PLANMECA ROMEXIS® SOFTWARE

PLANMECA

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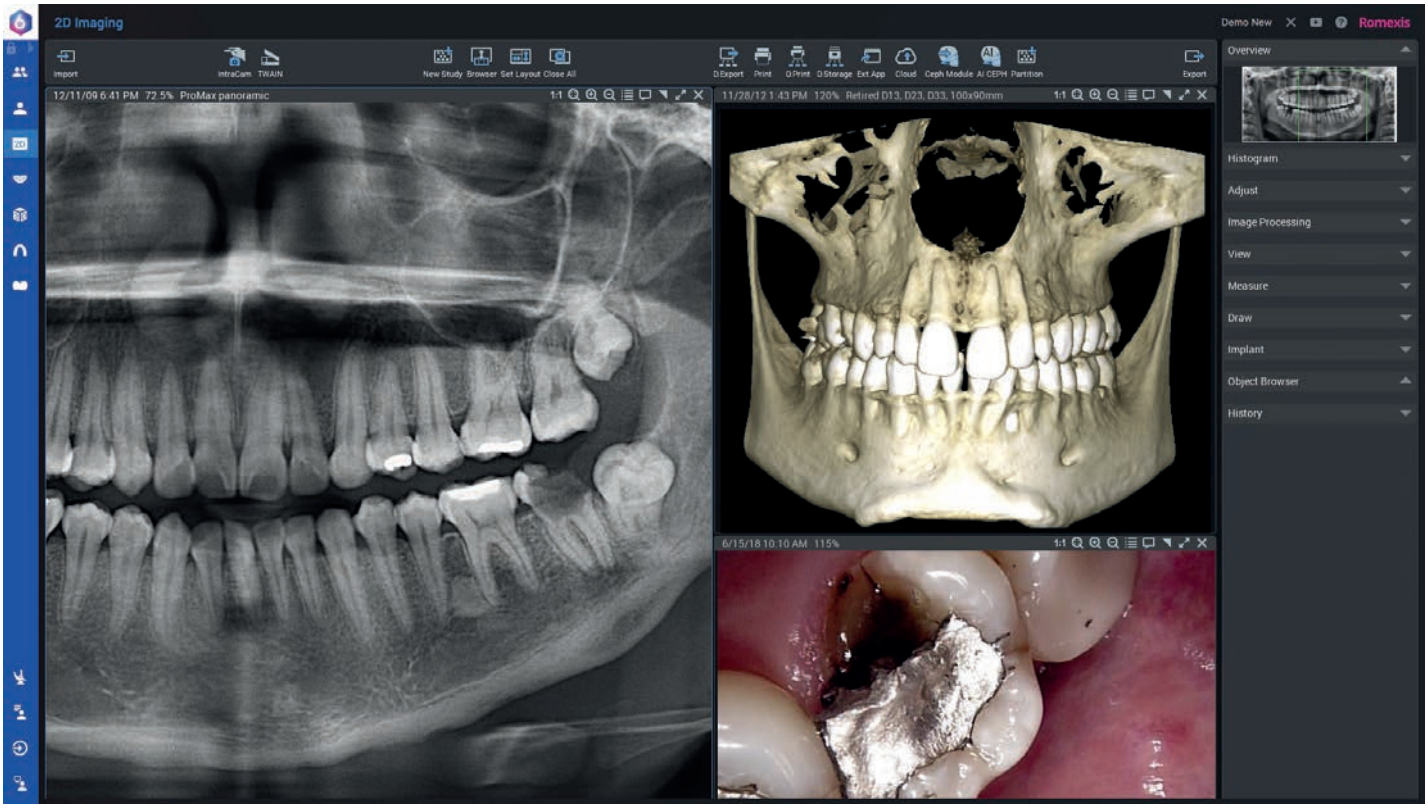
All-in-one software platform

Planmeca Romexis® *is the leading software platform for dentistry. It supports all types of dental imaging – from 2D and 3D to CAD/CAM – and offers an extensive range of tools for all specialities and specialists. All patient images are available in one easy-to-use and customizable user interface.*



Mac and Windows compatible

One software, all solutions

Planmeca Romexis® *is a flexible and powerful software platform with countless advanced features. It has been designed to meet the imaging needs of any dental facility – from a small clinic to a large hospital.*

All business scopes

- Private practices with one treatment room
- Medium-sized clinics
- Multi-site group practices
- Hospitals and universities

All specialities

- Radiology
- Implantology
- Prosthodontics
- Orthodontics
- Endodontics
- Maxillofacial surgery
- ENT
- Periodontics
- Esthetic dentistry

All modalities

- 2D X-ray images
- Photos
- CBCT images
- 3D digital impressions
- 3D photos
- TWAIN devices
- 4D jaw motion records

All platforms

- Native support for Windows and Mac
- **Planmeca mRomexis™** mobile imaging application for iOS and Android tablets
- **Planmeca Romexis® Cloud** image transfer service

Planmeca Romexis

Key benefits

- All-in-one software for 2D and 3D imaging, CAD/CAM, and 4D jaw motion tracking
- Open software platform – supports multiple file formats, such as JPEG, DICOM, and STL
- Integration with practice management and 3rd party software
- Compatible with Mac and Windows
- Networked connectivity built around a centralized database
- Device-independent dental image archive using the DICOM standard

The **Romexis®** software supports direct imaging and scanning with Planmeca equipment, as well as fabricating treatment devices and restorations with Planmeca milling units and 3D printers.

"I don't want to have different software for each procedure and software that doesn't often communicate with one another. So I like to have one platform and do all my work in one platform – this is very important to me."

Dr. Alexandros Manolakis
Manolakis Dental Clinic
Thessaloniki, Greece

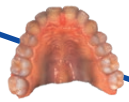
All clinical images in **one** databas

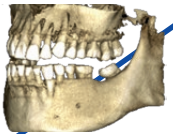
*With the **Planmeca Romexis®** software platform, all clinical images are stored in one database. All patient data can be easily shared with other clinic members inside the clinic network. The cloud-based transfer service enables the secure sharing of patient data with external specialists and labs. Romexis supports multi-site solutions by connecting one master database to local databases.*

Easy access

Chairside

Examination and intraoral scan





X-ray room

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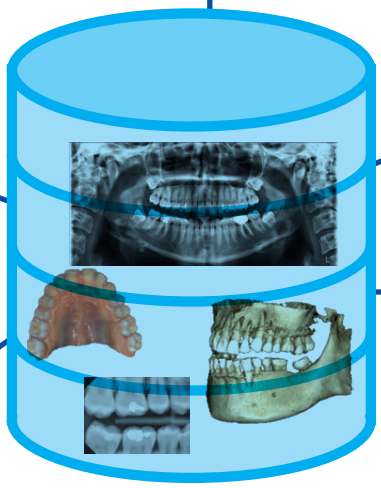
Planmeca Romexis

to all images

Lab

Radiologist



Planmeca Romexis® Cloud

Centralized database

The centralized database allows clinic sites and different specialists to conveniently store, access, and share images and data in real-time.

- Intraoral scans (STL)
- 2D and 3D images
- Clinical photos
- Dental lab order forms
- Virtual patient cases

External partners

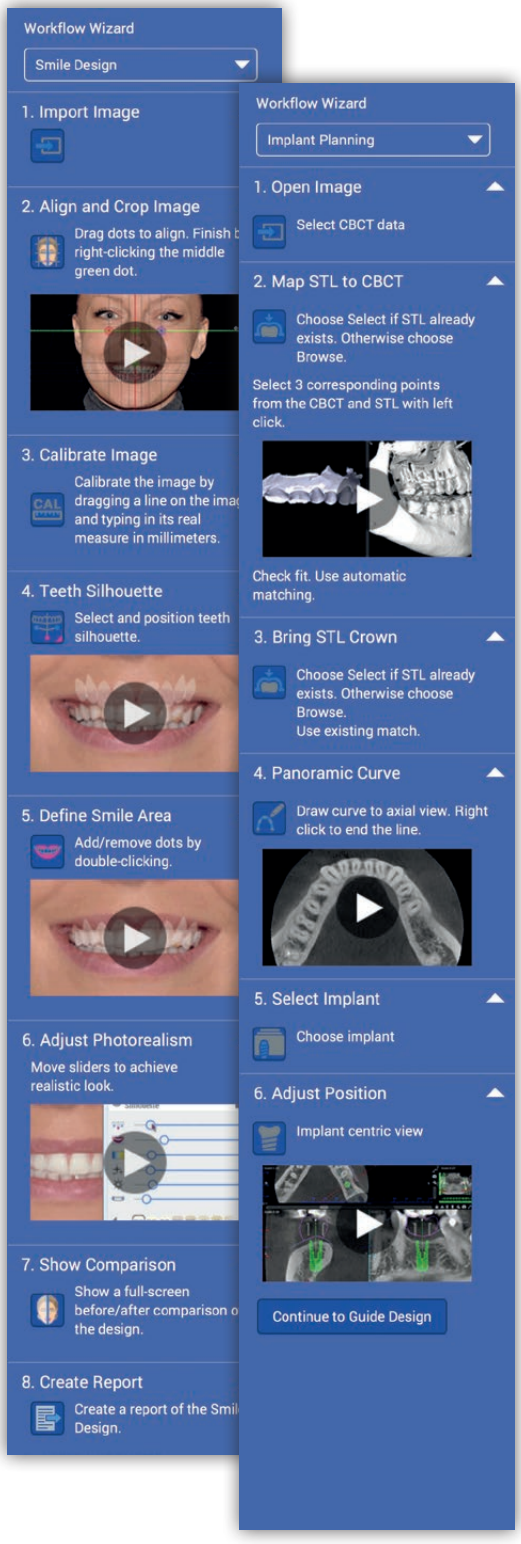
Planmeca Romexis® Cloud is a secure image transfer service for **Romexis®** users and their partners. It is used to easily share images, CAD/CAM cases, or patient data with any specialist or the patients themselves.

- Radiologists
- Second opinions
- Labs
- Surgeons
- Referrals

Superior usability

Easy and enjoyable use from day one

Romexis has been designed for the imaging needs of modern clinics. With all 2D and 3D images at your fingertips, you can work with confidence and provide the best treatments. We have optimized the most common workflows to make sure that everyday tasks can be done quickly with minimal clicks. Building on years of feedback, the newest version of Romexis introduces a cutting-edge interface that your entire team will enjoy.



Key benefits:

- Regularly updated and developed which makes Romexis a modern and up-to-date software
- Designed and coded in-house at the Planmeca headquarters in Finland
- Provides ease of use with minimal clicks, the most common workflows have been optimized to ensure that everyday tasks can be done quickly
- The customization options allow working faster and free of distractions on the user interface (UI). For example, the patient list content and toolbars can be configured to specific needs
- Personal preferences ensure that newly acquired images are always shown just as the user wishes, and the user can start work with minimal adjustments
- Flexible workflow wizards make using the software easy and enjoyable from day one
- The extensive tutorial video library with over 100 videos available at www.planmeca.com

Modular platform

Grows with the clinic

Romexis is a modular software platform that adapts to the needs of any clinic. It grows with the clinic as it allows starting small and adding new capabilities as the business expands – flexibly and risk-free with easy license updates.

Key benefits:

- All software modules in a single user interface and all data stored in one database
- Allows starting with any combination of modules and adding more users and modules later on, from 2D to 3D imaging and CAD/CAM with full implant planning functionalities
- Includes specialist modules for e.g. smile design, implantology, orthodontics and CMF surgery

2D imaging

2D cephalometry

3D imaging

3D implantology

Models

CAD/CAM Easy

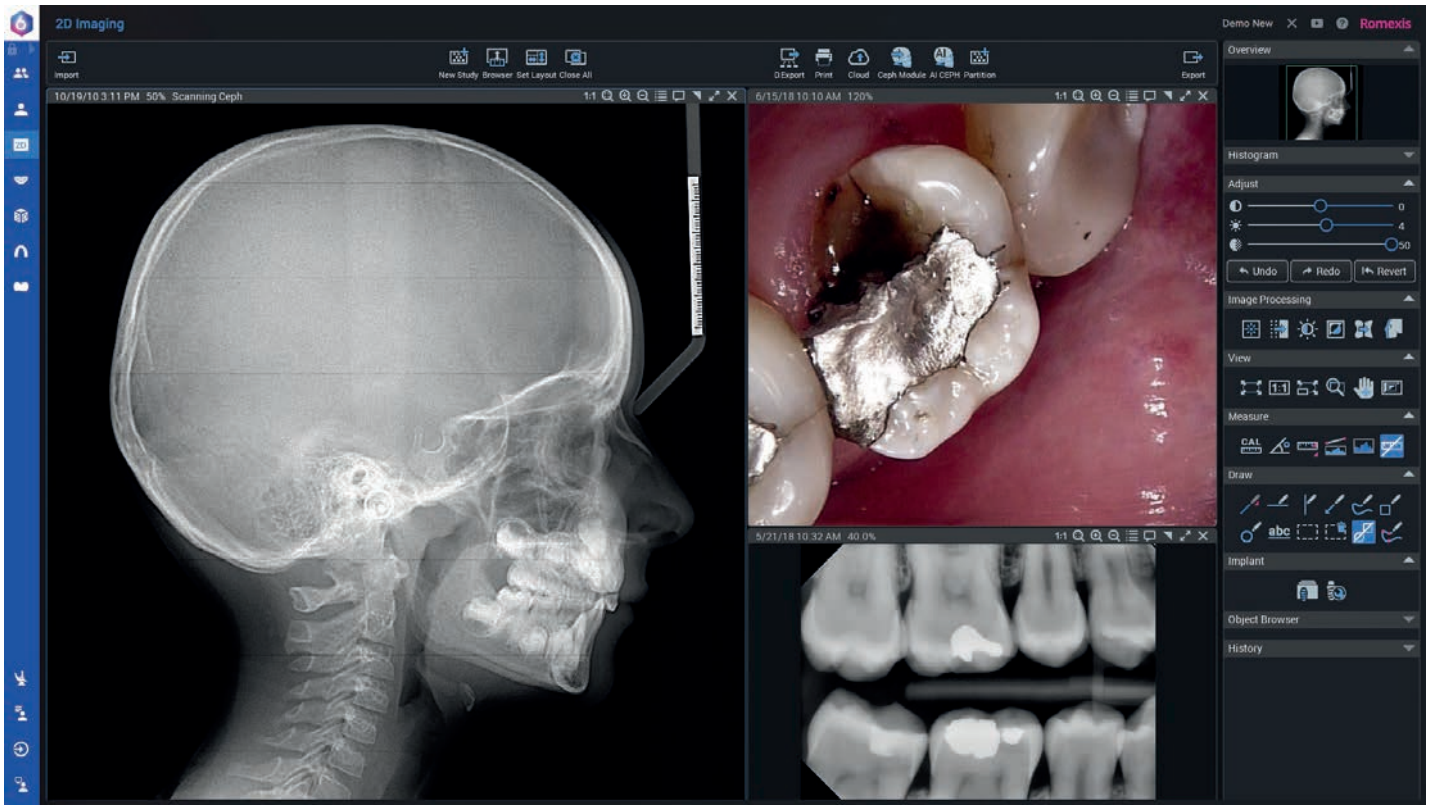
Smile Design

CMF Surgery

4D Jaw Motion

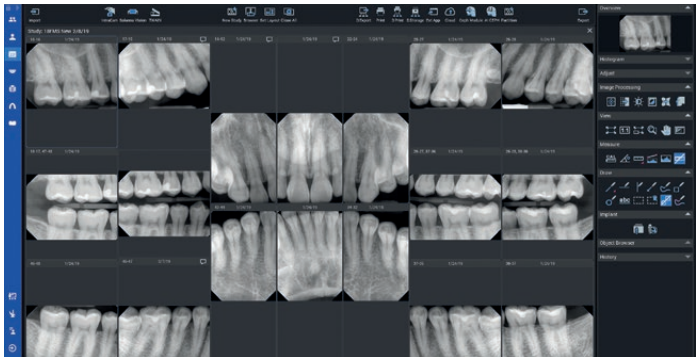
2D imaging

*The **Romexis**® software offers a rich selection of 2D imaging tools that ensure a streamlined and efficient workflow in all situations.*



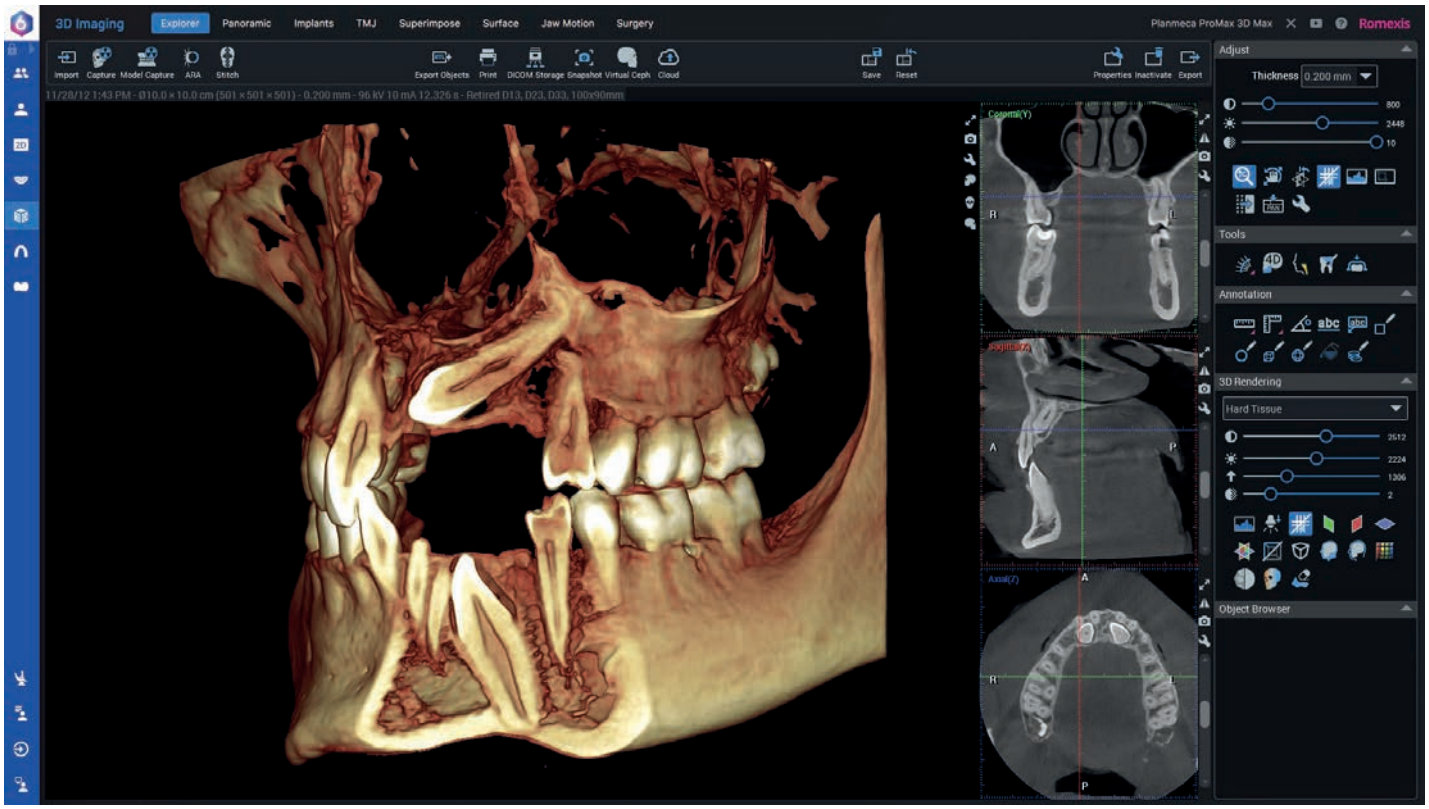
Key benefits

- Allows acquiring images from any source – including TWAIN, still cameras, video devices, DICOM imports, and other digital environments
- Tools for enhancing, annotating, and organizing images
- Adaptive prefilters minimize the need to enhance images manually
- Powerful search, filtering, and reporting tools
- Digital radiology process for full accountability – including electronic acquisition requests, reject analyses, interpretations, and central radiological QA reporting



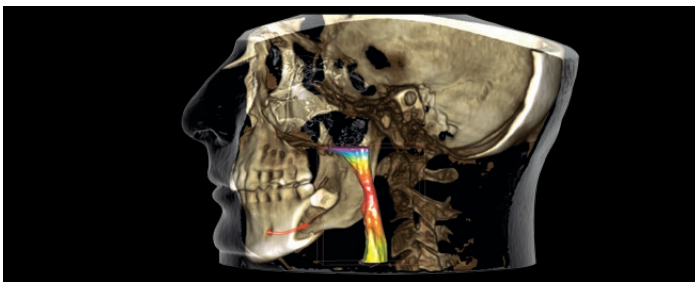
3D imaging

*The **Romexis**® software offers specially designed 3D imaging tools for implantologists, endodontists, prosthodontists, periodontists, orthodontists, maxillofacial surgeons, and radiologists.*



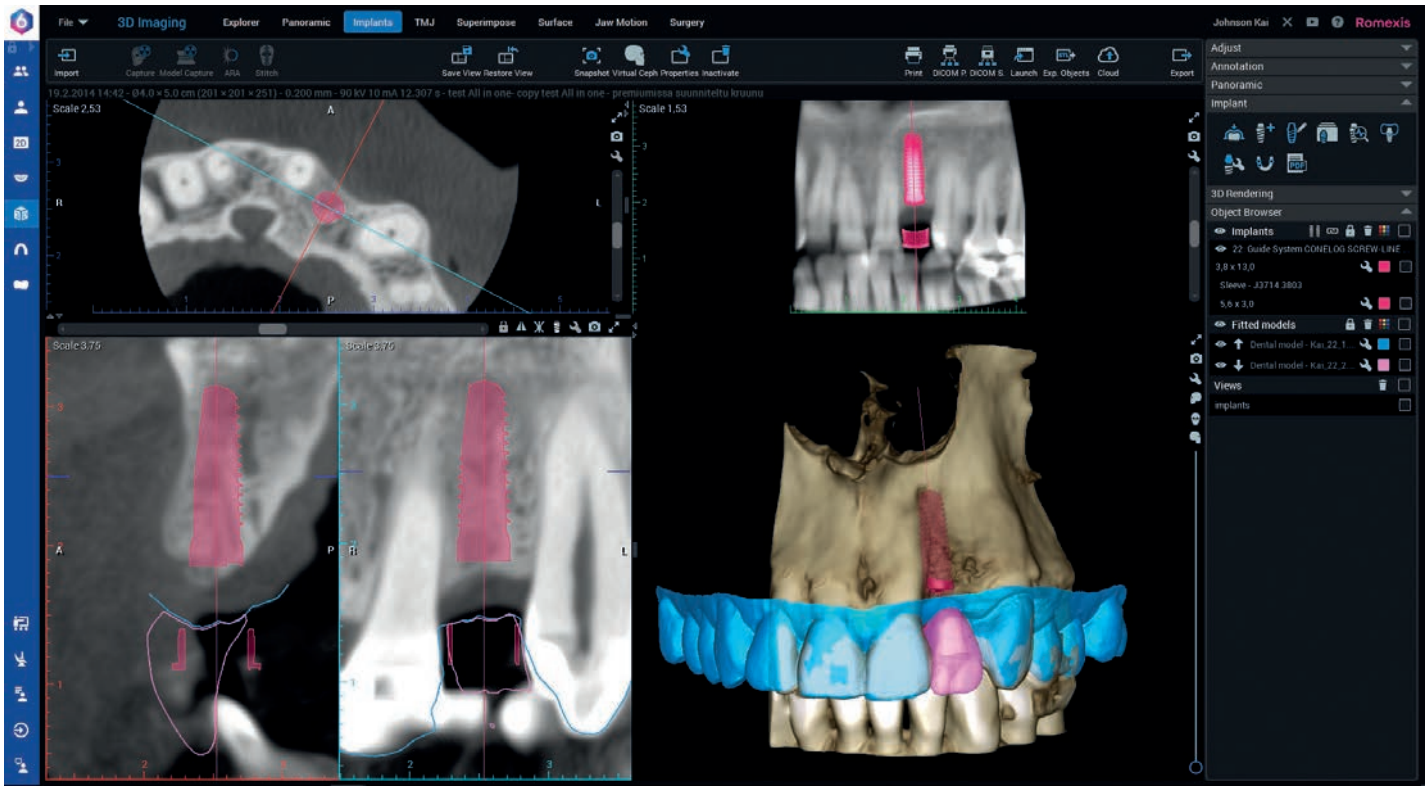
Key benefits

- Support for all types of 3D data – from CBCT images to 3D photos and surface models
- Allows creating panoramic and cross-sectional views
- Tools for marking nerves and annotations
- Analysis tools for airways and TMJ
- Superimposing CBCT images, 3D photos, and models
- Superimposing before-and-after CBCT images for comparison
- Segmenting tool for creating surface models from teeth and jaws
- Reporting of radiological findings
- Tools for orthodontic treaments and implant planning
- CBCT-generated cephalograms with free orientation
- Tool for measuring root canals



3D implantology

*The **Romexis®** implant planning and guide design modules provide all the needed tools for a fully digital implant workflow – from virtual 3D implant planning to implant guide design.*



Key benefits

- Direct CBCT image acquisition with Planmeca CBCT units
- Intraoral scanning with Planmeca intraoral scanners
- Open software – supports DICOM and STL imports and exports free of charge
- Extensive implant and abutment library featuring choices from over 100 manufacturers
  - The full and up-to-date list is available at planmeca.com/romexisimplantlibrary
- Integrated surgical kits with sleeves and fixation pins from multiple different manufactures
- Allows designing tooth- and mucosa-supported guides
- Designing implant guides in-house takes only a few minutes
- Free export for guides in STL format

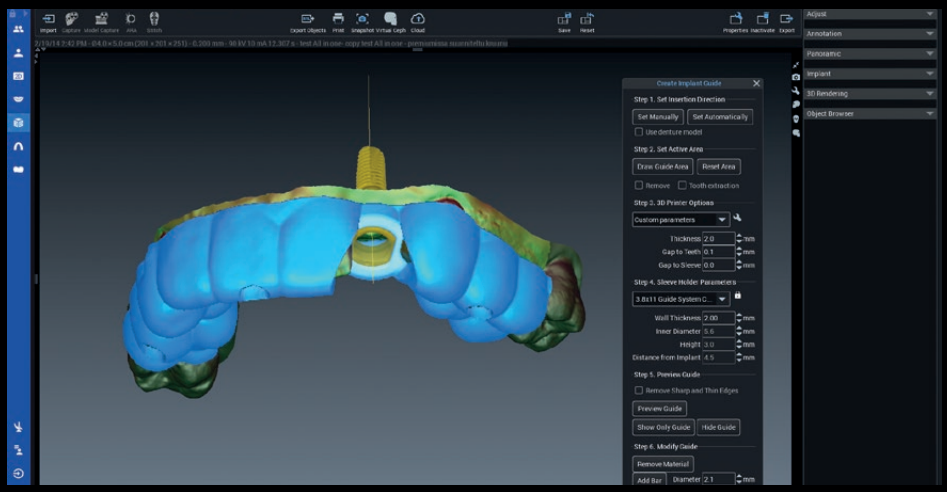
*"I feel that guides designed with **Romexis®** are easy to use and lead to precise fits. Guided implant surgery and Romexis guides enable implant treatments that are more reliable and accurate than freehand surgery. Treatments still require excellent skill from the surgeon, but there are less surprises."*

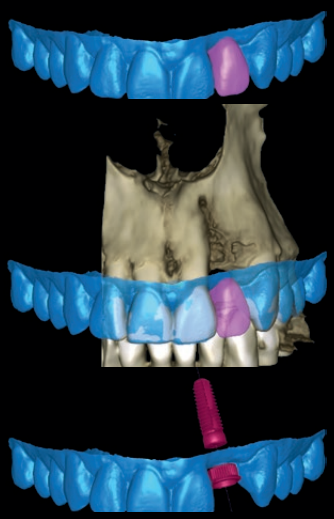
Dr. Ville Pesonen
Oral and maxillofacial surgeon
Kuopio, Finland

Design surgical guides in a few minutes

Tooth-supported guide design

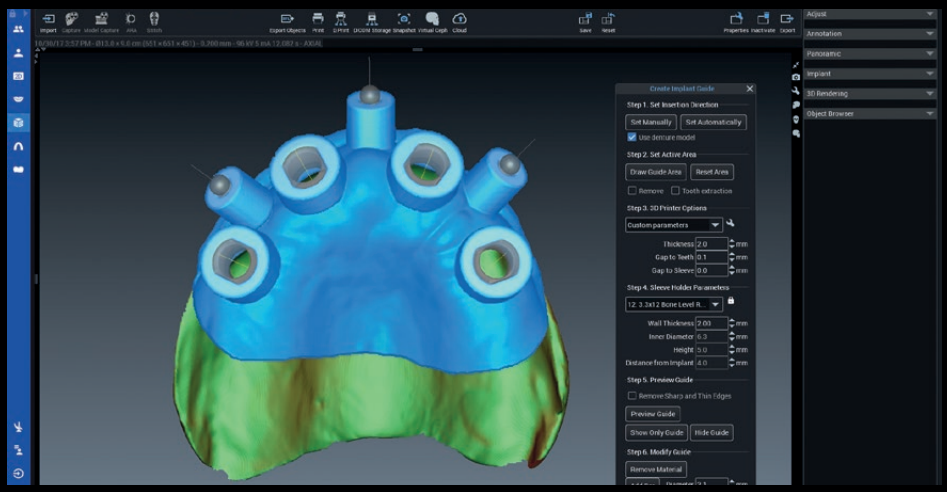
- Superimpose a digital scan and virtual wax-up onto a CBCT image
- Plan an implant with the help of the software's versatile tools
- Design a guide with a few clicks
- Export the guide design in STL format for 3D printing

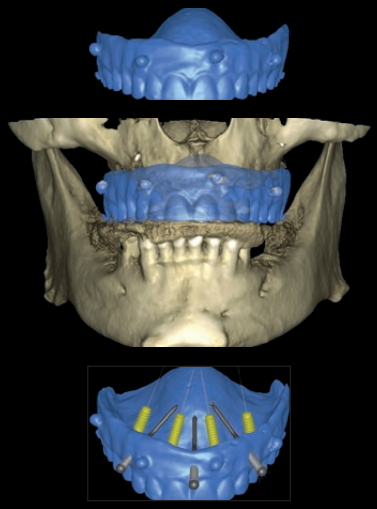




Mucosa-supported guide design

- Superimpose dentures with radiographic markers onto a CBCT image
- Plan the implants and position fixation pins
- Design a mucosa-supported guide with a few clicks
- Export the guide design in STL format for 3D printing





CAD/CAM

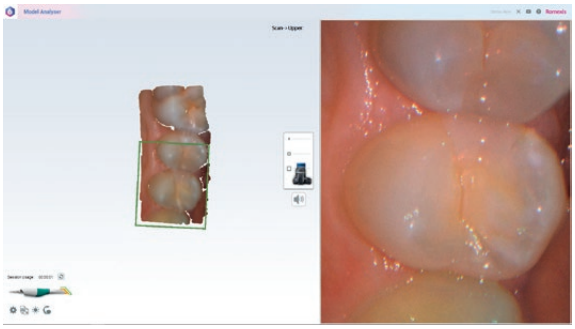
All solutions from scanning, designing, analyzing, and milling

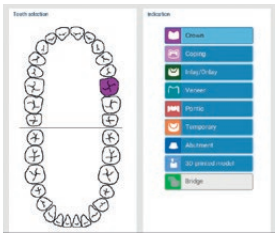
Planmeca offers a comprehensive selection of high-end CAD/CAM solutions for various needs. Different clinical workflows are conveniently carried out from start to finish with our open, top-quality CAD/CAM devices and software. The choice is yours!

Scan

Intraoral scanners

Planmeca Emerald™ S



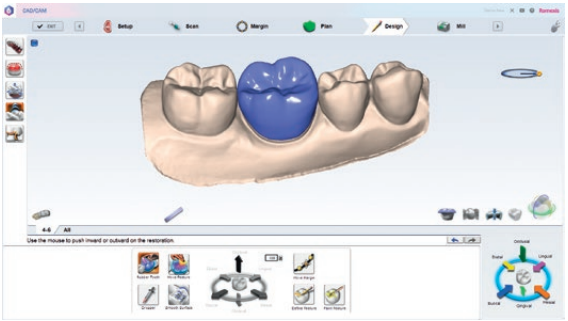


Lab order form

Examine – Analyze – Design

Scanning and analyzing software

Planmeca Romexis® Model Analyser



Scanning and designing software

Planmeca PlanCAD® Easy

Create

Chairside milling unit

Planmeca PlanMill® 30 S

Advanced chairside milling unit

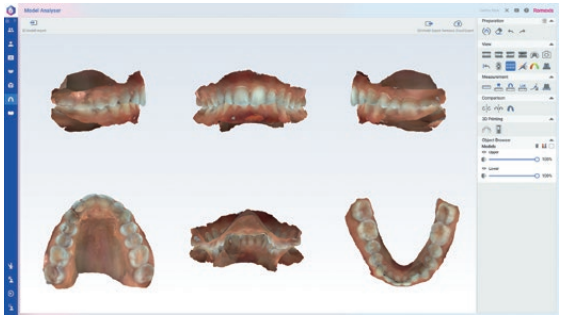
Planmeca PlanMill® 50 S

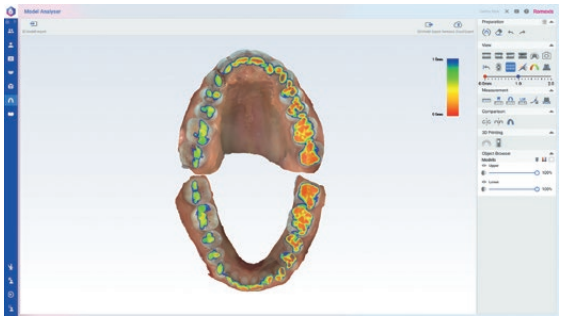
Planmeca Romexis® Model Analyser

Simple module for intraoral scanning, analyzing digital impressions and creating dental models

Key benefits

- Direct intraoral scanning with the **Planmeca Emerald™ S** and **Planmeca Emerald™** intraoral scanners
  - Compatible with several orthodontic solutions – the constantly growing list of all supported orthodontic solution providers is available at planmeca.com/orthocompliance
- Digital models can be examined using predefined views – such as frontal, right, left, rear, open bite, closed bite, and multiple view
- Shows tooth width, arch length, horizontal and vertical overbite, as well as free measurements
- Allows dental model analyses, such as Bolton and Space, as well as bite analyses using an occlusal color map
- Convenient treatment monitoring – models can be compared in a side-by-side or superimposed view
- Preparations for 3D printing of models – such as trimming, adding a virtual base, and closing models
- Digital impressions can be sent to 3rd parties using the **Planmeca Romexis® Cloud** image transfer service





Planmeca PlanCAD® Easy

Efficient software module for intraoral scanning and designing a wide range of prosthetic works

Key benefits

- Simultaneous scanning, designing, and milling
- Easy design of crowns, abutments, inlays, onlays, veneers, and bridges
- Fully automated design process utilizing an anatomical tooth library
  - Automatically adapts to the contact strength specified by the user
  - Cusps, the marginal ridge, and other anatomical shapes are added to the design from adjacent teeth
  - Minimum material thickness is applied to the design for long-lasting results
- Up to 16 teeth can be designed in the same session
- Supports the entire in-house workflow – digital impressions can also be sent to partner labs via the **Planmeca Romexis® Cloud** image transfer service

Compatible with the Windows operating system

Planmeca PlanCAD® Premium

Advanced software to design a wide range of dental applications

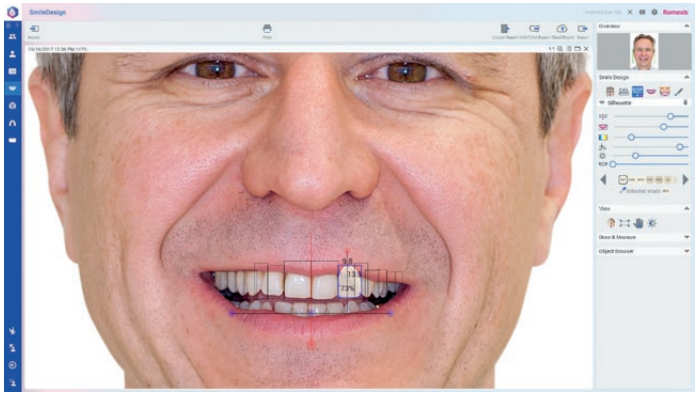
Key benefits

- Design crown and bridges, wax-ups, removable partials, and complete dentures
- Enjoy an open system with the option to import, export and edit a variety of file formats without any restrictions
- Offers incredible versatility making this software an ideal tool to create high-end restorations

The full implant workflow

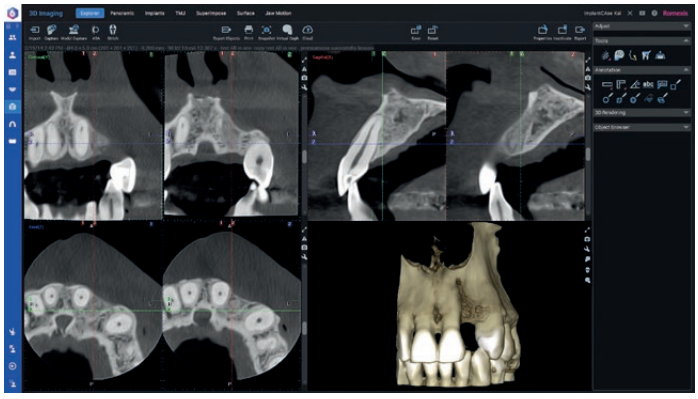
*The **Romexis®** software's complete implant workflow can be summarized in six simple steps. Everything is controlled and completed within the same software platform – from imaging and scanning to designing and implant guide manufacturing.*

1



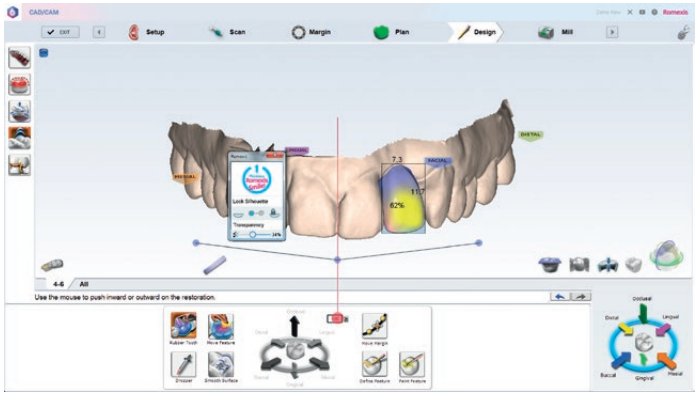
Smile design

2



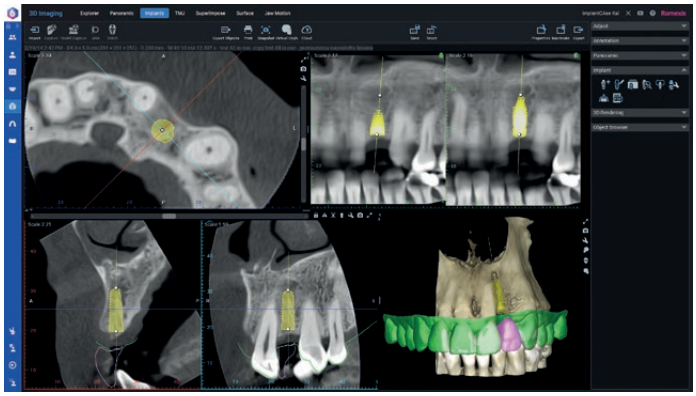
Acquiring a CBCT image

3



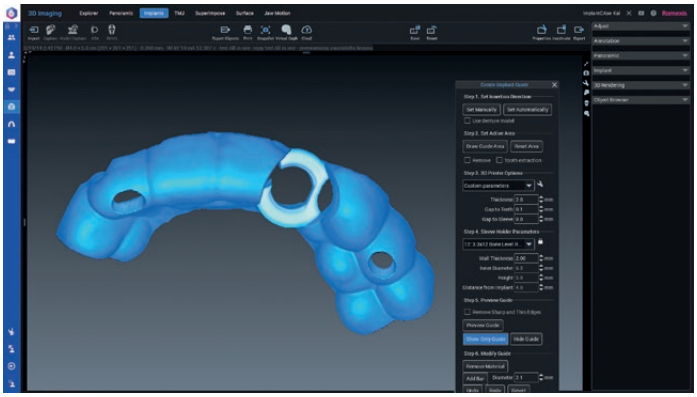
Scanning and virtual wax-up design

4



Implant planning

5



Implant guide design

*"Nothing is as simple to use yet so extremely powerful as **Romexis®**. You can capture intraoral digital impressions with any open scanner and wax using **Planmeca PlanCAD® Easy**. Simply merge your virtual waxup with DICOM data and design a custom surgical guide for worry-free restorative-driven implant placement. All in one seamless software."*

Dr. Walter Renne
Associate Professor
Medical University of South Carolina

Smile design

*The **Romexis® Smile Design** software is ideal for digital smile designing, efficient communication, and fast treatment planning.*

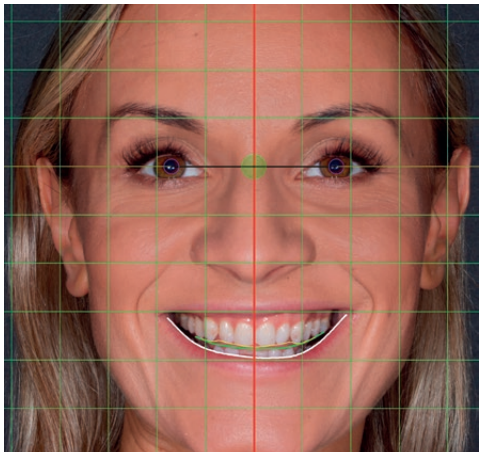
Start your free 30-day trial today!

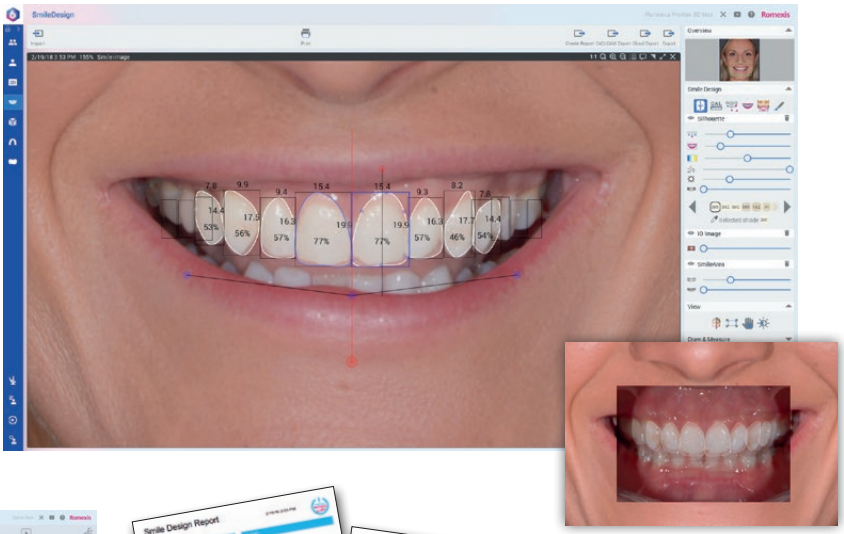
"My patients have also been very pleased to be able to genuinely be part of the process from the start. When the expectations and plans have been carefully reviewed to start with, the end result will more likely meet the expectations of the patient."

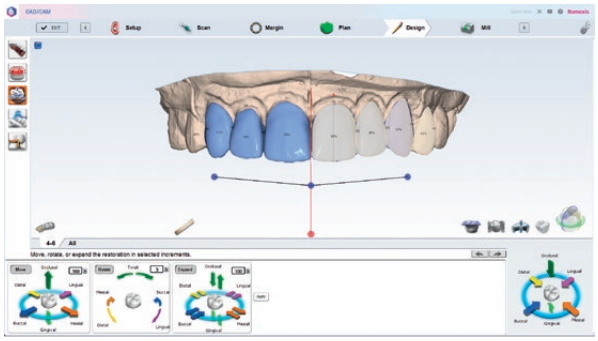
Aki Lindén, CDT
Oral Lindent Hammaslaboratorio
Helsinki, Finland

Key benefits

- Fast and easy to use – a new smile can be designed in 3 minutes using a 2D face photo and intelligent tooth silhouettes
- Case acceptance is increased drastically by improving patient communication
- Team collaboration is revolutionized by communicating visually with other specialists and dental laboratories
- Completed smile designs can be exported to any CAD/CAM software to put the plan into practice
- Designs can be easily sent to patients, other specialists, or dental labs via the **Planmeca Romexis® Cloud** image transfer service







Automatic reports for easy communication

Tools for any type of case

4D jaw motion tracking

Planmeca 4D™ Jaw Motion *is the only true CBCT integrated solution for tracking, recording, visualizing and analyzing jaw movement in 3D – creating a fourth dimension in diagnostics.*

Key components of Planmeca 4D™ Jaw Motion

Planmeca 4D™ Jaw Motion adds a new dimension to 3D data by visualizing a patient's jaw movement. First, a CBCT image is acquired with a Planmeca 3D unit with the patient wearing dedicated tracking devices. Integrated **Planmeca ProFace®** cameras are then used to track lower jaw movements in relation to the upper jaw. All movements are visualized, analyzed, and stored to the **Planmeca Romexis®** imaging software in real time.

Applications

Due to its capability to visualize mandibular jaw and condyle movement, **Planmeca 4D™ Jaw Motion** can be a supporting tool for:

- Temporomandibular (TMD) examinations
- Preoperative planning and postoperative treatment verifications
- Articulator programming

Key benefits

- The only CBCT integrated jaw tracking solution on the market
- Provides incomparable visualization and measurement data of mandibular 3D movements in real-time – also when using the **Planmeca Ultra Low Dose™** imaging protocol
- Movements are visualized in the **Planmeca Romexis®** software without delay
- Movements can be recorded for later use and analysis
- Automatic creation of jaw movement reports in PDF format
- Digital dental models can be aligned with a CBCT image for improved visualization of the occlusion

Planmeca Romexis

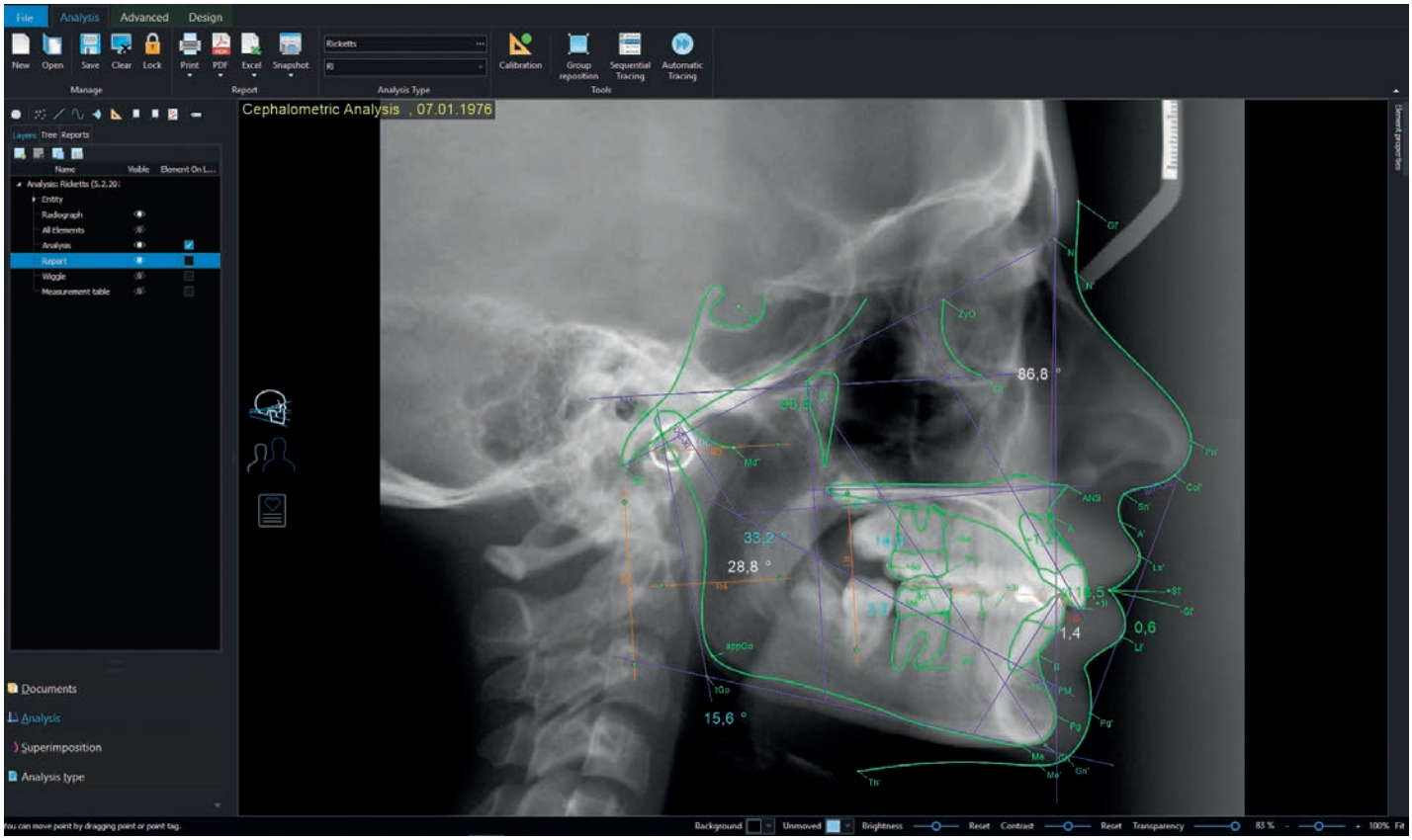
*"I have found the **Planmeca ProFace®** and **Planmeca 4D™ Jaw Motion** features incredibly relevant to my work. A CBCT enriched with 3D photo, 3D models and mandibular dynamics allows me to replicate my patient with extreme precision. Working in a single **Planmeca Romexis®** platform on the models that provide full information makes my clinical results excel."*

Dr. Alvaro Ordonez, DDS
South Miami Family Dental
Florida, United States

Cephalometric analysis

Romexis® Cephalometric Analysis module

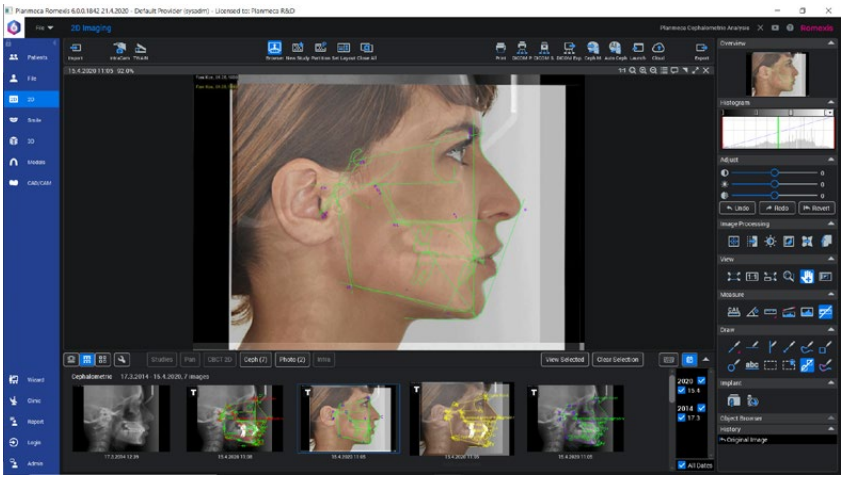
*The **Romexis® Cephalometric Analysis** module includes tools for creating cephalometric analyses and superimpositions, as well as for simulating orthodontic and orthognathic treatments.*



Key benefits

- Cephalometric analyses in a few seconds!
- Automatic landmark identification
- 40+ analysis types included – can also be customized
- Supports lateral, frontal, and arch analyses
- Superimposing tracings, radiographs, and photos
- Cephalometric VTO and prediction image
- Growth analysis

Compatible with the Windows operating system

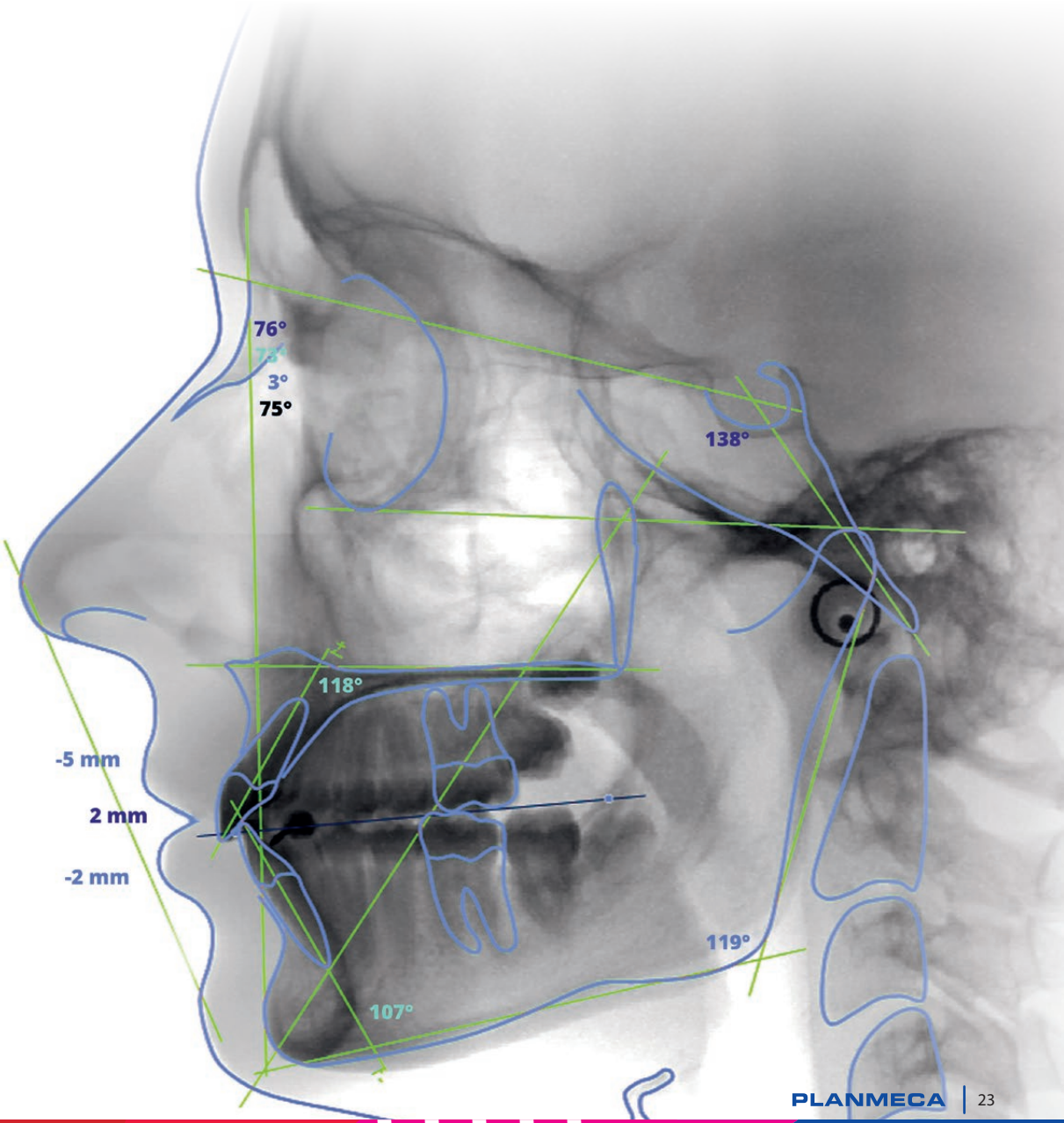


Online automatic analysis service

*Users can also order automatic cephalometric analyses as an online service directly from the **Romexis®** software. The analyses can be downloaded immediately when needed – regardless of time and place.*

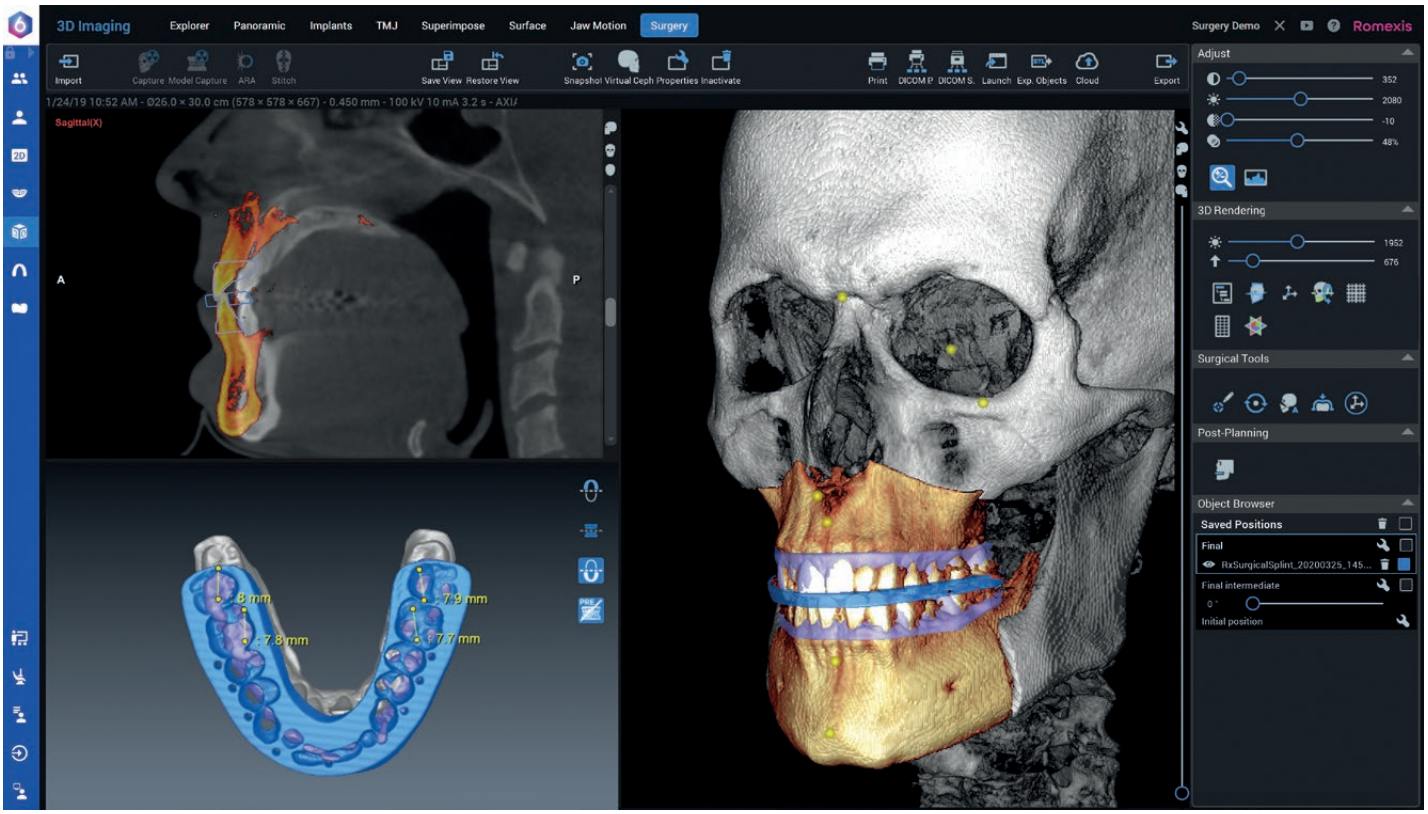
Key benefits

- Automatic cephalometric image tracing online
- Over 50 analyses available for download immediately after tracing
- Direct link from the **Planmeca Romexis®** 2D module to the analysis service
- Pay-per-use – no initial investment needed



CMF Surgery

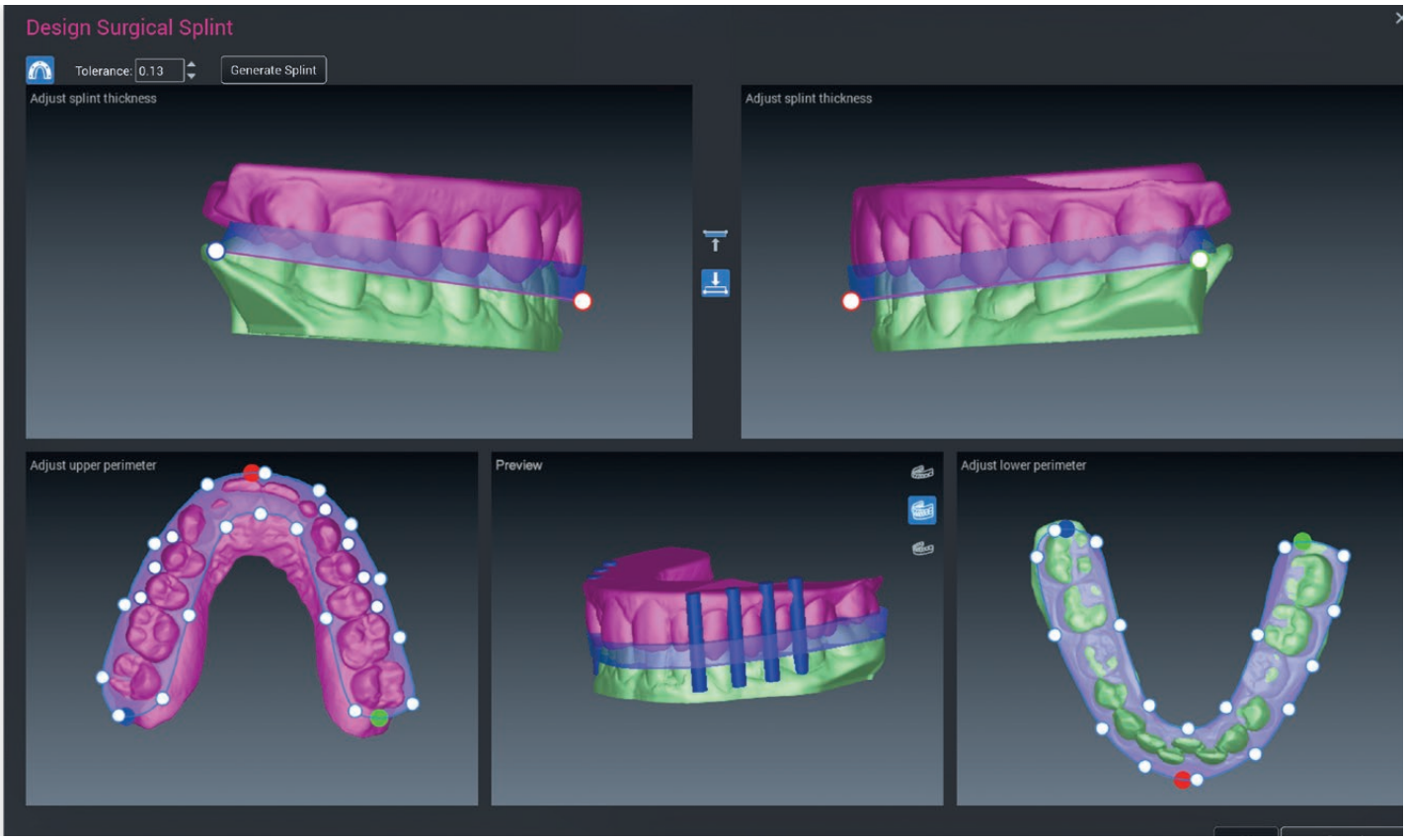
*The **Romexis® CMF Surgery*** module is an advanced tool for surgical teams looking to provide the best possible care. It has been designed for orthognathic surgery planning, with all diagnostic data acquired with and available in the same software – including CBCT images, 2D X-ray images, model scans, and 3D face photos.*



*Planning software available in US, splint design and fabrication coming soon.

Key benefits

- Allows creating a virtual patient by merging 3D data
- Numerous advanced tools for pre-planning:
  - Locate and mark the mandibular nerve
  - Visualize and measure airways
  - Perform TMJ analyses
  - Segment teeth
- Ready-made virtual cutting templates for the most common osteotomies save valuable time
  - BSSO
  - Lefort I, 1-piece and 3-piece
- Marking tooth roots and visualising safety distance to the nearest cut
- Dynamic analyses and measurements comparing preoperative images and virtual plans
- Can design both intermediate and final splints and export them as STL files for 3D printing



Centralized image archive

*The **Planmeca Romexis® Dental PACS** module has been specifically designed for the needs of dental group practices and universities. The capability to store images from 3rd party devices, support for multi-site clinics and the capability to set up a single image archive for all types of images and treatment plans makes Romexis a truly unique software solution.*

3rd party X-ray software integration

The **Romexis® Dental PACS** module enables:

- Storing 2D and 3D images captured with 3rd party devices into Romexis server using DICOM standard commands*
- Support for archiving STL intraoral scans in DICOM standard format
- Querying and retrieving images from Romexis server to make them available in 3rd party X-ray software**

Synchronization of multiple satellite sites

The Romexis Dental PACS module allows :

- Making images available to clinicians and specialists in any location***
- Transferring images, annotations and treatment plans between Romexis servers in different locations
- Flexible architecture adapts to the needs of your business
- Scheduled storage allows data transfer to take place at quiet hours saving daytime bandwidth for more important functions

Enterprise integration

The following functions allow the server level integration of Romexis to enterprise systems and imaging workflows:

- HL7 Messaging Standard support allows the exchange of patient and image information with Romexis server
- DICOM Worklist Broker SCP allows Romexis server to publish imaging referrals to compliant imaging modality software

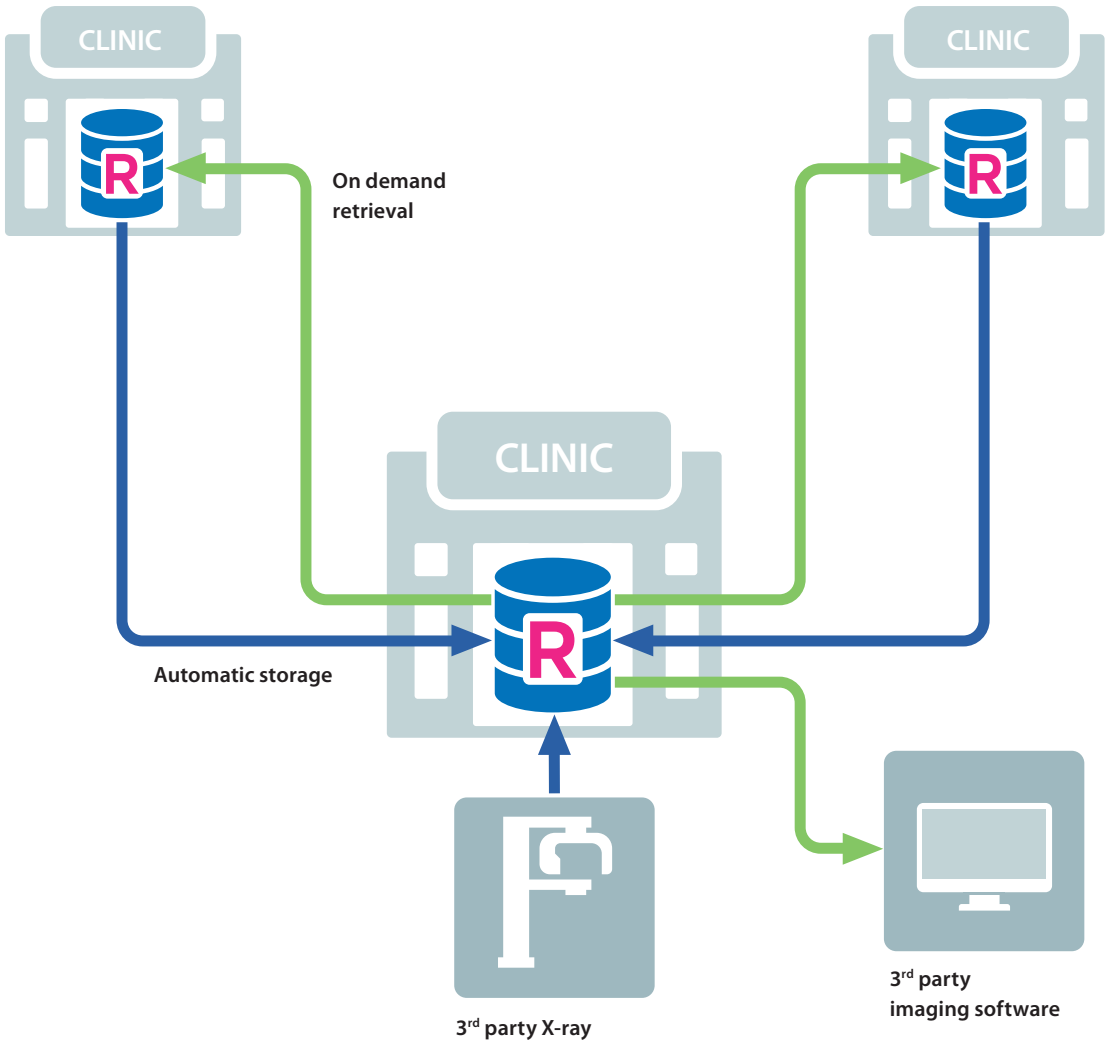
* DICOM Storage SCU support required in the 3rd party imaging software

** DICOM Q/R SCU support required in the 3rd party imaging software

*** Network bandwidth may limit feasibility of 3D image transfer. VPN recommended for connections between sites.

See Romexis DICOM Conformance Statement and Romexis IHE Integration Statement for more

Integrating satellite Romexis sites and 3rd party products to Romexis server using Romexis Dental PACS module



Key benefits

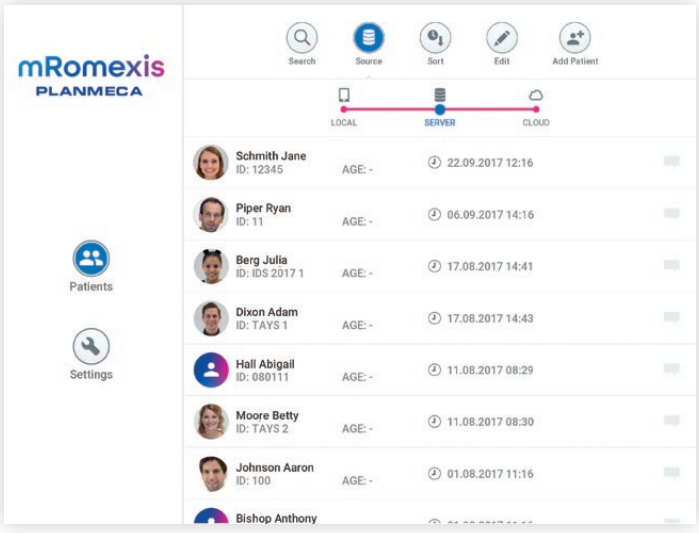
- Single system for all diagnostic, treatment planning and archiving functions
- Device independent image archive including 2D and 3D X-rays and STL intraoral scans
- Server level enterprise integration capabilities
- Best-in-class security, traceability and identity management
- GDPR and HIPAA compliant

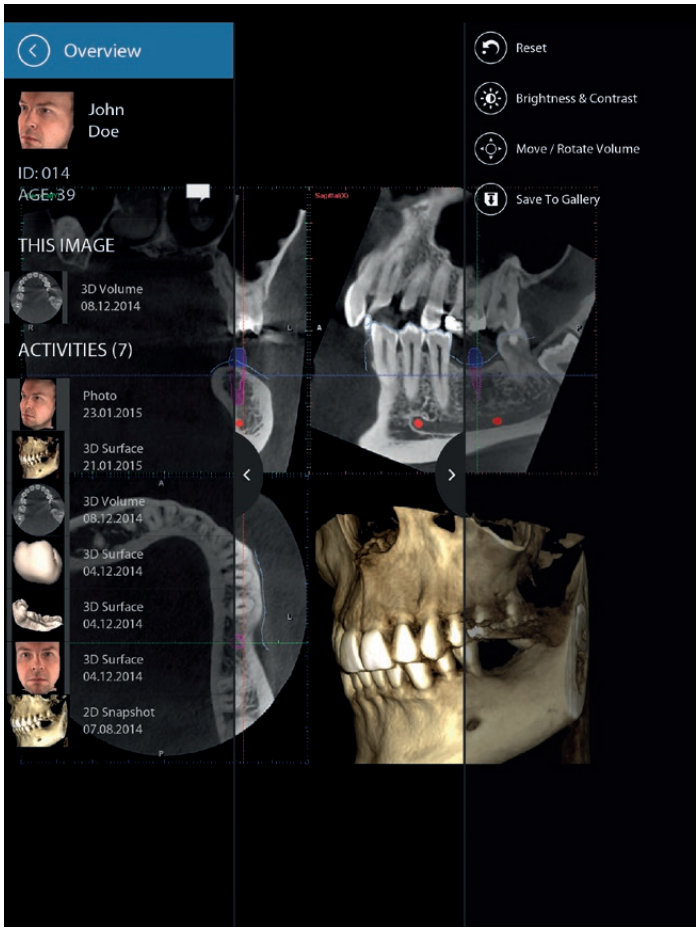
Mobile imaging application

*The **Planmeca mRomexis™** imaging application for iOS and Android allows users to view and capture images on their mobile tablet devices. The application makes consulting with colleagues and communicating with patients easy both in and outside a clinic.*

Key benefits

- Supports an extensive range of images – 2D and 3D X-ray images, 3D dental models, STL files, **Planmeca ProFace®** facial photos, and standard photos
- Direct connectivity with the **Romexis®** server for retrieving or saving images
- Convenient acquisition of 2D X-ray images with Planmeca equipment
- Allows capturing photos with the camera of a mobile device
- Voice annotations to images can be recorded using the mobile device's microphone

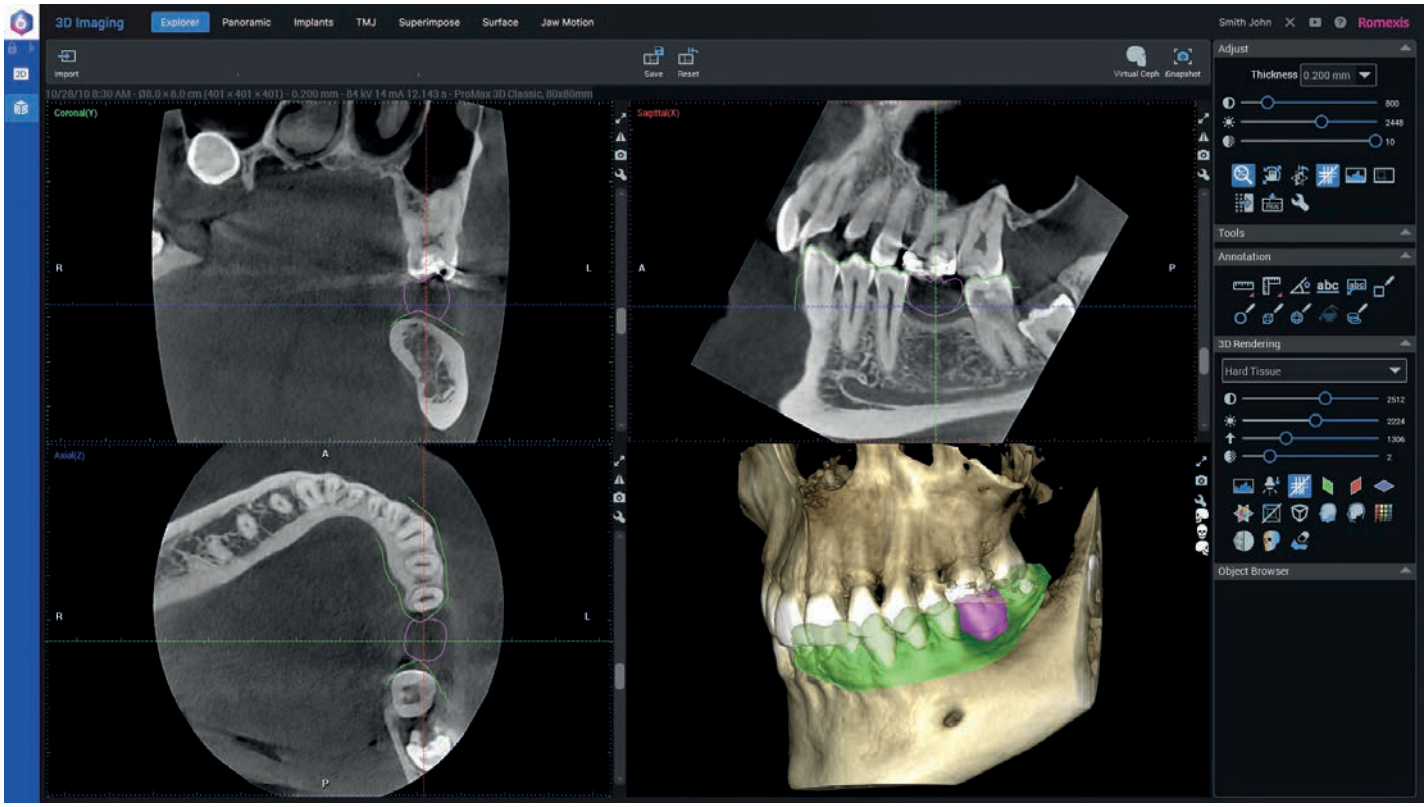




Download the **Planmeca mRomexis™** application for iOS and Android from the App Store or Google Play.

Viewer application

***Planmeca Romexis® Viewer** is a free application that can be exported and sent together with images from **Romexis®**. The application is also available for download on the Planmeca website.*



Key benefits

- Free viewer for all Planmeca 2D and 3D images as well as 4D Jaw Motion cases
- Can be exported from Romexis together with images and automatically written to a USB stick or DVD disc to create a simple standalone package for image viewing
- Allows saving changes made to 3D volumes
- The viewer is capable of decrypting and uncompressing cases sent via the **Planmeca Romexis® Cloud** image transfer service
- Provides a rich set of tools for diagnosing and treatment planning
- The latest viewer version is always available for free at planmeca.com/viewer

Clinic efficiency with networked

All Planmeca dental units, imaging devices and CAD/CAM solutions can be networked with one software platform. This intelligent all-in-one solution allows clinics to generate valuable data on their digital equipment – making it the ideal choice for dental chains.

All devices and software from one place

Planmeca provides dental chains with everything they need – from world-leading dental care and imaging units to innovative CAD/CAM and software solutions. All our devices and software have been designed for exceptional ease of use, offering dental chains a smooth and effortless transition to the world of digital dentistry.

All devices in one network

The **Planmeca Romexis®** software networks all Planmeca equipment, offering exceptional features and valuable data that can be utilized in your business planning. This all-in-one solution enables unforeseen time and cost efficiency, as it allows the entire treatment team to fully concentrate on patients.

A comprehensive IoT solution

Planmeca is the first manufacturer in dentistry to offer a comprehensive IoT solution. Our devices can be connected to the internet, generating unique data that enable advanced analytics and remote monitoring. You can now benefit from real-time information on how the equipment in your dental chain operates and use it for planning your clinic operations wisely. All device data is stored in a cloud environment so that it can be easily accessed and shared by all parties.

Real-time access to valuable device data

Take the efficiency of your clinic to the next level with real-time information on networked equipment usage and events. Our **Romexis® Clinic Management** software offers several quality assurance and service benefits for local users, whereas **Romexis® Insights** allows you to remotely monitor your clinic from anywhere.

Key benefits

- Planmeca's all in one concept – dental units, CAD/CAM solutions, imaging devices, infection control and clinic management solutions all brought together with one comprehensive software platform
- Significant cost-savings with centralized software, quality assurance and preventive maintenance
- A future-proof concept – a platform-based solution with excellent upgradeability

devices

1

Planmeca
Romexis
all-in-one software

Technical specifications

Compatibility

Supported 2D modalities
- Intraoral images
- Panoramic images
- Cephalometric images
- 2D linear tomography
- Photos
- Stack images (CBCT and panoramic slices)

Supported 3D modalities
- CBCT images
- 3D photos
- 3D surface scans

Supported photo sources
- Intraoral cameras
- Digital cameras or scanners (import or TWAIN capture)

Operating systems
- Win 8.1 Pro (64 bit) / Win 10 Pro (64 bit)
- Win 2012 Server to Win 2019 Server
- macOS Mojave (10.14)* / macOS Catalina (10.15)*

For detailed information, please see system requirements for Planmeca Romexis at planmeca.com

Image formats
- JPEG or TIFF (2D images)
- DICOM (2D and 3D images)
- STL, OBJ, PLY (3D surface models)
- DICOM, TIFF, JPEG, PNG, BMP, STL, PLY (imports/exports)

Image size
- 2D X-ray images: 1–9 MB
- 3D X-ray images: typically 50 MB–1 GB

DICOM 3.0 support
- DICOM Import and Export
- DICOM DIR Media Storage

Interfaces
- TWAIN Client
- PMBridge (patient information and images)
- VDDS (patient information and images)
- InfoCarrier (patient information)

3rd party software integrations
- Dolphin Imaging
- NobelClinician
- Simplant
- Straumann coDiagnostiX
- Cybermed N-Liten
- 3D Diagnostics service
- 360imaging service

Supported languages
- More than 20 different languages

* The Cephalometric Analysis module, 3D Ortho Studio module and Planmeca PlanCAD Easy are only supported on Windows operating systems.

Included in the modules

2D imaging

Romexis 2D Standard
- 2D image acquisition with Planmeca imaging devices
- TWAIN acquisition with 3rd party imaging devices
- Support for intraoral, panoramic, and cephalometric X-ray images, as well as 3D snapshots and photos
- Image processing, measurement and annotation tools
- Support for image study templates
- Customisable prefilters for all image types
- Multi-page printing with customer branding
- Imports and exports: DICOM, JPEG, PNG, TIFF, and BMP
- Exports with free Romexis Viewer
- Video, PDF, and document attachments
- DICOM Media Storage (DICOMDIR)
- User management and permissions, including audit trails
- Finding patients by image type, date, or comment
- Assigning patients to users

Romexis Smile Design
- *Romexis 2D Standard*
- Photorealistic simulation of new smiles
- Teeth silhouette with teeth shape library, creating custom shapes
- Grid for edentulous cases
- Tooth shade guide and selection
- Facial analysis tools
- Mapping facial and intraoral photos
- Exports to CAD/CAM or other 3D systems
- Automatic smile design report and custom printing

Romexis 2D Implant
- *Romexis 2D Standard*
- Implant libraries featuring +100 manufacturers
- Generic crown library

Romexis Cephalometric Analysis**
- *Romexis 2D Standard*
- Cephalometric tracing and analyses
- Manual or automatic tracing of anatomical landmarks
- +40 analysis types
- Treatment follow-up using superimpositions
- Orthognatic surgery simulation and prediction image
- Analysis editor

3D imaging

Romexis 3D Standard
- *Romexis 2D Standard*
- Image acquisition with Planmeca CBCT units
- MPR views (axial, sagittal, coronal)
- 3D rendering views
- Pseudopanoramic and cross-sectional views
- Image processing, annotation, and measurement tools
- Imports: DICOM, STL
- Exports: DICOM, STL, OBJ
- Converting CBCT images to STL files
- Segmentation of jaws and tooth
- Segmentation of airways
- Segmentation using region growing
- Nerve canal tracing and root canal marking
- Mapping CBCT images and dental models or any STL file
- Creating virtual cephalometric images
- Creating 2D snapshots and 2D slice stacks
- Support for Planmeca 3D photos
- Mapping CBCT images and 3D photos
- Superimposing 3D photos
- Shaping 3D photos
- Multi-page printing with customer branding
- Launch for external applications (Dolphin, Co-Diagostix, Simplant, Nobel Clinician etc.)

Romexis 3D Advanced
- *Romexis 2D Standard*
- *Romexis 3D Standard*
- TMJ views
- Superimposing two CBCT volumes

Romexis 3D Implant
- *Romexis 2D Standard*
- *Romexis 2D Implant*
- *Romexis 3D Standard*
- *Romexis 3D Advanced*
- Implant planning tools (alignment, implant extension, implant safety areas)
- Implant centric views
- Implant libraries featuring +100 manufacturers
- Abutment libraries and a generic abutment designer
- Generic crown library
- Implant verification tool
- Automatic implant reports

Romexis 3D Implant Guide
- *Romexis 2D Standard*
- *Romexis 3D Standard*
- *Romexis 3D Advanced*
- *Romexis 3D Implant*
- Implant guide design tools for tooth supported guides
- Implant guide design tools for mucosa supported guides
- Presets for 3D printers
- Automatic Implant and sleeve report
- STL export for guides

Romexis 4D Jaw Motion
- *Romexis 2D Standard*
- *Romexis 3D Standard*
- *Romexis 3D Advanced*
- 4D Jaw motion recordings
- Jaw movement visualisation and analysis tools

Romexis CMF Surgery
- *Romexis 2D Standard*
- *Romexis 3D Standard*
- *Romexis 3D Advanced*
- Ready-made virtual cutting templates for; BSSO, Le Fort I, Genioplasty
- Dynamic measurements and analyses
- Preoperative to virtual plan superimposition
- Creating intermediate and final splints, STL export
- Ordering custom implants and splints from Planmeca ProModel service

CAD/CAM

Romexis Model Analyser
- *Romexis 2D Standard*
- Scanning with the Planmeca Emerald or Planmeca PlanScan intraoral scanners **
- Taking 2D snapshots with the scanners **
- Model orientation and viewing
- Contact map calculations
- Tooth width, arch length, and free measurements
- Bolton and space analyses
- Model base creation
- Comparison of scans
- Import sand exports: STL
- Creating lab order forms (PDF)

PlanCAD Easy – Scan**
- *Romexis 2D Standard*
- Scanning with the Planmeca Emerald or Planmeca PlanScan intraoral scanners
- Taking 2D snapshots with the scanners
- Marking margin lines
- Exporting scans: STL, PLY
- Creating lab order forms (PDF)

PlanCAD Easy – Design & Mill**
- *Romexis 2D Standard*
- Designing inlays, onlays, veneers, crowns, and bridges
- Automated design from an anatomic tooth library
- Importing scans and restorations (STL) for designing and milling
- Milling restorations with the Planmeca PlanMill 40 S or Planmeca PlanMill 30 S milling units
- Exporting restorations (STL, PLY, .3OXZ, .xml)

PlanCAD Easy – Complete**
- *Romexis 2D Standard*
- *PlanCAD Easy – Scan*
- *PlanCAD Easy – Design & Mill*

PlanCAD Easy – Mill only**
- *Romexis 2D Standard*
- Importing restorations (STL) for milling with the Planmeca PlanMill 40 S or Planmeca PlanMill 30 S milling units

PlanCAD Premium Custom – Design & Mill**
- *Romexis 2D Standard*
- Designing crowns, inlays/onlays, veneers, bridges, frameworks, implant bridges/bars, diagnostic wax-ups
- Includes: smile creator, model creator, virtual articulator
- Automatic margin detection, automated design from an anatomic tooth library
- Importing scans and restorations (STL, PLY, and other native files) for designing and milling
- Milling restorations with the Planmeca PlanMill 50 S milling unit
- Exporting restorations (STL or PLY)

PlanCAD Premium Ultimate – Design & Mill**
- *Romexis 2D Standard*
- Designing crowns, inlays/onlays, veneers, bridges, frameworks, implant bridges/bars, diagnostic wax-ups, provisionals, bite splints, removable partials, dentures
- Includes smile creator, model creator, virtual articulator, tooth library ZRS, DICOM viewer r
- Automatic margin detection, automated design from an anatomic tooth library
- Importing scans and restorations (STL, PLY, and other native files) for designing and milling
- Milling restorations with the Planmeca PlanMill 50 S milling unit
- Exporting restorations (STL or PLY)

Clinic efficiency

Romexis Clinic Management
- *Romexis 2D Standard*
- Real-time monitoring of Planmeca devices
- Logs and summaries of device usage
- Bi-directional communication for dental units
- Integrated quick guides

DICOM options

DICOM Print
- DICOM Print SCU

DICOM Full
- DICOM Print SCU
- DICOM Storage SCU
- DICOM Worklist SCU
- DICOM Query/Retrieve SCU
- DICOM Storage Commitment SCU
- DICOM MPPS

DICOM Dental PACS
- *DICOM Full*
- DICOM Storage SCP
- DICOM Query/Retrieve SCP
- DICOM Storage Commitment SCP
- DICOM Worklist Broker SCP
- Access control
- Event logging
- Resend capability

HL7 Standard Messaging
- IHE IT Infrastructure profiles for document and patient handling
- IHE Radiology profiles for imaging and reporting

Romexis Cloud
- Secure transfer of cases including images and treatment plans
- Sending of cases Romexis-to-Romexis using integrated case tracking
- Sending of cases from Romexis to any email recipient

** Support for the Windows operation system only

Planmeca Oy designs and manufactures a full line of industry-leading dental equipment, including 3D and 2D imaging devices, CAD/CAM solutions, dental care units and software. Planmeca Oy, the parent company of the Finnish Planmeca Group, is strongly committed to better care through innovation, and it is the largest privately held company in the field.

Follow us on social media!

PLANMECA

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