



VISIONX

VISIONX®

The heart of your digital practice
Simple, intuitive and tailored to your needs





Self-explanatory and efficient

The imaging software for digital workflows in dental practices

From acquiring and editing radiographs and camera images to sharing images via the cloud and planning implants and drill templates – VisionX brings together all of the different threads of dental imaging. The latest generation of highly efficient imaging software offers a range of additional modules and maps the complete digital workflow of your dental practice. Thanks to the one-click principle, VisionX is quick to learn and intuitive to operate. The design has also been optimised for professional diagnostics so that it offers you the best-possible support. VisionX is networkable and works with all current digital X-ray systems and intraoral cameras from Air Techniques. You can also integrate third-party scanning units via a TWAIN interface.

Key Features

- One-click principle – all of the main functions are only a single mouse click away
- Self-explanatory icons for intuitive operation
- Ergonomic design with simple and well thought-out workflows for efficient operation
- Modern saving concept – changes are saved automatically



All important features are just one click away

The one-click principle makes VisionX extremely ergonomic and efficient to use. With just a single click of the mouse, you can activate devices for image acquisition, scan in an image plate, open an image, perform image processing and much, much more. This not only accelerates the workflow with VisionX, but also increases reliability. This will make your work faster than ever before.

Modern saving concept

Self-explanatory icons make for even more intuitive handling. In addition, changes to settings are saved automatically, along with inputs and the image status. This makes everything even faster than before and helps to prevent mistakes being made.

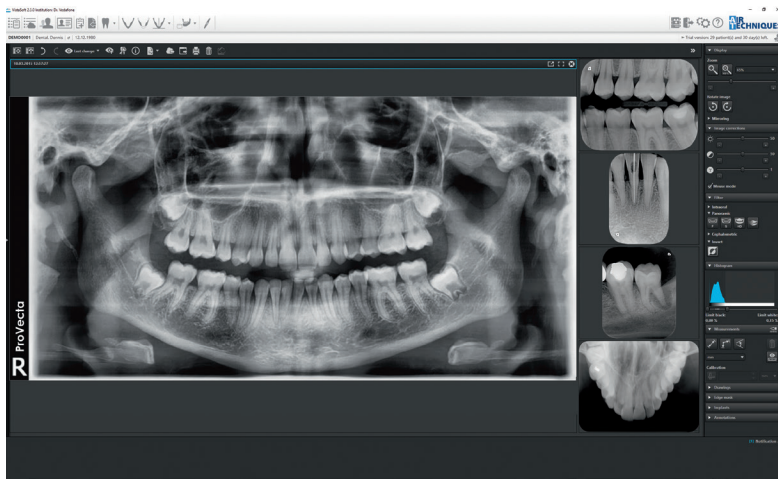
Easy image comparisons on the light table

Display video, X-ray and 3D images on a shared digital light table. This will enable you to consult a wide range of different X-ray images for diagnostics. Similarly, all notes created in a layer of a CBCT image can be located with the aid of a list, with no time-consuming searches. One click switches the view to the corresponding layer. The integrated visualisation of implants will help you when communicating with your patients.

The modules of VisionX at a glance:

- ☐ **VisionX Basic:** Viewing images
- ☐ **VisionX X-ray:** Acquisition and editing of X-ray images
- ☐ **VisionX Video:** CamX functions
- ☐ **VisionX Inspect:** Inspection tool for acceptance tests and consistency checks, as well as for monitor tests and image plate quality checks
- ☐ **VisionX DICOM Starter:** Connection to DICOM systems
- ☐ **VisionX 3D:** Viewing and acquiring CBCT images

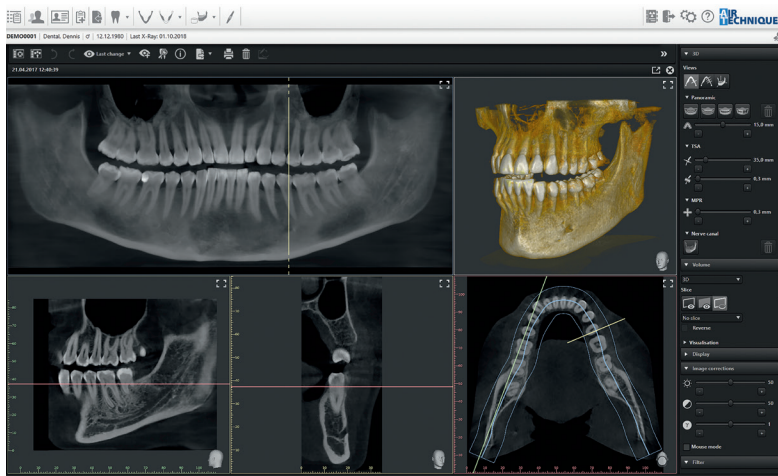
Viewing and editing X-ray images with VisionX



VisionX X-ray

The VisionX X-ray module is compatible with all current X-ray and scanner systems from Air Techniques. The software enables fast and reliable use of digital X-ray systems with highest image quality.

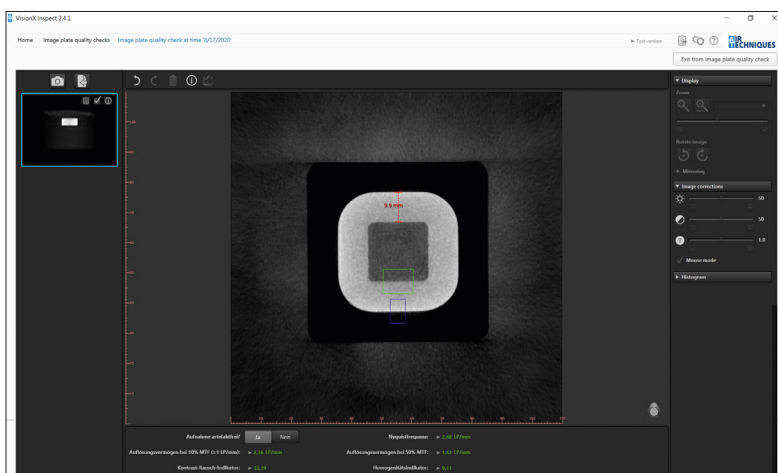
Use the Endo, Caries and Perio digital filter functions as diagnostic aids to adjust the contrast and sharpness of your radiographs so that the images reveal more diagnostic information.



VisionX 3D

VisionX 3D offers different views for your diagnosis of CBCT images: panoramic views, transversal layer images (TSA) and multiplane reconstruction (MPR). These can be rotated and tilted for perfect alignment. In the process, a 'navigation head' always displays the current position so that orientation is much easier.

The rendered OPG view provides you with even more assistance when navigating the 3D volume. The panoramic curve required for this is automatically positioned by VisionX. Selection of the correct implant is facilitated by the easy process of drawing the nerve canal in the image.



VisionX Inspect

Safety first. This is why VisionX Inspect allows you to perform monitor tests, acceptance tests and consistency checks very easily. In addition, VisionX Inspect offers the opportunity to continuously check the condition of your image plates with the aid of the image plate quality check*. This will help you to ensure that the exceptional quality of the Air Techniques systems is continuously monitored and maintained.

*The image plate check is compatible with the latest Air Techniques image plate scanners.



VisionX Video

Start, view, edit: with VisionX you can easily control all current camera systems from Air Techniques. Here, alongside intraoral, extraoral and macro images, you also have access to additional functions to help you with your diagnosis. The Spectra function can be used for reliable detection of caries and plaque. The Proxi function will help you with the diagnosis of approximal caries.

VisionX DICOM

Diagnostic exchange, interdisciplinary assessment of findings, co-treatment by colleagues: with the DICOM interface from VisionX you can very easily receive patient data from DICOM systems and send images to DICOM systems. In the process, VisionX supports DICOM Modality Worklist for receiving order data and DICOM Storage for sending images.

VisionX: System Requirements

Version 2.0 or higher

CPU:	≥ Intel Core i3
RAM:	≥ 4 GB
Operating systems:	Microsoft Windows 7 (Home Premium or above), SP1 and additionally update KB3033929, recommended: KB2921916 Microsoft Windows 8.1 (not Windows RT) Microsoft Windows 10 (Pro or higher) Microsoft Windows Server 2012 Microsoft Windows Server 2016
Hard disk:	Workstation (without database) ≥ 50 GB The database memory requirements depend on the number of images taken at the surgery in question. (Camera image: approx. 1 MB, X-ray image: approx. 2 MB – 10 MB, CBCT: 200 – 300 MB)
Drive:	DVD ROM
Data backup:	Daily data back-up
Interface:	Ethernet ≥ 100 Mbit
Graphics card:	Min. resolution ≥ 1280 x 1024, Depth of colour 32-bit, 16.7 million colours Recommended for 3D X-ray images: NVIDIA GeForce 750 2 GB
Diagnostic monitor:	In accordance with DIN 6868-157, room category 5 or 6 (depending on the requirements)
Notes:	Data migration is possible from an existing DBSWIN installation into VisionX from DBSWIN 5.11 or higher. VisionX Implant & Guide in conjunction with exocad GmbH.

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PN 9922-584 Rev. A

