

Planmeca Romexis®



Planmeca Romexis® software for all images

Mac OS and
Windows compatible

Planmeca Romexis® is an advanced, easy-to-use software suite providing a rich set of tools to meet the imaging requirements set by any dental facility – from a small clinic to a large hospital. It supports the most versatile range of 2D and 3D imaging modalities.



World leading imaging software

Dental imaging refined

Planmeca Romexis® is a comprehensive software for acquiring, viewing and processing 2D and 3D images. All patient images are conveniently processed in a single software platform making Planmeca Romexis a powerful tool for studies that include various image types. **Planmeca iRomexis™** mobile application also enables you to take your work on the road or quickly share studies with other professionals around the world.



Easy workflow

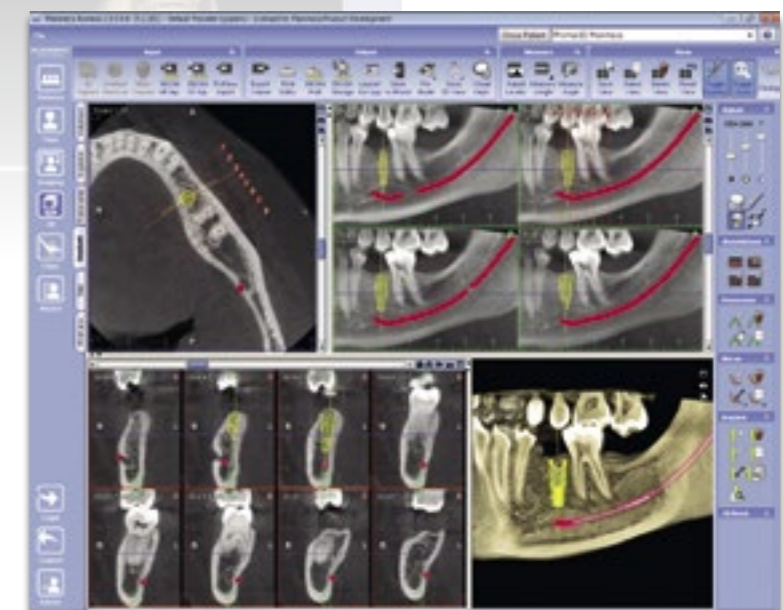
Planmeca Romexis supports different workflows from high patient turnover 2D imaging to advanced specialist 3D treatment planning. With simplicity as a leading design principle, Planmeca Romexis offers easy-to-use tools guaranteeing that the software can be used with minimal training.

Best compatibility with other systems

Planmeca Romexis offers excellent compatibility with other systems, allowing you to freely use third-party products at your clinic. TWAIN support and DICOM standard compliance ensure that our flexible software can be used effortlessly with most systems. Full support for both Windows and Mac OS operating systems provides additional freedom in operating your clinic.

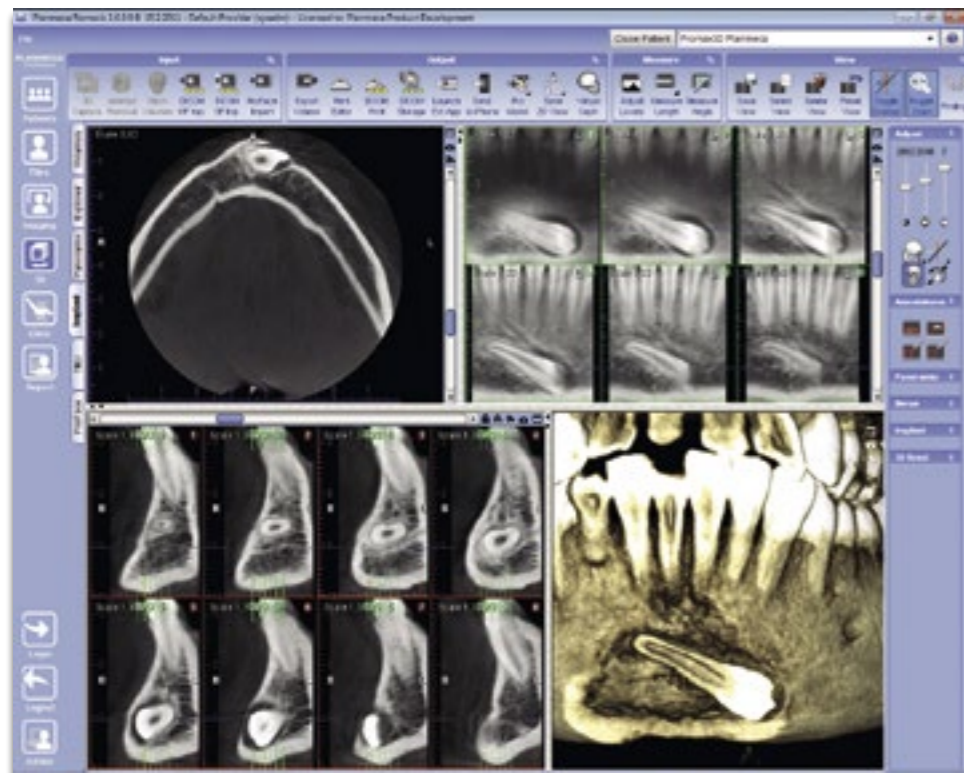
Free Planmeca Romexis® Viewer application

Full-featured viewer application
No installation required
Mac OS and Windows support
Distribute to specialists or patients



Reinventing 3D imaging

Our pioneering **Planmeca Romexis®** software offers specially designed tools for implantologists, endodontists, periodontists, orthodontists, maxillofacial surgeons, and radiologists. You can also view your images wherever you are using our mobile apps, and enjoy unmatched compatibility with other systems.



Excellent tools for quality images

With a complete set of tools for image viewing, enhancement, measurement, drawing and annotations, **Planmeca Romexis®** improves the diagnostic value of radiographs. Versatile printing and image import and export functionalities are also included. The software consists of different modules – so you can choose those most suited to your needs.

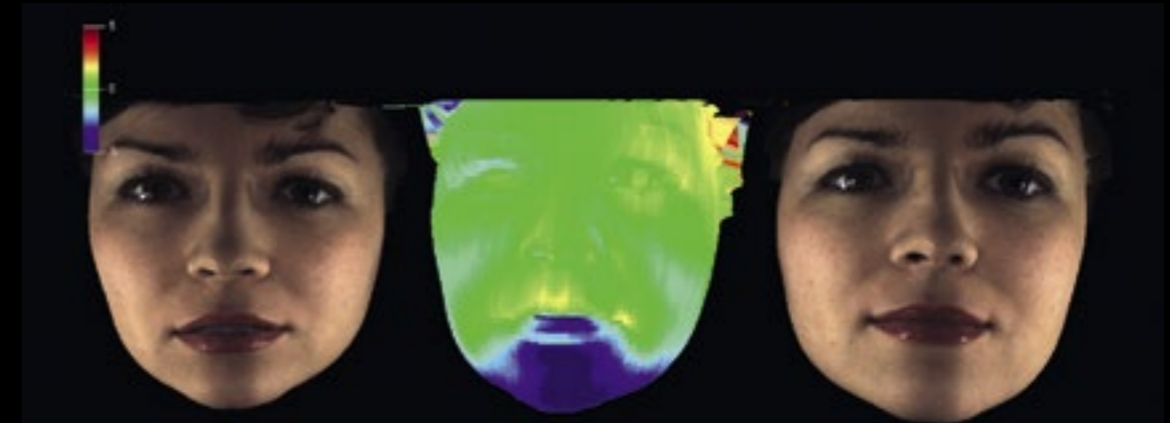
Convenient 3D diagnosis

The Planmeca Romexis 3D rendering view gives an immediate overview of the anatomy and serves as an excellent patient

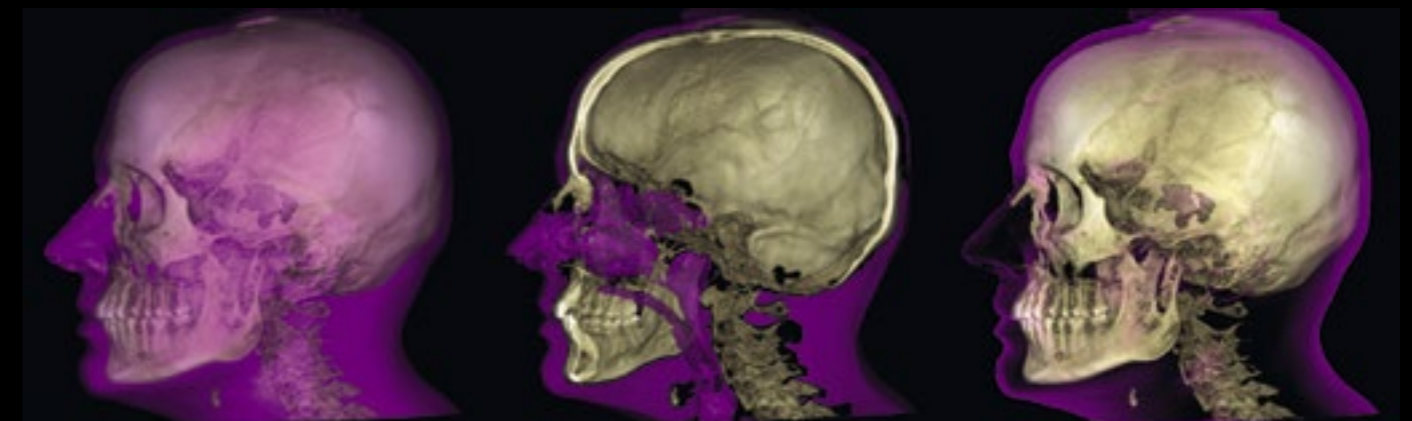
education tool. The images can be instantly viewed from different projections or converted into panoramic images and cross-sectional slices. Measuring and annotation tools – such as nerve canal tracing – assist in safe and accurate treatment planning.

Easy sharing of results

Studies can be quickly converted into multi-page printouts or handed out with the free **Planmeca Romexis® Viewer** media. Cases can be seamlessly transferred to mobile devices or partner clinics that also use Planmeca Romexis.



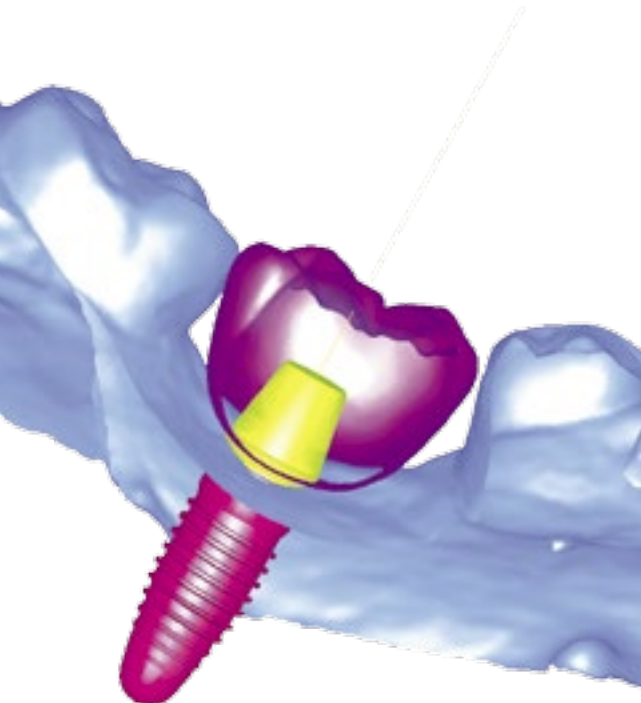
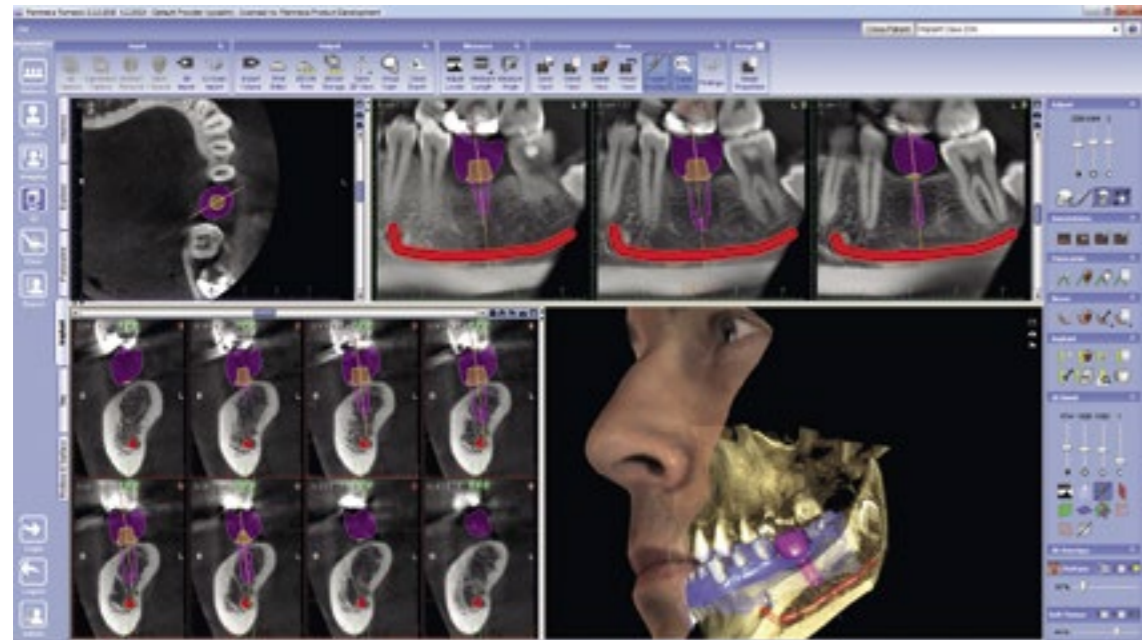
Planmeca Romexis® ProFace module allows visualisation of a 3D facial photo in relation to facial bone, providing an effective follow-up tool for maxillofacial operations. Careful preoperative planning and a thorough study of the facial anatomy facilitates a detailed operation and enhances aesthetic results.



Visualise and measure airways and sinus volumes before and after treatment for simplified diagnosis and treatment planning. Our advanced software tools allow accurate measurements in 3D space. Measurements can easily be reviewed using the saved views.

Implant planning made easy

Our **Planmeca Romexis® 3D Implant Planning** module offers the most sophisticated tools to meet all the needs of modern implantology.



Planmeca Romexis® allows easy planning and verification of implant placement using realistic implant, abutment and crown models from our Planmeca Romexis libraries. You can then import and superimpose a soft-tissue scan and crown design with CBCT data – providing you with the perfect environment for implant planning.



Mark the nerve on the CBCT image

Superimpose the 3D model scan on the CBCT image with Planmeca Romexis® software



Use the Planmeca Romexis® crown library or import patient-specific crown from the CAD system to the software



Use the extensive Planmeca Romexis® implant and abutment library to finalise the plan

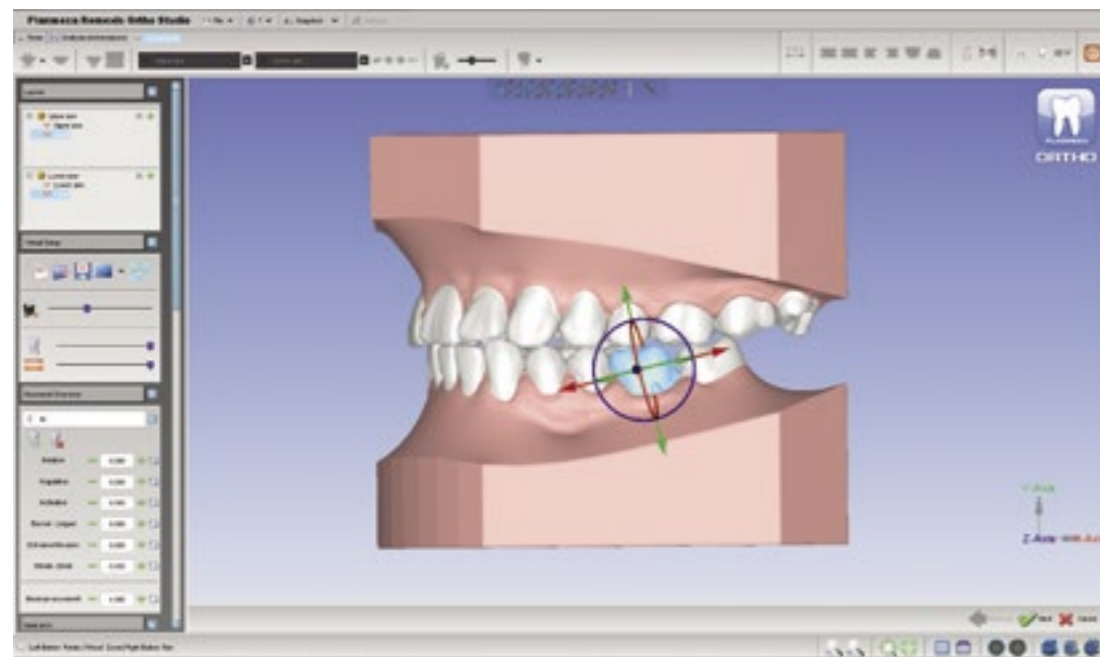
Verify the plan with the implant verification tool



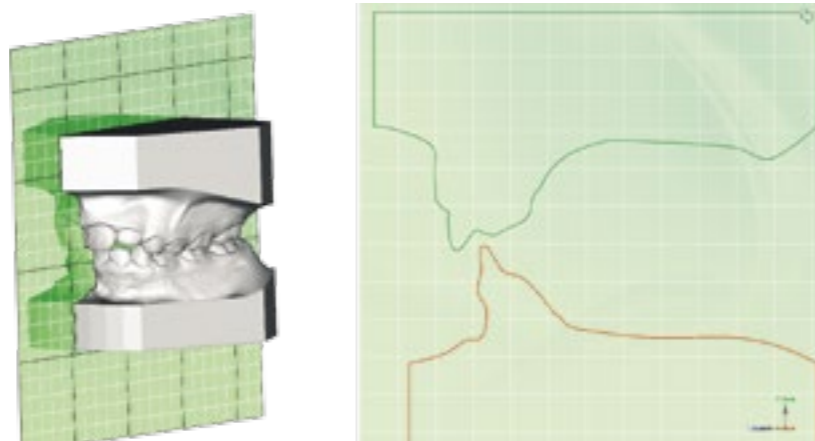
Order the surgical drilling guide from Materialise Dental or 3D Diagnostix using the integrated order form

3D tools for orthodontists and dental labs

Planmeca Romexis® 3D Ortho Studio brings innovative tools for orthodontists and dental laboratories. Our advanced module is designed for the examination and analysis of digital dental models scanned with Planmeca ProMax® 3D X-ray units – and also for planning orthodontic treatments in 3D.

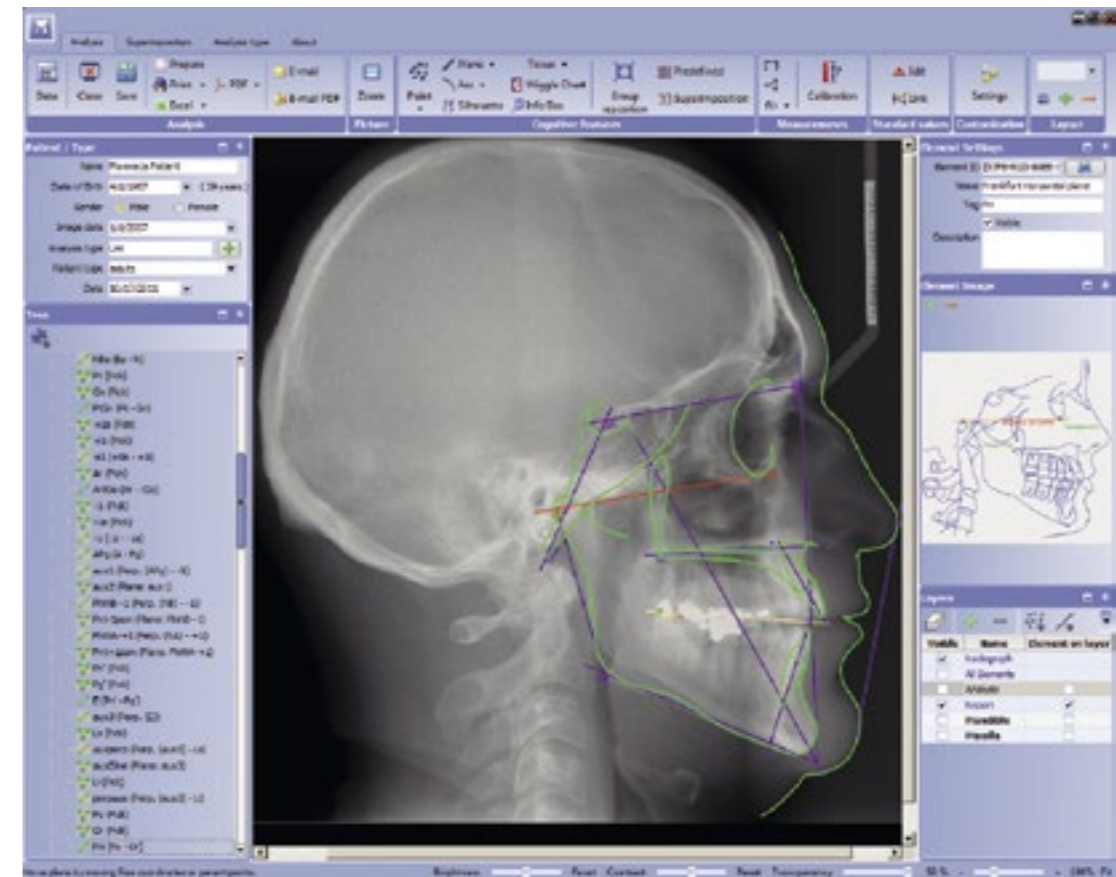


- Dental cast analysis including space, tooth size, cross sections and occlusion examination
- Attachment of a virtual base creates a result that looks like a traditional plaster cast
- Staged treatment plans by moving the segmented teeth in the virtual setup
- Sequential digital dental models from initial setup to the target setup
- Export of digital dental models in STL format for 3D printing, design and manufacturing of custom appliances
- Supported on Windows operating system

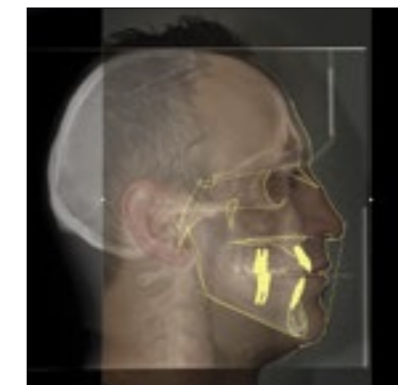


Cephalometric analyses and superimpositions in minutes

The Planmeca Romexis® Cephalometric Analysis module offers tools for creating cephalometric analyses and superimpositions and for planning orthodontic treatments. It provides flexible and easy-to-use features for processing quickly and efficiently even the most demanding cases in orthodontics, general dentistry and maxillofacial surgery.



- Powerful tool for treatment planning (VTO), creating cephalometric analyses (lateral, frontal and arch), and superimpositions
- Customisable analyses, standard values, reports, exports and user interface
- Microsoft Excel export and import function
- Supported on Windows operating system



High-performance 2D imaging

Our advanced **Planmeca Romexis®** software suite offers the most versatile tools for 2D imaging. Diagnose images using our full range of enhancement tools – or view them wherever you are with our mobile apps. This flexible dental imaging suite adapts to your needs and will grow into the third dimension together with your practice.



Easy and powerful

Planmeca Romexis® is the software of choice for viewing and processing 2D images from Planmeca X-ray units. Powerful enhancement and analysis tools guarantee that accurate diagnosis is available to users in all specialties, while the intuitive interface guarantees confident, comfortable use from day one.

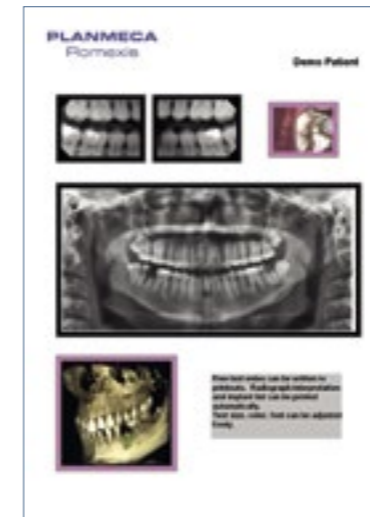
Sharing the results

Cases can be seamlessly transferred to mobile devices or partner clinics that use Planmeca Romexis or the free **Planmeca Romexis® Viewer**. Our integration with other systems allows you to freely utilise third-party products at your clinic. TWAIN support and DICOM standard compliance ensure that the software can be used together with most systems.

Integrated document management

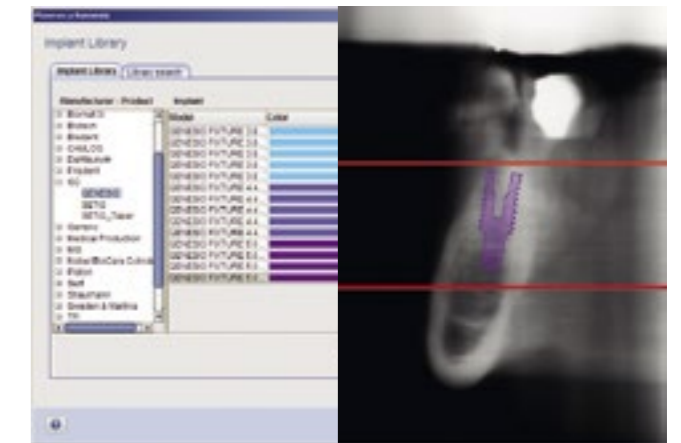
The printing module with multi-page support is ideal for creating professional, high-quality printouts and radiology reports to be sent to referring dentists.

Documents of any type can be attached to patient files, providing a convenient storage for cephalometric tracing reports, referral letters and other information.



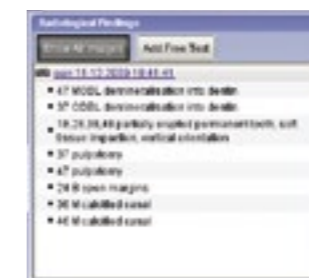
Advanced implant planning

Planmeca Romexis provides powerful tools for implant planning, including realistic implant models from over 30 manufacturers.



Radiology interpretation module

The **Planmeca Romexis® Radiological Findings** module is the most advanced findings-recording tool on the market. Developed in cooperation with clinicians, its findings list is hierarchically categorised and can be freely edited. The module is especially designed for educational and radiology centres where uniformity of recordings is essential.



Your mobile world of imaging

Access your images from anywhere in the world with our advanced mobile application. Consult your colleagues and communicate with your patients easily – wherever you are.

Planmeca iRomexis™

Planmeca iRomexis™ is a mobile companion application for the **Planmeca Romexis®** imaging software. It is specially designed for iPhone and iPad to view 2D and 3D images, 3D models and **Planmeca ProFace®** images.

View all images taken with your Planmeca X-ray unit and communicate with your patients. Carry images on your mobile device – discuss with other professionals wherever you go. Experience a new level of freedom and co-operation with Planmeca iRomexis.

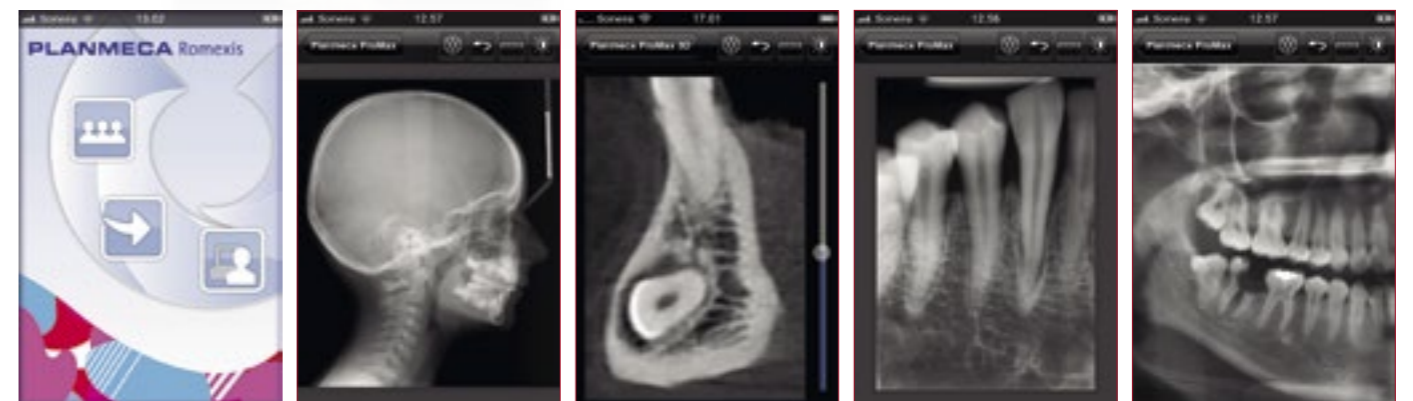
The application can be downloaded from the App Store free of charge.



True 2D and 3D imaging:
Planmeca iRomexis™



for iPhone and iPad



Share images and expertise online

Planmeca Romexis® Cloud is an advanced image transfer service exclusive to Planmeca Romexis® users. Now you can share images and expertise securely with all partners who use Planmeca Romexis, the free Planmeca Romexis® Viewer or the Planmeca iRomexis™ mobile application.



Planmeca Romexis® Cloud

**IMAGE
REFERRAL
INTERPRETATION**

Anybody, anywhere

- General practitioner
- Colleague
- Radiologist
- Specialist
- Dental lab
- Patient

Planmeca Romexis® user

- Radiology center
- General practice



Advantages

- Seamlessly integrated into **Planmeca Romexis®** ensuring an efficient workflow – no need for external applications or CDs and DVDs
- Automatic delivery of images and attachments
- Automatic notification to recipient of new cases

- Cases can be sent to any recipient who has an e-mail account
- Secure transfer and storage of information
- Streamline your communication with **Planmeca Romexis® Cloud**

Features

Sending images to recipient

- 2D images: panoramic, cephalometric, photos, intraoral X-ray images
- 3D images: CBCT, 3D photos, surface scans
- All annotations and other elements are included

Sending documents to recipient

- Attach one or more referrals, reports, or other documents

Versatile possibilities for communication

Recipients can download and view images at no cost using:

- Planmeca Romexis
- Free **Planmeca® Romexis Viewer**
- Free **Planmeca iRomexis™** iOS application on iPad and iPhone

Planmeca Romexis® software and Planmeca Romexis® Cloud subscription are required for sending new cases. Visit <http://online.planmeca.com/> to subscribe and start sending images now.

Unique linkage of dental unit and software

Planmeca Romexis® Clinic Management provides real-time information and monitoring of unit usage and events. Our pioneering software module offers unique benefits and services for its different users.



Benefits for dentists and hygienists

- Easily adjust and save individual chair positions and instrument presets
- Instantly access saved user settings from all units in the clinic

Benefits for unit maintenance

- Conveniently monitor units through remote connections
- Minimise any possible downtime with real-time user-assistance

Benefits for smaller practices

- Access accurate, real-time information on all unit operations
- Modernise your clinic business planning
- Automatically generate mileage reports to plan unit servicing based on actual usage
- Achieve significant cost-savings through better planning

Benefits for large clinics

- Monitor clinic status with all networked units on one easy-to-read graphical overview
- Improved and more efficient user-assistance
- Achieve significant time and cost-savings with remote software updates
- Increase efficiency and flexibility using software on mobile devices

Technical specifications

The flexible Planmeca Romexis software platform is designed to fulfil the needs of any facility from a small clinic to a large hospital and contains several features facilitating the management of the Planmeca Romexis system:

- 3-tier client server software allows for more control over the system and enables advanced data processing such as automatic server side processing.
- Powerful user and group management with full system audit trail guarantee that patient information is protected.
- As Java software, Planmeca Romexis can natively run on both Windows and Mac OS operating systems.
- Using Java Web Start, Planmeca Romexis can be updated to a new version with minimum effort. Simply update the server and all clients will be automatically updated.
- Image and report data can be exported to other software for further processing.
- Planmeca Romexis integrates with different systems (for example Dolphin, Simplant, coDiagnostiX), using various interfaces. It conforms to international standards, such as DICOM allowing for full compatibility with other systems and software.



Learn more:
Planmeca Showroom
for iPad



True 2D and 3D imaging:
Planmeca iRomexis™
for iPhone and iPad



www.facebook.com/PlanmecaOy

Planmeca Romexis® imaging software

Supported 2D modalities	Intraoral Panoramic Cephalometric 2D linear tomography Photos Stack images (CBCT slices and panoramic slices)
Supported 3D modalities	3D CBCT 3D photo 3D surface scan
Supported photo sources	Intraoral camera Digital camera or scanner (import or TWAIN capture)
Operating systems	Win XP / Win Vista Pro/ Win 7/ Win 8 Win 2003 Server /Win 2008 Server Mac OS X* For detailed information please see system requirements of Planmeca Romexis www.planmeca.com *Cephalometric Analysis module and 3D Ortho Studio module are not supported on Mac OS
Image formats	JPEG or TIFF (2D image) DICOM (2D and 3D image) STL (3D image) TIFF, JPEG, PNG, BMP (import/export)
Image size	2D X-ray image: 1-9 MB 3D X-ray image: typically 50 MB-1 GB
Installation options	Client-Server Java Web Start deployment
DICOM 3.0 support	DICOM Import/Export DICOM DIR Media Storage DICOM Print SCU DICOM Storage SCU DICOM Worklist SCU DICOM Query/Retrieve DICOM Storage Commitment DICOM MPPS
Interfaces	TWAIN Client PMBridge (patient information and images) VDDS (patient information and images) InfoCarrier (patient information) Datagate (patient and user information)
3 rd party software integrations	Dolphin Imaging Nobel Clinician Materialise Dental Simplant Straumann coDiagnostiX Cybermed N-Liten



Planmeca Oy designs and manufactures a full line of high technology dental equipment, including dental care units, panoramic and intraoral X-ray units, and digital imaging products. Planmeca Oy, the parent company of the Finnish Planmeca Group, is strongly committed to R&D, and is the largest privately held company in the field.

PLANMECA

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