

FaceSCAN<sup>3D</sup>

# Efficient Patient Consultation

3D-Scanning Technology  
For Medical Applications

3D-Shape 

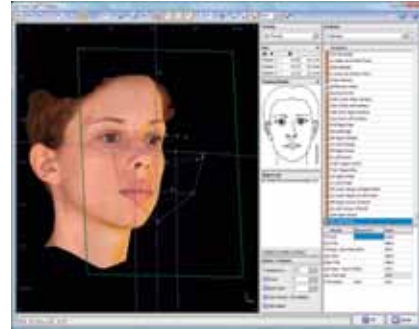
ISRA  
VISION

# Intensify Patient's Satisfaction

## FaceS



The precise measurement results can be integrated into your diagnostic software - e.g. cephalometric analysis of soft tissue.



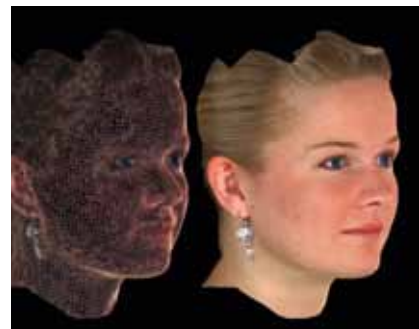
The user-friendly software makes the handling of the system as simple as operating a digital camera. The entire scanning process is controlled by a few mouse clicks.



The virtual setup allows the merging of dental cast scans with face scans. The face scans can also be combined with dvt-data.



Fringe projection technology utilizes visible light and fast hardware to carry out measurements of body parts. Its high speed and lack of radiation allows its use with children. Blurring is virtually eliminated through special compensation algorithms.



The Sensor uses a process that illuminates the face with a fringe pattern while two cameras observe the face. The surface shape of the face is calculated using the displacement of the fringes.





# action – in a Smart Way

# CAN<sup>3D</sup>



## Efficient Patient Information

### Benefits

- Precise before/after comparisons
- Photorealistic 3D documentation
- Fast and user-friendly data-acquisition
- Radiation free measuring methods



## Precise Data for Simulation

### Features

- Latest fringe projection technology
- Easy patient positioning
- Motion-blurring excluded
- Low maintenance costs
- Fast data acquisition



## Element of 3D-Planing

### Applications

- Oral and maxillofacial surgery
- Orthodontics
- Prosthetics
- Reconstructive surgery
- Plastic surgery
- Paediatrics
- Forensics



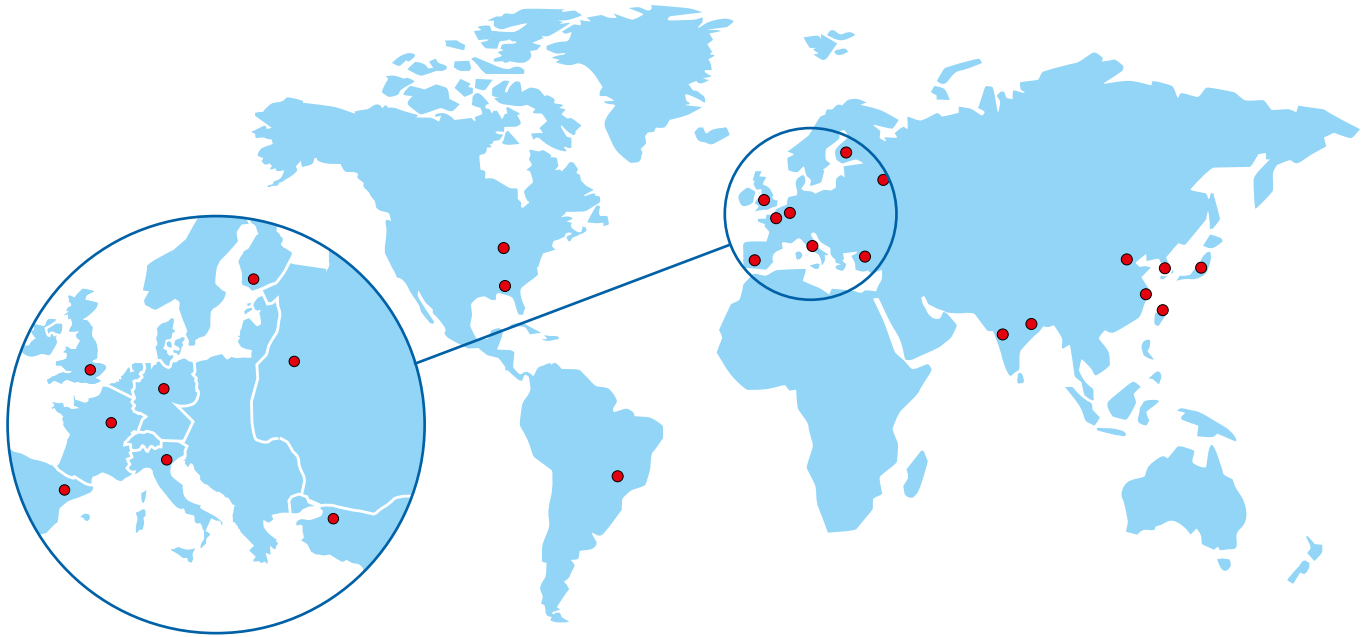
## Convenient Documentation

### Documentation

- Small file size through thinning
- Virtual data exchange
- Integratable into pdf-files



# Innovations for Automated Optical 3D-Quality Control



With its variety of measurement principles, 3D-Shape GmbH covers a broad spectrum of applications, proving to be an ideal partner for your measurement needs.

With the innovative technology of 3D-Shape, three-dimensional images of microscopic to full, meter-sized objects can be generated. Exacting measurement demands are met with the highest precision.

These sensors developed by 3D-Shape are in place worldwide – in the automotive and electronics industries, medical technology, tool making, optical systems and many more.

User-friendly software facilitates optimal processing and analysis of three-dimensional data.

Customer-specific solutions can be realized upon request. Direct cooperation with end-users enables 3D-Shape to implement emerging needs into measurement solutions in a timely manner.

In cooperation with system integrators, complex systems can also be realized on the production line.

## ISRA VISION

Germany  
Tel.: +49 (9131) 977 959-0  
Fax: +49 (9131) 977 959-11

Germany  
Tel.: +49 (6151) 948-0  
Fax: +49 (6151) 948-140

UK  
Tel.: +44 (1322) 520410  
Fax: +44 (1322) 559419

Turkey  
Tel.: +90 (216) 688 1015  
Fax: +90 (216) 688 1016

Spain  
Tel.: +34 (93) 589 71 79  
Fax: +34 (93) 589 71 79

Italy  
Tel.: +39 (0464) 490 603  
Fax: +39 (0464) 498 875

France  
Tel.: +33 (0)1 55 68 12 50  
Fax: +33 (0)1 55 68 10 00

Belgium  
Tel.: +32 (2) 6523-866  
Fax: +32 (2) 6523-728

Russia  
Tel.: +7 (499) 418-0032  
Fax: +7 (499) 418-0136

USA  
Tel.: +1 (770) 449-7776  
Fax: +1 (770) 449-0399

Brazil  
Tel.: +55 (11) 3476-1132  
Fax: +55 (11) 3476-1132

P.R. China  
Tel.: +86 (21) 6891 6286-0  
Fax: +86 (21) 6891 6286-888

Korea  
Tel.: +82 (2) 790-1326  
Fax: +82 (2) 790-1329

India  
Tel.: +91 (95) 82 289 877  
Fax: +49 (6151) 948 140

Japan  
Tel.: +81 (3) 6712-1440  
Fax: +81 (3) 6712-1441

Taiwan (R.O.C.)  
Tel.: +886 (3) 2500-148  
Fax: +886 (3) 2500-149

Optimize your ROI – with the technology leader **ISRA**  
[www.isravision.com](http://www.isravision.com) [www.3d-shape.com](http://www.3d-shape.com)

