NEWISE

EN

Integrated intelligence, **digital clinical support**.

Your complete digital assistant.

In the **constantly-evolving** medical sector, there's a growing need for digital tools that make everyday tasks more efficient and improve the quality of care provided to patients.

Neowise is an **innovative** software designed to **assist practitioners** as they perform their daily routines by integrating **advanced functions** that streamline clinical and communication tasks.

Single interface

Centralised data management lets you access a patient's images, X-rays, renderings, videos and documents via a single interface, streamlining the decision-making process and smoothing cooperation between teams from different departments.

Simple and user-friendly

Users can browse the software's features with ease via an interface that is designed to enhance efficiency and reduce learning times.

Backup Retention

The software provides storage options and automatic backup of patient images and data.

Versatility

Neowise interfaces seamlessly with a wide range of third-party devices and software, ensuring uninterrupted workflows. It supports standard protocols such as DICOM for medical imaging and also provides several tools that allow advanced customisation.

Customised user profiles

Interface and functions can be adapted to your specific needs thanks to user profiling: permissions and access to functions can be customised according to the roles and preferences of each user in the practice.

Artificial Intelligence

Process automation, powered by several patented AI functions, helps reduce operating times, improving efficiency and reducing workloads.

Data traceability

The system ensures full traceability of both patient and user data, including a patient-specific dose register.

Privacy and security

The software is designed to comply with the most stringent international privacy and data security standards and ensure confidentiality, integrity, and availability of the device.

A software for everyone.

Whether used in a small practice or a large clinic, **the software adapts to growing digital demands** by incorporating customisation tools/features that respond to the needs of **different facilities** and **specialisations**.

Fields of application

- Medium/large X-ray centres
- Small, medium-size and large clinics
- Dental practices
- Hospitals
- Field hospitals
- Universities

Specialist areas

- Conservative surgery
- Maxillofacial surgery
- Prosthetic surgery
- Endodontics
- Gnathology
- Implantology
- Cosmetic dentistry
- Prosthetic dentistry
- Orthodontics
- Parodontology
- Radiology

Types of data managed

- Panoramic images
- Ceph imaging
- Intraoral X-ray images
- CBCT
- Patient images and photographs
- Face scans, capture with intraoral scanner
- Patient-specific documents (e.g. clinical assessments, reports)
- Video

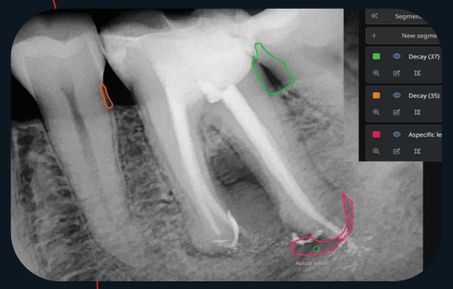
Possible to configure access with dedicated permissions for:

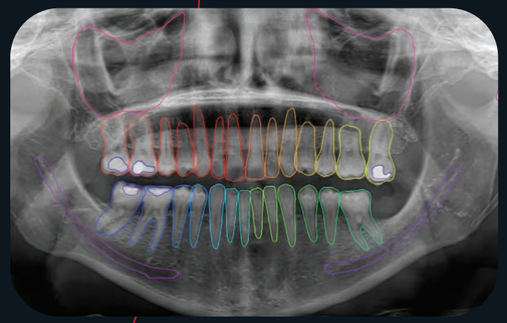
- Medical personnel
- Assistants
- X-ray screening experts
- Technical support

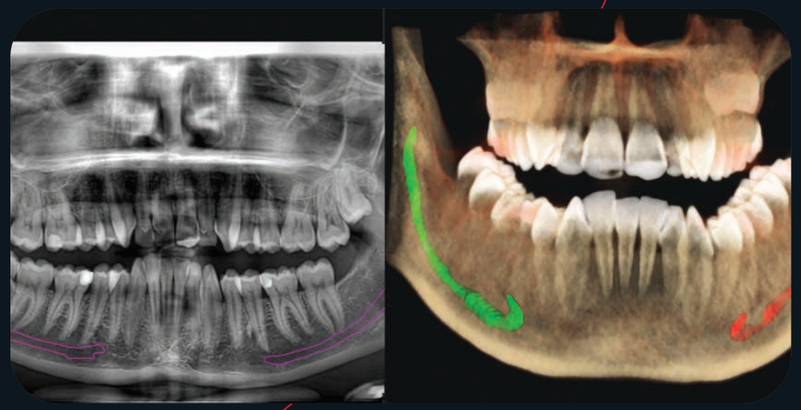
2D Viewer

Ability to simultaneously view and compare multiple 2D and 3D images of any type compatible with the viewer. This streamlines comparison of clinical information and enhances diagnostic capacity.

Powerful AI tools, such as patented anatomical and pathological segmentation for both panoramic images and intraoral X-rays, provide valuable support for clinical analyses.







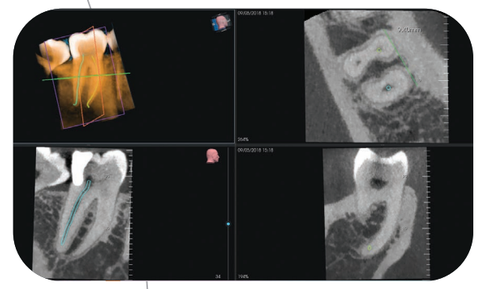
3D Viewer

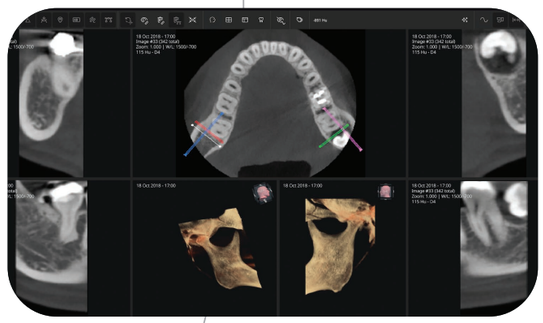
Comprehensive merging of 3D data allows for the combined display of CBCT, Facescan and intraoral scans.

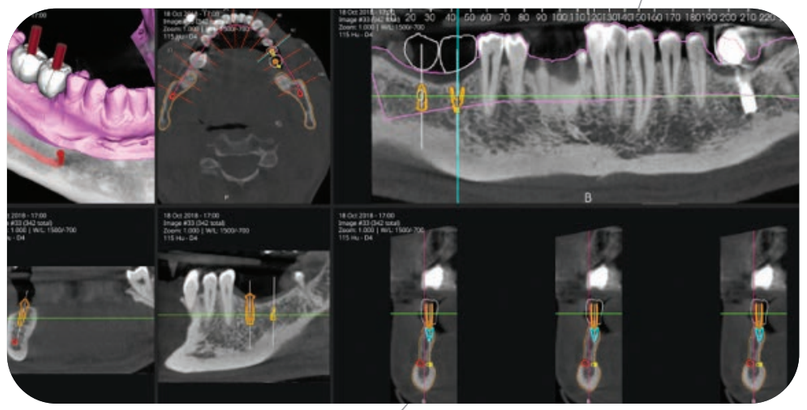
Specific views for Endodontics, Implantology and analysis of the temporomandibular joint.

Segmentation tool to create tooth surface models and arch models.

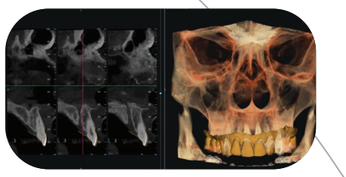
Root canal tracing, implant placement, insertion angle assessment and preview of aesthetic outcomes, with relative simulation of dental crowns.

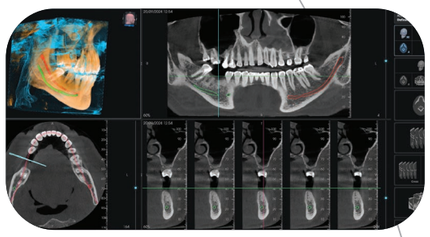


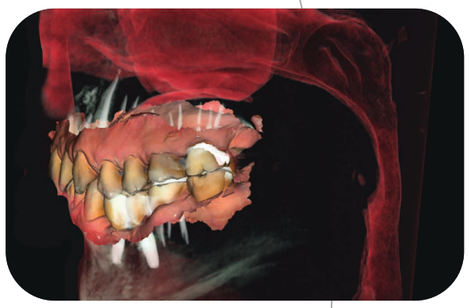


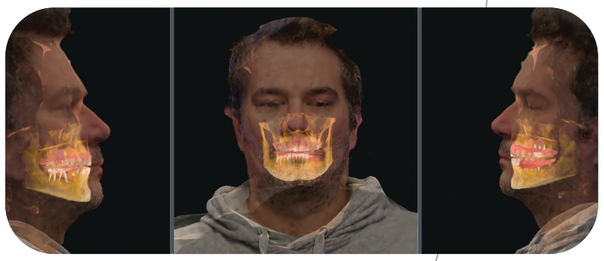


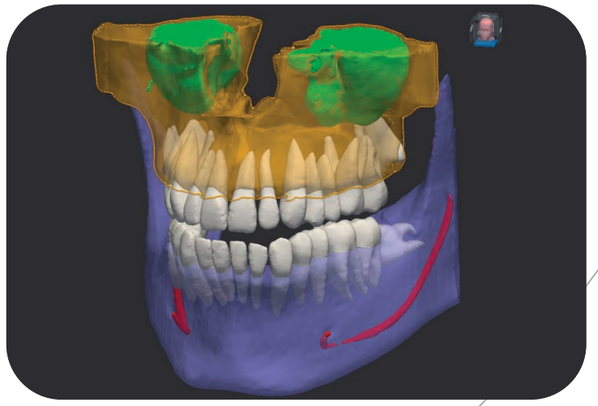
3D Viewer





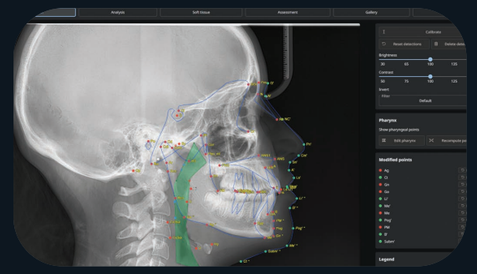


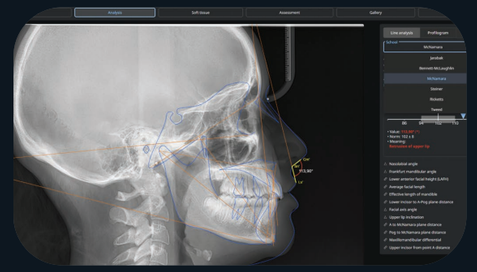


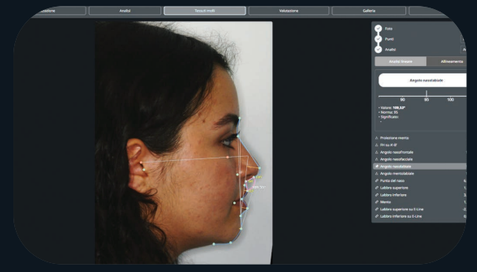


An **AI-powered** practice optimises workflows, offering functions that allow **tracing of the mandibular nerve** and the **panoramic arch**, automatic matching of intraoral scan and CBCT and segmentation of anatomical elements in CBCT.

Cephalometry module



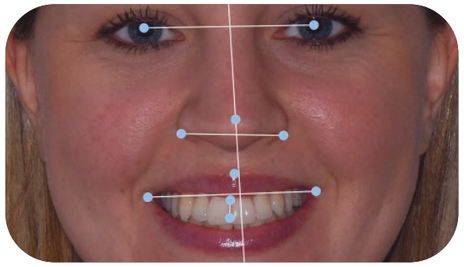


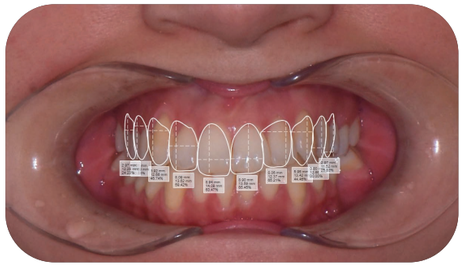


The cephalometry module uses AI to automatically identify cephalometric points and make a detailed analysis in just a few seconds.

- Cephalometric analysis, with users able to select from among different schools: Jarabak, Bennett-McLaughlin, McNamara, Steiner, Ricketts, Tweed, Downs.
- Patented AI-powered analysis of the Pharynx and related analysis of Obstructive Sleep Apnoea Syndrome (OSAS).
- Possibility of AI-powered overlay of patient photo onto X-ray image.

Smile Design module





The Smile Design module lets you simulate the aesthetic results of dental procedures such as restorations and prosthetics. Being able to preview the aesthetic result also streamlines patient-dentist communication.

Thanks to **artificial intelligence**, the software analyses the patient's photos and automatically suggests the best aesthetic simulations. This makes it easier to communicate with the patient and improves the accuracy of the previewed results.

Minimum system requisites

Requirements For Acquisition Stations Secondary 2D Processing Stations

For more information on the hardware configuration, please refer to the “Minimum and recommended system requirements” document.

Operating System	Windows 10 Pro 64 bit build v22H2 Windows 11 Pro 64 bit build v24H2 (recommended)
Processor	Intel i3-12100 (3.3Ghz) 12th gen Intel i3-14100 (3.5Ghz) 14th gen (recommended)
Hard Disk	256 GB SSD (or higher) 512 GB SSD (recommended)
System Memory	16 GB (or higher) 32 GB (recommended) [1]
Video Card	Integrata
Monitor	Wide Monitor 1344 x 768 pixel (or higher)
Additional Devices	1 Network card 1Gbps [2]

[1] 16GB RAM is the minimum requirement for the exclusive operation of the Neowise software with the 3D viewer set to low quality.
[2] Card required only in case of an acquisition station directly connected to the device.

requirements for acquisition stations secondary 3D processing stations

For more information on the hardware configuration, please refer to the “Minimum and recommended system requirements” document.

Operating System	Windows 10 Pro 64 bit build v22H2 Windows 11 Pro 64 bit build v24H2 (recommended)
Processor	Intel i5-13500 (2.5Ghz) 13th gen
Hard Disk	500 GB SSD 1 TB SSD (recommended)
System Memory	16 GB [1] 32 GB (recommended)
Video Card	AMD Radeon Pro W6400 4GB [2] [3] NVIDIA RTX2000 Ada 16 GB (recommended)
Monitor	Wide Monitor 1344 x 768 pixel (or higher)
Additional Devices	1 Network card 1Gbps [4]

[1] 16GB RAM is the minimum requirement for the exclusive operation of the Neowise software with the 3D viewer set to low quality.
[2] Correct operation of the Neowise software is not guaranteed when using video cards with lower technical specifications.
[3] Some AI features of the Neowise software might not be supported.
[4] Card required only in case of an acquisition station directly connected to the device.

CE 0051

TWAIN compliant

IHE CONNECTATHON SEAL EUROPE 2026 IHE SWF.b Scheduled Workflow.b

NEWISE

The images and technical specifications shown in this catalog are for indicative purposes only. As part of ongoing technological updates, technical specifications may be subject to changes without prior notice. In accordance with current regulations, in non-EU areas some products, as well as certain technical specifications, may have different availability and configurations. We encourage you to always contact your local distributor for up-to-date technical specifications, availability and configurations.

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Making Your Life Better.

BU Medical Equipment
Sede legale ed amministrativa
Headquarters

Cefla s.c.
Via Selice Provinciale, 23/a
40026 Imola - Bo (Italy)
tel. +39 0542 653111
fax +39 0542 653344

Stabilimento
Plant

Via Bicocca, 14/c
40026 Imola - Bo (Italy)
tel. +39 0542 653441
fax +39 0542 653601