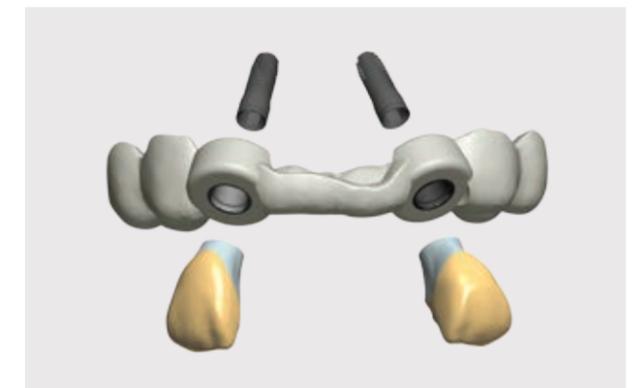


Flexible tools and features



### Seamless lab integration

Send and share Implant Studio™ files to 3Shape Dental System™ for seamless clinic-to-lab workflow connectivity.



### The complete restorative package

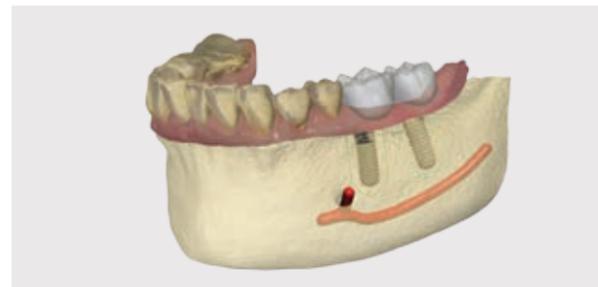
Digitally communicate with your preferred partner for design and manufacture of all restorative components prior to surgery.

## Dentists — provide a full range of implant treatments

Implant Studio™ supports a full range of implant treatments. Each with its own dedicated workflow. Planning is based on esthetics, intended final restoration, available bone and the overall clinical situation to deliver increased treatment predictability and better outcome.

### Tooth supported guides

Perform single or multi implant cases with teeth supported guides. Use guides for stability in surgery for free-end cases where accessibility is limited.



Implant positions planned in a free-end case

“ Implant Studio allows me to reduce allocated appointment times for complete surgery from 90 to 30 minutes, while providing a much better patient experience and more accurate results. ”

*Dr. Simon Kold*

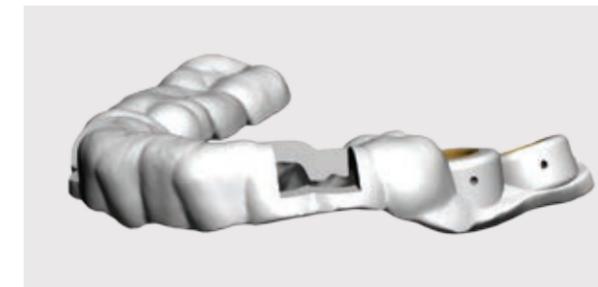
*Owner, Herring Implant Center  
Herring, Denmark*

### Immediate loading

Take advantage of diagnostic tools to help decide if cases are appropriate for immediate loading. Virtually remove teeth and place implants, and then design guides and prosthetics for a single surgery.



Remove teeth virtually and plan implant positions



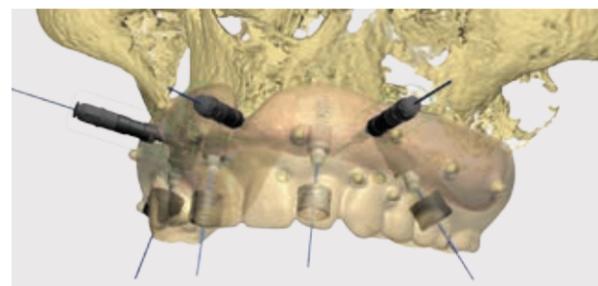
The surgical guide designed for a free-end case



Implants placed with a guide in a flapless procedure

### Edentulous treatments

Plan and treat full and partially edentulous patients by applying standard protocols like Double Scan Strategy. When conditions allow, you can prepare the temporary bridge work prior to surgery.



Conduct thorough planning for complex cases



The resulting surgical guide design after tooth removal



Final results after tooth extraction and immediate loading



Design guides for edentulous patients



Final result after placing 4 implants in a fully edentulous case

## Dental labs — deliver new services to your dentists

Implant Studio™ enables your dental lab to expand the services you provide. From creating and producing surgical guides and surgical plans to diagnostic wax-ups, you deliver new opportunities for your customers. Seamless integration of 3Shape Implant Studio™ and Dental System™ lets you take advantage of what you already know and own to deliver total treatment solutions.



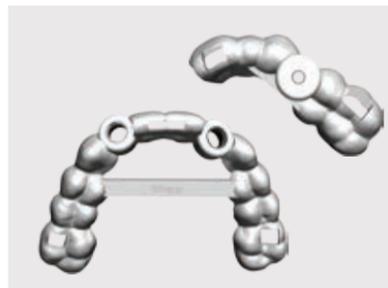
Connect to your clients with 3Shape Communicate™



### Provide new services



Provide implant planning services or receive the implant positions from the dentist.



Deliver custom surgical guides designed to match the clinic's requirements and needs.

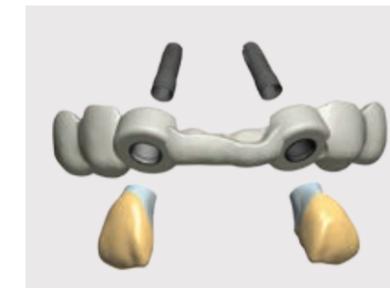


Produce cost efficient surgical guides to both new and existing clinical partners.

### Seamlessly integrate Implant Studio™ and 3Shape Dental System™



Create digital teeth wax-ups to assist dentists in prosthetic driven implant planning.



Provide complete treatment packages including surgical guide, prosthetic components, surgical reports and drill protocols.



Work with the world's largest implant and material library in Dental System™.

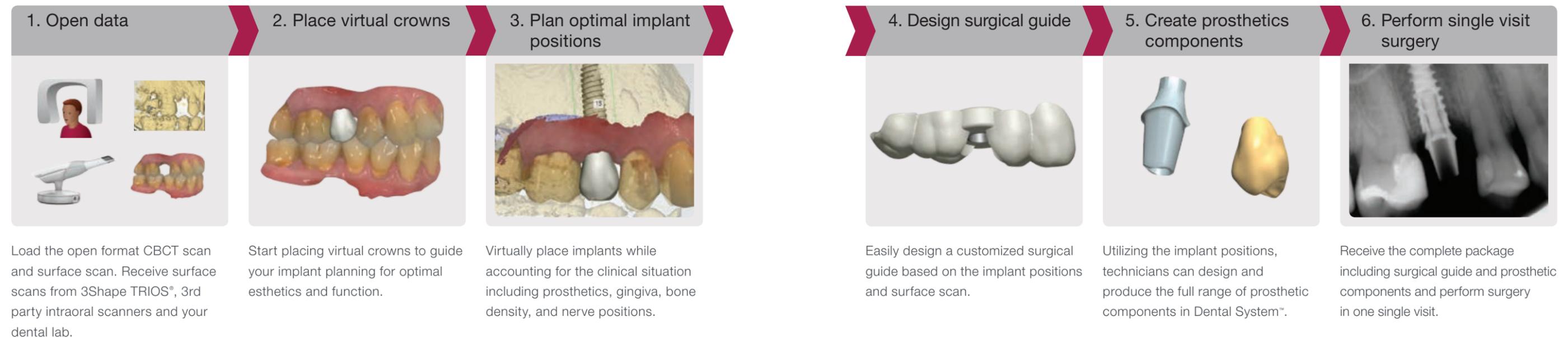
## The workflow — "The difference is night and day"

3Shape Implant Studio™ software brings together complex implant procedures into a single, predictable and efficient digital workflow. From implant planning, surgical guide and prosthetics design to the actual surgery, it means a better way to work for you and less time in the chair and more comfort for your patients.

“ The difference digital dentistry has made to making a crown is tremendous. But the difference it has made in implant dentistry is night and day. ”

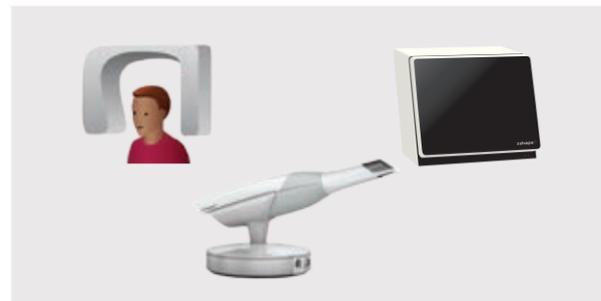
*Dr. Jonathan L. Ferencz*

*Prosthodontist  
New York, USA*



## Easy integration with Implant Studio™

Implant Studio™ flexibility enables you to work with your current and future implant systems, 3rd party sleeve systems, 3D printers and milling systems. As well as giving you the freedom to plan implant procedures using standard DICOM files from CT/CBCT scanners and STL surface scans from any source.



### Open to multiple scan formats

- Open to all CT and CBCT scanners outputting uncompressed DICOM files
- Open to all 3Shape scans and 3rd party surface scans in open STL file format

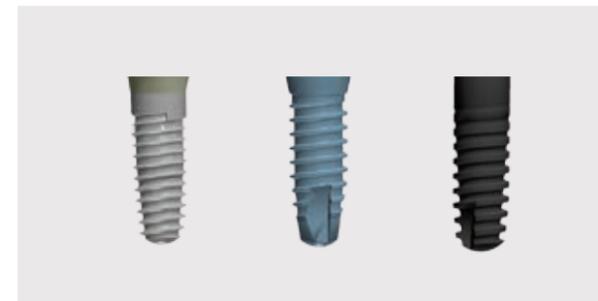
### Manufacture guides using 3D printers or milling

- Integrates with a wide range of 3D printers and milling machines
- Open STL output supports your existing and future equipment

“Dental clinics have different needs and setups, Implant Studio's flexibility and openness enables our lab to service them regardless of the implant system, source file or treatment they choose.”

*Markus Dohrn*

*Lab Owner, DCD Dohrn  
Frankfurt, Germany*



### Use any implant system and surgical kit

- Open platform for use with a wide range of implant and sleeve systems
- Supports the surgical kit and surgical procedure of your choice

### Interact with partners with 3Shape Communicate™

- Seamlessly integrate your partners into your daily work
- Send, receive and approve cases online for improved partner communications

### Dental Clinic



Intraoral scanning with TRIOS®



Implant planning with Implant Studio™ Planner

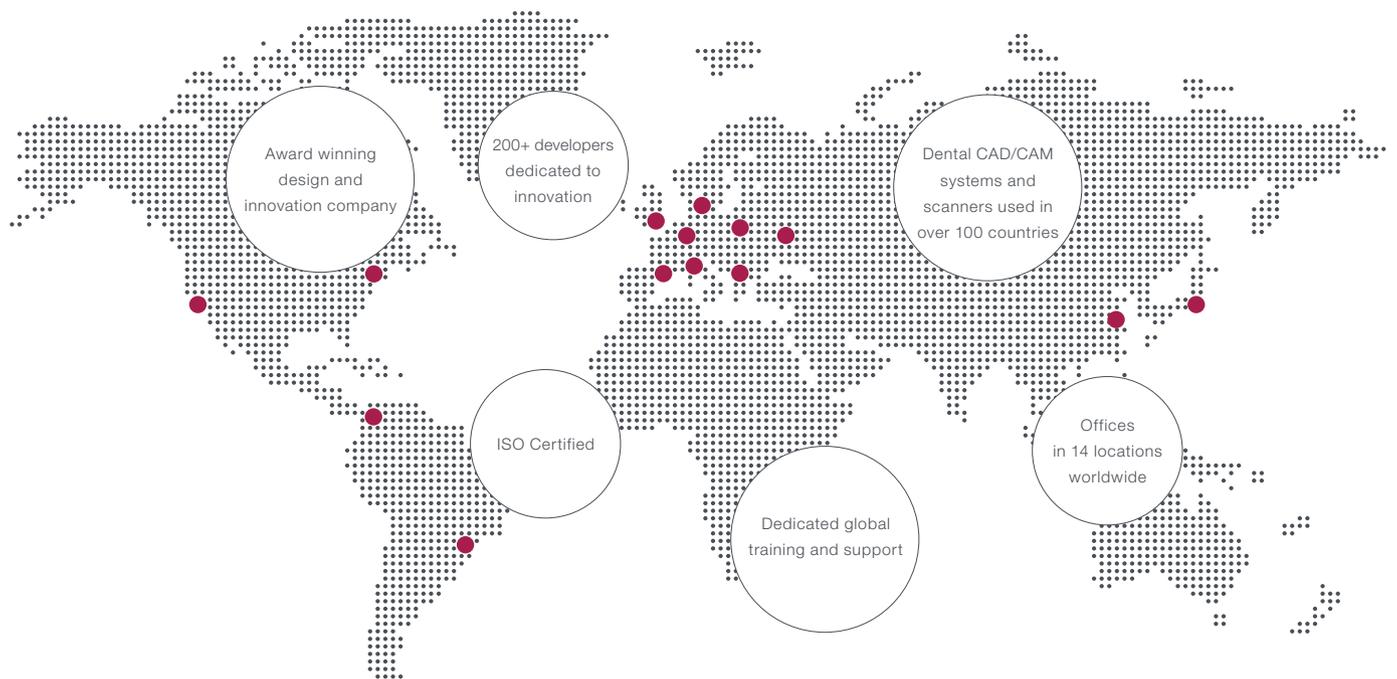
### Dental Lab



Design surgical guides in Implant Studio™  
Full Solution and prosthetics in Dental System™

3D-print or mill surgical guides

# 3Shape develops 3D technologies for dental practices and labs



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## Backing labs and dentists with care, technology and expertise



Expert  
Training



Unlimited  
Upgrades



Global  
Support

LABcare and CLINicare™ are integral parts of your Implant Studio™ solution and annual 3Shape subscription. They bundle services that are designed to ensure your investment, secure maximum uptime, and help you get the most from your solution year after year.

Find 3Shape online



3Shape.com

