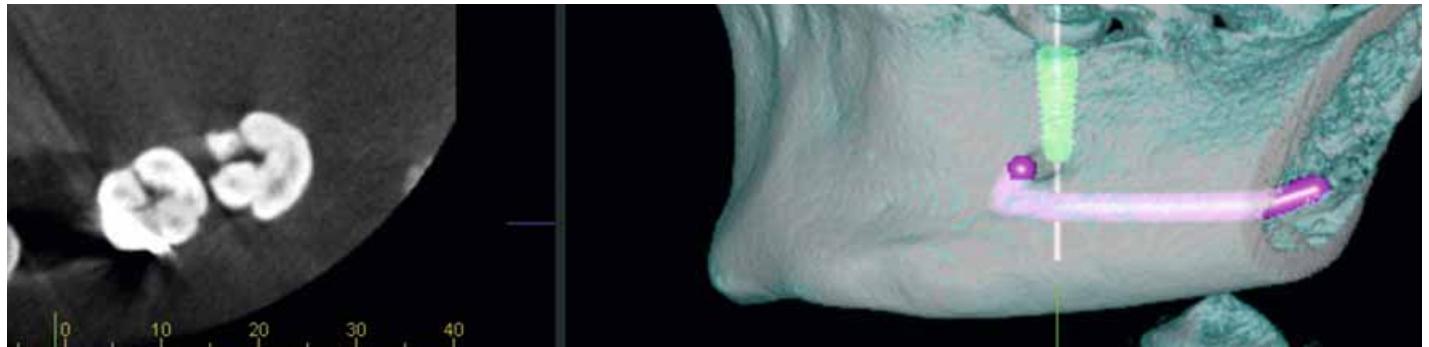


## i-Dixel 2.0 2D & 3D Imaging Software

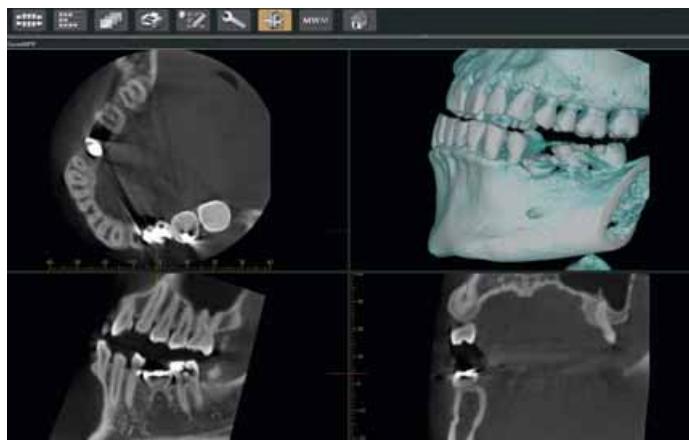
Thinking ahead. Focused on life.



# i-Dixel for 3D Images



i-Dixel 2.0 imaging software offers a range of features from the initial exposure to the final diagnosis allowing for a thorough examination. Software features include a drawing function in the mandibular canal, presentation for implant therapy, and volume rendering which converts three-dimensional x-rays to solid images which can be rotated, magnified, and sliced in real time. i-Dixel also offers the unique ability to view both CT slice images and volume rendered images at the same time on the computer screen.



- Volume Rendering
- Mandibular Canal Depiction
- Implant Presentation Preparation
- cMPR Image Processing
- One-Data & One-Volume Viewers
- DICOM 3.0 Compatible
- Other Features:
  - Zoom
  - Angle Measurement
  - Volume Slicing
  - Volume Gouging
  - Dynamic Cut
  - Movie
  - Length Measurement

## Volume Rendering

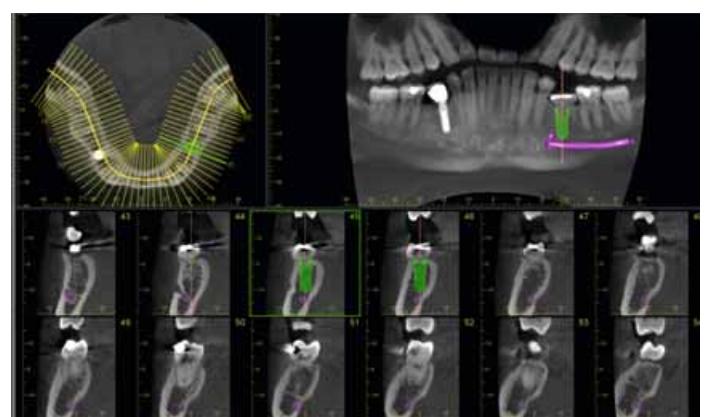
Volume rendering displays a solid 3D image showing the bone structure and dental arch. The volume rendered image is linked to the slices and moves in real time whenever a slice is adjusted.

## Background Colors

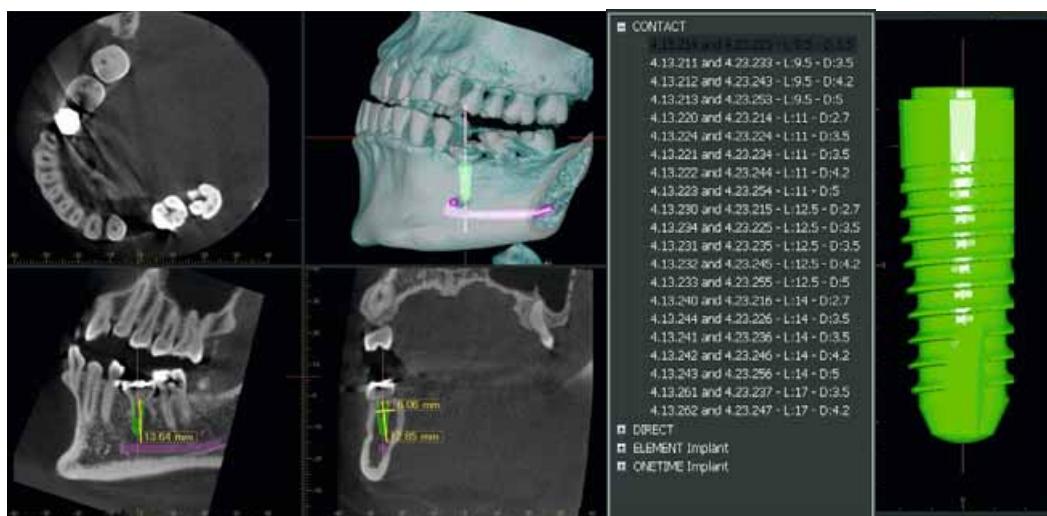
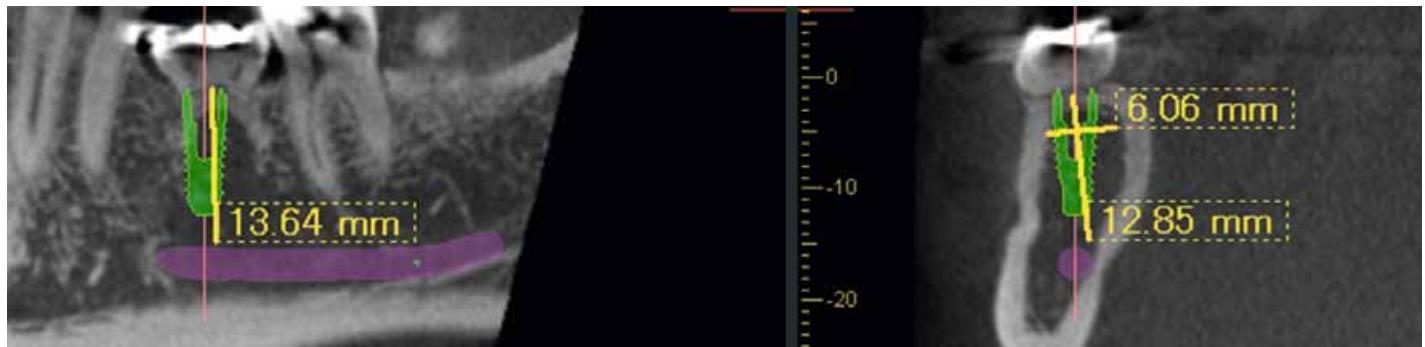
Select any one of the 4 background colors available.

## Curved MPR Processing

Create cross sections that are perpendicular to the dental arch.

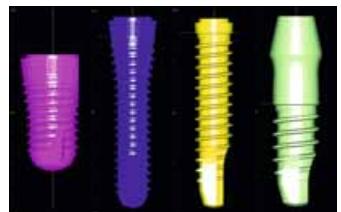


# Wide Range of Features from Volume Slicing to Implant Presentations



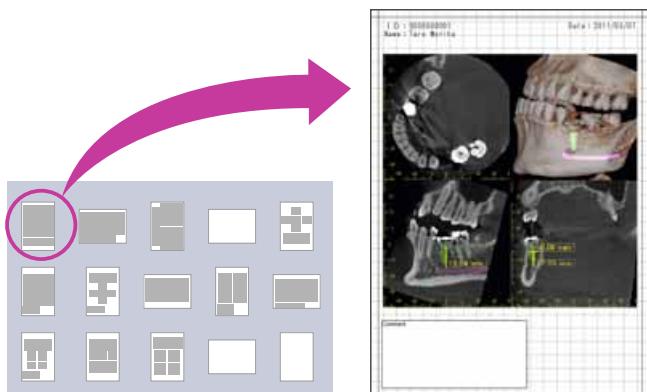
## Implant Presentation Preparation

This feature allows you to specify the length and diameter of implant fixtures and paste them into the image. This presentation is easily understood by patients and helps with case acceptance.



## Mandibular Canal Depiction

i-Dixel offers a drawing function for the mandibular canal to highlight its location relative to the implant site, as well as its buccal, and lingual location.



## Print Center Layouts

Easy to use, the templates were designed for easy set-up and printing.

Installing i-Dixel software on all intra-clinic computers enables sharing of image data on each linked computer. Observation of images on non-network computers can be achieved with One Data Viewer without installing i-Dixel.

## One Data Viewer Software , One Data Viewer EX One Data Viewer Plus (Optional)

In addition to the One Data Viewer EX functions, the Plus version provides distance and angle measurement, zooming, image reversal, and additional adjustments for brightness, contrast, and gamma curve.

## i-Dixel Supports the following DICOM Service Classes:

1. Modality worklist management service class
2. Storage service class
3. Modality performed procedure step service class
4. Print management service class

## **Thinking ahead. Focused on life.**

The slogan of Morita literally accompanies us in our decisions. Characterized by Japanese roots, we are setting forth the tradition of working to precision under highest quality demands. This is reflected in the complete product portfolio and shows that each individual product has been thought through in the finest detail. The art of manufacturing high-performance and sophisticated products has been used to considerable benefit by Morita in the course of the company's history and has enabled Morita to establish itself as one of the leading manufacturers of medical-technical products.

Our passion for perfection is a guarantee for comfort and efficiency in the day-to-day running of a doctor's practice. A precondition for this is that we know what users need and that is exactly why working in cooperation with them as partners is so important to us. This provides us with a precise idea of their specific needs and we use this as a starting point in order to create practical innovations. In doing so, we are permanently thinking beyond our own limits and develop new ideas in order to set new trends.

## **Diagnostic/Imaging Equipment**



## **Treatment Units**



## **Handpieces & Instruments**



## **Endodontic Systems**



## **Laser Equipment**



## **Laboratory Devices**



Developed and manufactured by  
**J. Morita Mfg. Corp.**  
680, Higashihama Minami-cho, Fushimi-ku, Kyoto,  
612-8533 Japan  
Tel: +81 75 / 611 - 2141, Fax: +81 75 / 622 - 4595,  
<http://www.morita.com>

Distributed by  
**J. Morita Corporation**  
33-18, 3-Chome, Tarumi-cho Suita City, Osaka, 564-8650 Japan  
Tel: +81 6 / 6380 - 1521, Fax: +81 6 / 6380 - 0585,  
<http://www.morita.com/asia>

**J. Morita Europe GmbH**  
Justus-von-Liebig-Straße 27a, 63128 Dietzenbach, Germany  
Tel: +49 6074 / 836 - 0, Fax: +49 6074 / 836 - 299,  
<http://www.morita.com/europe>

**J. Morita ANZ Representative Office**  
Suite 2.05, 247 Coward Street, Mascot, NSW 2020, Australia  
Tel: +61 2 / 9667 - 3555, Fax: +61 2 / 9667 - 3577,  
<http://www.morita.com/anz>

**J. Morita Middle East**  
Saraya Al Wessam Building, Appt 902 Cross Roads Tag Al Roasaa & Abu Heif SabaPacha, Alexandria, 21311, Egypt  
Tel: +203 58 / 222 - 94, Fax: +203 58 / 222 - 96,  
<http://www.morita.com/middleeast>