**Neural Marking**

- Easily locate and mark nerve endpoints for visualization and analysis.
- Use the neural inner zone within 3D rendering of the skull volume.
- Patent-pending 3D Nerve Marking technology designed specifically for analyzing the temporomandibular joint.

**2D Facial Fracture View**

- Easily create fracture maps on the facial skeleton using CBCT, CT or MRI data. Display markers for fractures, and highlight 3D areas where the facial bone is not intact. Use 3D texture to visualize areas that were previously difficult to see.

**System Requirements**

- **Windows:** Vista, 7, 8, 8.1, 2008 Server, 2012 Server. Multiple or single processors. 3D graphics card supporting OpenGL 3.2 or higher. Requires .NET Framework 3.5 or later.
- **Mac:** Mac OS X 10.6.7 or later (as of June 2012).
- **Linux:** Requires Debian-based Linux system.
- **LiveCD:** DVD or USB flash drive.
- **Mac and Linux:** Requires a DVD drive.
- **Other:** Requires a Windows or Macintosh desktop computer.

**System Requirements**

- **Windows:** Vista, 7, 8, 8.1. Requires .NET Framework 3.5 or later.
- **Mac:** Requires OS X 10.6.7 or later.
- **Linux:** Requires Debian-based Linux system.
- **LiveCD:** DVD or USB flash drive.
- **Other:** Requires a Windows or Macintosh desktop computer.

**New Features**

- Patent-pending 3D Nerve Marking technology designed specifically for analyzing the temporomandibular joint.
- Improved display and data management features.
- Enhanced 3D visualization and analysis.
- New 2D facial fracture view for display and data management.

**System Requirements**

- **Windows:** Vista, 7, 8, 8.1, 2008 Server, 2012 Server. Multiple or single processors. 3D graphics card supporting OpenGL 3.2 or higher. Requires .NET Framework 3.5 or later.
- **Mac:** Mac OS X 10.6.7 or later (as of June 2012).
- **Linux:** Requires Debian-based Linux system.
- **LiveCD:** DVD or USB flash drive.
- **Other:** Requires a Windows or Macintosh desktop computer.
Dolphin 3D software is already widely used by dental practices, hospitals, and research institutions due to its ability to perform analyses of craniofacial anatomy. Measurements and digitization can be performed in both 3D and traditional 2D.

**Features**

- **Available tools**
  - High-quality, digital images
  - Precise measurement
  - Precise area measurement
- **Digitization**
  - Radiographic images can be saved in the Dolphin Imaging database, providing a comprehensive record of all data.
- **Easy Data Segmentation and Visualization**
  - Images can be segmented into soft tissue, hard tissue, or 3D objects.
- **4-views**
  - Four views for 3D and 2D images, including a frontal plane and sectional views.
- **Easy Data Transfer and Integration**
  - Dolphin 3D integrates with CEREC Omnicam and CEREC Ortho Software from Sirona.
- **Simple Graphical User Interface**
  - Easy-to-use interface for simple and intuitive navigation.
- **Digital 3D Ceph Tracing module**
  - Digitally traces cephalometric lines on panoramic images.

**Simple Graphical User Interface (GUI)**

Dolphin 3D makes harvesting data from 3D volume simple, and is an excellent tool for dentists, orthodontists, and dental hygienists. Place, move, and rotate implants on the volume, slice or panoramic views, and easily adjust the viewing preferences to suit your needs. You can also adjust the viewing preferences for each of the fields viewed. Dolphin 3D supports a variety of interfaces, including for 2D or 3D viewing.

**Digital Study Models**

3D Digital Study Model software works with all views and study models to support the viewer. It also offers easy-to-use software for saving, importing, and exporting 3D models. Dolphin's 2D Ceph Tracing module can integrate with Dolphin's 3D software for combined use.

**Digitally Harvested Data**

Dolphin 3D's 2D Ceph Tracing module can harvest digital data from 3D volume views, and is an excellent tool for dentists, orthodontists, and dental hygienists.

**3D Implied Planning**

Dolphin 3D's 3D Ceph Tracing module can trace facial structures and create digital models.
Features

- Import and display a variety of 3D dataset formats (ASCII, XIF, 3DS, STL, OBJ, WMF, etc.)
- High-quality, fast 3D rendering
- True-to-temned slice slicing
- Cross sections in a multiplanar review display
- Precise cursor orientation
- Volume slicing: creates two separate sources of view
- 3D photo-scan-like volume
- Volume display superposition
- Tomo rendering
- Two modes
- Siemens cephalometric and panoramic radiographs
- Auto-save all images in 2D and 3D
- Customizable: save as a 2D dataset with reduced depth
- Design tools: programmable 2D
design
- Flip image to grayscale for other applications
- Image easily saved on Dolphin patient database
- Fully-integrated in Dolphin Imaging SQL database
- 3D report generation printing and evaluation
- Distinctive long-term structure via their slices with a recognizable color grading by highlighting specific regions such as the Frontal. You can also adjust the object’s translucency using the Volume Translucency tools on the 3D control panel.

After a scan has been completed, take advantage of the new 3D views that are provided.

Dolphin 3D includes powerful yet intuitive tools for you to process multi-dimensional datasets. Whether you scan your models or take digital impressions, you can use Dolphin 3D to easily explore a variety of views of your structure. You can also adjust the volume's different intensity levels, zoom, pan, rotate, etc.

Simplified Graphical User Interface (GUI)

Dolphin 3D includes simplified, intuitive tools for you to browse through your multi-dimensional datasets. This tool includes a list of 3D datasets and makes it easier for you to select the correct dataset for your task.

Digital Study Model

Dolphin 3D Study Model software works with all images and study models scanned that report on 3D and may be further analyzed and evaluated. The software provides a comprehensive set of tools to enhance your workflow and improve the accuracy of your results.

Digitize/Measure

Dolphin's 2D Ceph Tracing module allows you to digitize 2D cephalometric landmarks and angles. Once you have digitized the landmarks, you can export the data to Microsoft Excel or other compatible databases.

Digitized landmarks can be used to create cephalometric radiographs or to identify specific areas of interest. For example, you can use the cephalometric radiographs to measure distances and angles, or to analyze craniofacial morphology. You can also use this data to generate 3D models, which can be exported to other compatible software programs.

Multiple Planes and Landmarks

- 4D: Digital Study Model volume
- 4D: Digital Study Model volume (both 3D and the cross-sectional planes in the side-by-side comparison)
- 4D: Digital Study Model volume (both 3D and the cross-sectional planes in equal radii view)
- Individual orthognathic procedure: maxillary, cranial, and extractions
- Individual orthognathic procedure: maxillary, cranial, and extractions
- Individual orthognathic procedure: maxillary, cranial, and extractions

You can also adjust the volume view to see different areas, such as the maxillary, cranial, or extractions. When you have digitized the landmarks, you can export the data to Microsoft Excel or other compatible databases.

Easy Data Transfer and Visualization

You can transfer the 3D object to another Dolphin software for further analysis or presentation. You can also transfer the 3D object to other applications, such as Microsoft Excel or other compatible databases.

Whether you scan your models or take digital impressions, you can use Dolphin 3D to easily explore a variety of views of your structure. You can also adjust the volume’s different intensity levels, zoom, pan, rotate, etc.
Dolphin 3D software is already widely used by dental practices and laboratories. It offers extensive tools for on-screen manipulation and private practices. It integrates with CEREC Omnicam and CEREC Ortho Software from Sirona.

Whether you scan your models or take digital impressions, you can use Dolphin 3D to create digital study models never been easier.

Dolphin 3D includes powerful yet intuitive tools for you to process multi-dimensional datasets. There are no complicated commands or scripting necessary. Simple Graphical User Interface (GUI) makes Dolphin 3D an easy program for everyone to use.

Digital Study Model

Dolphin 3D allows you to create 3D models from CBCT scans, panoramic images and digital impressions. You can measure distances and angles in 3D; design your own analysis in 3D or in 2D (Dolphin Ceph Tracing software required for 2D analysis).

You can use Dolphin 3D to create a variety of 3D models, and is an ideal tool for dental students and educators.

Digital Implant Planning

With Dolphin 3D, you can create a virtual implant plan from various viewpoints and presentations. Dolphin can also use CBCT scans to create a virtual implant plan.

Dolphin Completeviewer allows you to create a 3D model of a patient’s teeth. You can also view the patient’s teeth in any direction and in any orientation. You can also view the patient’s teeth in any orientation.

Digital Photographs

Your digital photographs are automatically generated and ready to use. Dolphin 3D makes harvesting data from 3D volume simple.

3D Images and Radiographs

Dolphin 3D can create 3D images from CBCT scans and digital impressions.

Dolphin Ceph Viewer is a powerful tool for creating high-quality, full-featured cephalometric analyses.

Simple Graphical User Interface (GUI)

Dolphin 3D's 2D Ceph Tracing module is an excellent tool for creating cephalometric analyses.

Digital Study Model

Dolphin 3D allows you to create 3D models from CBCT scans, panoramic images and digital impressions.