Specification

OnyxCeph³™
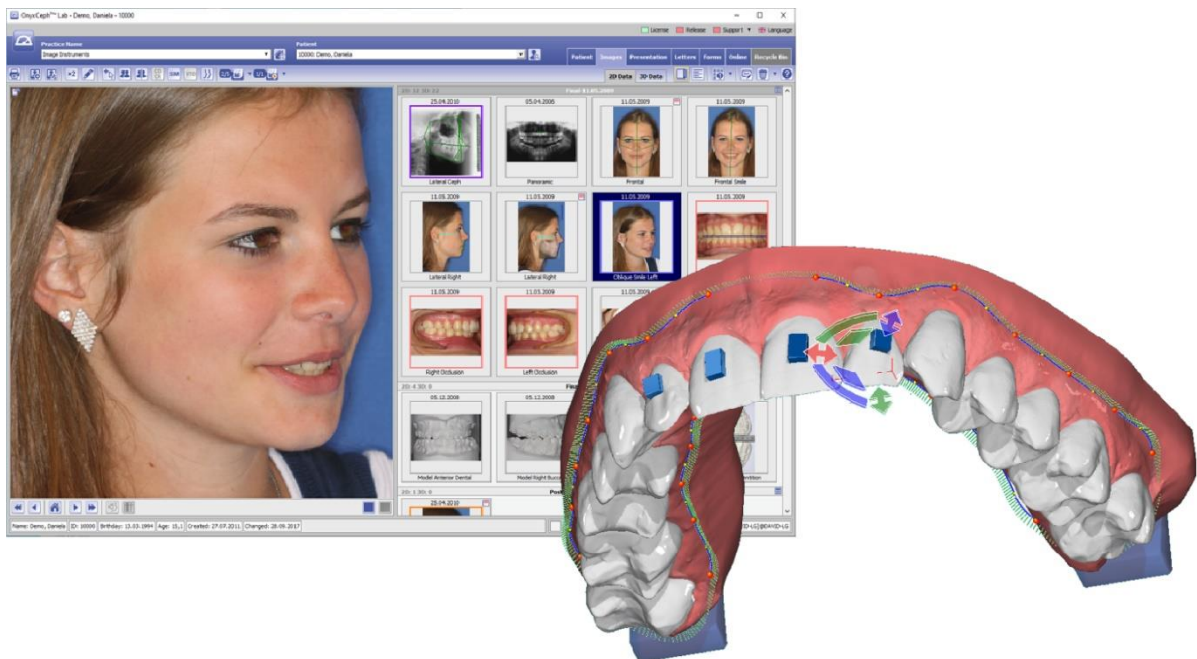
OnyxCeph³™ is a Client-/Server Windows software with a powerful SQL database that is approved as a medical product for the processing of 2D and 3D data, mainly in

- Archiving,
- Image Based Diagnostics,
- Treatment Planning and
- Patient Education

in general dentistry, orthodontics and maxillofacial surgery.

A. PROGRAM OVERVIEW

The software development concept guarantees best practices, professional competence and flexibility but also the involvement of latest database and programming techniques and integration of new hardware technology.

Especially the underlying so-called **Integrative Cephalometric Concept** 2D|3D ensures that depending on requirements and technical equipping tried and tested methods in diagnostics and treatment planning can be used together with state-of-the-art technologies mutually and consistently.

Compare OnyxCeph³™ based on criteria like performance, functionality, stability, ease of use, configurability, integration, updates, costs and support.
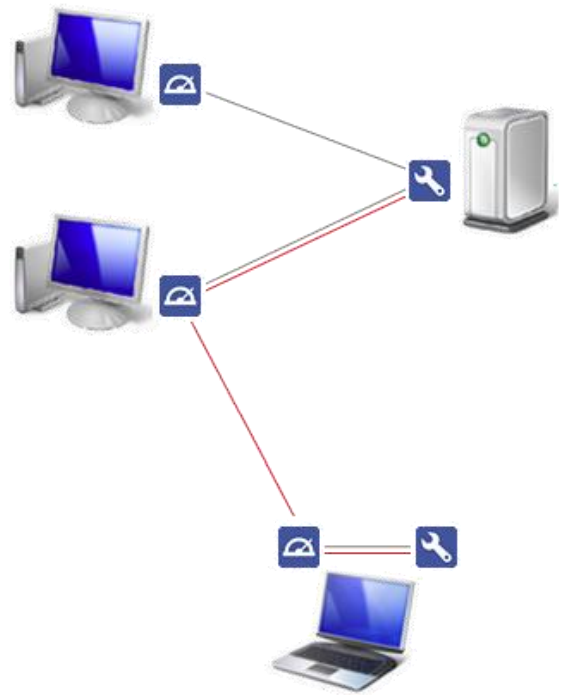
Performance

Install OnyxCeph³™-SQL database on your practice or clinic server to access your diagnostic and planning data on all clients in the network.

Use the implemented interface to integrate OnyxCeph³™ into your practice management. Connect OnyxCeph³™ to all analog and digital image sources commonly used in your practice.

Access your practice server online via Internet to retrieve data when you are out of office.

Exchange findings, treatment plans and other types of treatment relevant patient data online or offline with referring doctors or colleagues for further treatment.

Export selected cases to your notebook or home PC for offline processing or presentation.

Functionality

- Patient Management

Manage all patient data and documents which are relevant for diagnosis and treatment planning purposes. Synchronize patient records with your practice management software and the data of all used image sources. Classify treatment types, sessions and findings for statistical evaluation and long-term treatment analysis.

- Image Data 2D|3D

Here you can acquire, load, manage, process and analyze all 2D and 3D data patient-relatedly. Several modules are available, such as cephalometric analysis and measurements, image combine, mirror symmetry analysis, CO | CR comparison, Ricketts V.T.O., treatment simulation, superimposition, adjust image, edit image, clone finding, export, send, image compare, forms, 100% printing etc.
Select one or multiple of about 100 pre-installed cephalometric analyses or create and order your customized home analysis.

- Presentation

Create presentation layouts according to your own suggestions and present your image and finding data PowerPoint-like. For patient education purposes, you can organize case examples (images, movies, animations) in specific tree-structured albums.

- Letters

Create and design your own print forms for letters to patients, referring doctors, or specialists or other layouts which automatically can integrate patient data, treatment information, images, diagnostic results and treatment plans. Manage these letters within the database, as external PDF, or, print out on paper.

Stability

SQL database NEXUS which is used together with OnyxCeph™ for many years already ensures a high degree of stability and reliability of the client/server application in a network environment as well as a fast and stable database access via TCP/IP independent on the total number of managed patient and image data records. With a fix IP address and suited access permissions on the server, this also will allow you to access your data online when working outside the practice.

Ease Of Use

In the style of modern Windows™- applications, the graphical user interface (GUI) arranges functions belonging together with all related inputs and controls on separate tab sheets.

System calls and settings can be changed by the menu of the OnyxCeph³™ start button. Also the selection of practice and patient can be done in the main form window of the OnyxCeph³™ host application. For qualified users with good Windows™ knowledge this allows to use the basic functionality of the program without intensive introduction.

Configurability

Individualize your application by customized settings for the clients and/or the system as a whole. This is possible e.g. for server and client language, image sources, image types and image type settings, sessions, analyses, graphic options, print form templates, presentations, media libraries and DHTML-forms.

Integration

OnyxCeph³™ provides individual and default interfaces to practice management software and databases but also to firmware and software for imaging systems and 3rd party applications. Set up relevant interfaces on each client for data import, data exchange, and links for frequently used 3rd party programs.

Updates

Updates are provided for registered customers on a regular base as a result of the ongoing software development and maintenance process.

Costs

OnyxCeph³™ can be purchased and authorized for different program versions and according to different license types. Available program versions are Basic | 2D Pro | 3D Pro, Lab and OMS, whereby all 3D versions automatically compiize the relevant 2D functionality. Pro versions include all measurement and evaluation modules while Basic versions are mainly designated for data archiving, presentation and management.

For registration, beside a perpetual purchase license (license type RL+, one-off payment) an open subscription license (license type OSL, annual payment) is offered.

Price|EUR *	BASIC	2D PRO	3D PRO	LAB	OMS
RL+	1.800	2.700	3.600	4.800	6.600
OSL	200 p.a.	300 p.a.	400 p.a.	n/a	n/a

* plus VAT, if applicable

Prices for optional modules and accessories, documents and services, see price list below.

Software Maintenance

Maintenance (Updates, Upgrades) is provided for a flat rate of EUR 99 annually which is equal for all license types, see price list below. Please note that available updates need to be installed to remain valid the medical product CE label.

Price|EUR *	BASIC	2D PRO	3D PRO	LAB	OMS
Maintenance	99 p.a.	99 p.a.	99 p.a.	99 p.a.	99 p.a.

* plus VAT, if applicable

B. PROGRAM VERSIONS + OPTIONAL COMPONENTS

Program Version	BASIC	2D PRO	3D PRO	LAB	OMS
SQL Data Base					
Network License (Concurrent Clients | Server)	5|1	5|1	5|1	20|1	20|1
Stand Alone License (Client | Server)	1|1	1|1	1|1	1|1	1|1
Option User Administration	400	400	400	400	400
Option Statistcs	800	800	800	800	800
Imaging 2D Modules					
Add Image 2D	●	●	●	●	●
Adjust Image 2D	●	●	●	●	●
Combine 2D	●	●	●	●	●
Edit 2D		●	●	●	●
Digitize 2D		●	●	●	●
Mirror 2D		●	●	●	●
CO-CR Conversion		●	●	●	●
Treatment Simulation 2D		●	●	●	●
Ricketts V.T.O.		●	●	●	●
Image Comparison 2D		●	●	●	●
Imaging 3D Modules					
Add Image 3D	●		●	●	●
Adjust Image 3D	●		●	●	●
Approval 3D	●		●	●	●
Cast Adjust 3D	●		●	●	●
Combine 3D			●	●	●
Edit 3D			●	●	●
Inspect 3D			●	●	●
Digitize 3D			●	●	●
Image Comparison 3D			●	●	●
Mirror 3D			●	●	●
Segmentation			●	●	●
FA_Bonding			●	●	●
Kylix 3D			●	●	●
Bonding Jigs 3D			●	●	●
V.T.O.3D			1.200	●	1.200
Sim 3D			1.800	1.800	●
Waefer Creation 3D			1.200	1.200	●
Bonding Trays 3D			1.200	1.200	1.200
Bite Splint 3D			1.200	1.200	1.200
Ortho Apps 3D			1.200	1.200	1.200
TADmatch™			1.200	1.200	1.200
Smile 3D			1.200	1.200	1.200
Bracket Adapt 3D			1.200	1.200	1.200
Wire_Bonding 3D			600	600	600
Articulate			600	600	600
Bracket Erase 3D			600	600	600
Aligner 3D			600	600	600
Retainer 3D			600	600	600
3D Export (STL, OBJ, ZPR a.o.)				●	●

Program Version	BASIC	2D PRO	3D PRO	LAB	OMS
Presentation (Slide Show, Media)	●	●	●	●	●
Letter Writing	●	●	●	●	●
Recycle Bin	●	●	●	●	●
Reports	●	●	●	●	●
Container Exchange	●	●	●	●	●
Image-/ Result Export	●	●	●	●	●

● *optional Modules*

Price | EUR (plus VAT if applicable)

	BASIC	2D PRO	3D PRO	LAB	OMS
Open Subscription License (OSL) *	200 p.a.	300 p.a.	400 p.a.	n/a	n/a
Purchase License (RL+) *one-off*	1.800	2.700	3.600	4.800	6.600
Maintenance (Updates|Upgrades) *	99 p.a.	99 p.a.	99v	99 p.a.	99 p.a.

* Annual Fee

Optional Components

Additional Site License   € 90 (RL+) *or* € 10 p.a. (OSL)
Additional congruent network client.

User Administration Program OnyxAdmin   € 400,00
Administration of permissions depending on user login.

Statistics Program OnyxStat   € 800,00
Search and statistics over finding results.

Module Treatment Simulation 3D   € 1.800,00
Planning of combined orthodontic & OMS treatment.

Module Waefer Creation 3D   € 1.200,00
Design of surgical waefers.

Module V.T.O.3D (Virtual Setup)   € 1.200,00
Creation of virtual setups.

Module Bonding Trays 3D   € 1.200,00
Designer for bracket transfer trays.

Modul Bite Splint 3D   € 1.200,00
Designer for sleep apnea, mouth guards and other trays.

Modul Ortho Apps 3D   € 1.200,00
Designer for GNE-, Lingual-, Herbst- and other appliances.

Modul TADmatch™   € 1.200,00
Virtual placement of mini implants.

Module Smile 3D   € 1.200,00
Display of visual treatment goal inside smile image.

Module Aligner 3D   € 600,00
Virtual aligner planning.

Module Retainer 3D   € 600,00
Virtual retainer planning.

Module Wire_Bonding 3D   € 600,00
Virtual Straight Wire Planning.

Module Bracket Erase 3D   € 600,00
Virtual Bracket Removal.

Module Articulate   € 600,00
Import and visualization of axiographic data.

C. ACCESSORIES PRICE LIST

Facilities, Service, Training

Installation Flat Rate € 120,00
Each 60 min. Calculation basing on agreement/effort.

Instruction Flat Rate € 120,00
Each 60 min. Calculation basing on agreement/effort.

Service Package D200 € 500,00
For users within a distance of 200 km by car:
Up to 3 hours installation|software setup plus basic instructions *
Journey included.

Service Package D500 € 800,00
For users within a distance of 500 km by car:
Up to 3 hours installation|software setup plus basic instructions *
Journey + One Night Stop included.

Service Package D1000 € 960,00
For users within a distance of 1000 km by car:
Up to 3 hours installation|software setup plus basic instructions *
Journey + One Night Stop included.

* For each additional hour € 120 will be charged.

Technical Services, Form Creation € 120,00
Baseprice per hour. Agreement/effort.

Individual Analysis 2D|3D € 290,00
Creation of user defined analyses.

Annual Fees for Support and Maintenance

Software Support Basic € 99,00
Annual fee for updates, upgrades.

D. NOTE

Prices do not include VAT or shipping. By releasing this price list, all previous price lists expire. Workability of OnyxCeph³™ on computers which do not comply with the system requirements designated by Image Instruments will not be guaranteed.

Image Instruments reserves the right to modify OnyxCeph³™ as a result of technological progress or to adapt new Windows™ operating system features or requirements.

The CE label for OnyxCeph³™ as a medical software product is effective only for the latest available release.

For all questions about OnyxCeph³™ you could not find an answer within this summary, please contact Image Instruments directly by phone or email.

DEVELOPED BY

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