VISARIS

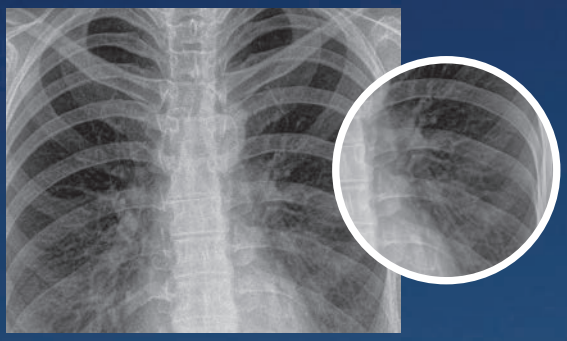
VISION V

Flexible and smart

Visaris Technology

VISARIS

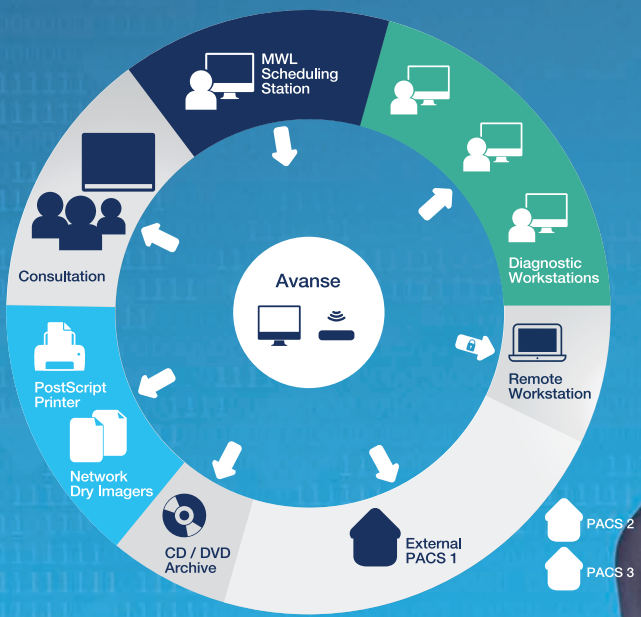
AVANSE
Imaging and workflow



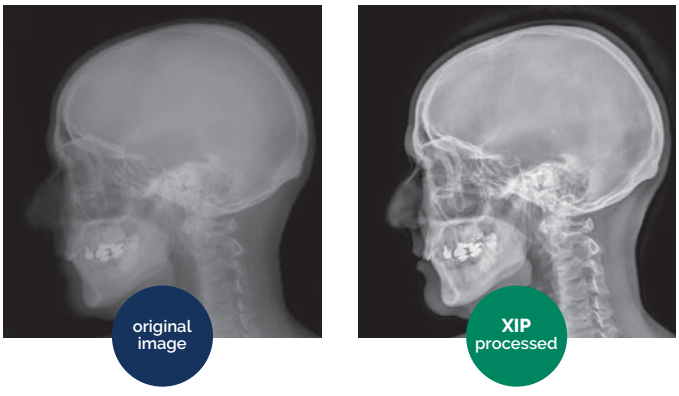
All digital VISION devices use a powerful AVANSE software system that enables radiologists and technicians perform full body radiography exams using their fingertips. From patient scheduling to, system positioning, acquisition, archiving, viewing and editing images AVANSE seamlessly navigates you through its intuitive user interfaces, in and out of the exam room.

AVANSE uses only highest performance flat panel technology along with reproducible, advanced image processing algorithms. High detector sensitivity, (DQE), allows significant dose reduction, while pixel size of fewer than 150 microns and digital conversion of up to 65,536 grey levels provide exceptional structural contrast and crystal-clear images.

Beyond image acquisition, a system with added options also performs the role of RIS, PACS and workstations to support a complete radiology workflow that includes other DICOM diagnostic modalities like CT, MRI, US and others.



VISION V



A higher range of motion

VISION V is a modular X-ray system with the standard configuration of floor-mounted tube stand, vertical bucky stand and bucky table. With a range of advanced safety workflow and positioning features, VISION V is a high-performance DR system offering an unparalleled price-performance ratio.

Modular stand design with optional motorisation can perform a wide range of general and specialised radiographic imaging in standard, chest only, table only or ER (mobile table) configurations. System console on the tube stand allows remote setting of the generator, collimator and worklist for efficient workflow.

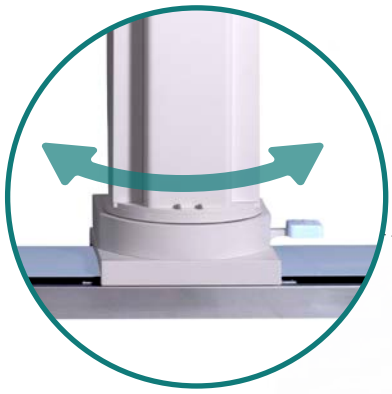
VISARIS

Available on **VISION V**

- **Motorised vertical and horizontal detector tracking**
- **5-field AEC chambers**
- **Motorised collimation controls on the vertical stand**
- **Easy detector sharing with mobile or other DR rooms**
- **Automatic exposure adjustment with (changeable)**
- **SID and grid**
- **Flexible detector configurations: fixed, portable,**
- **wireless 35x43, 43x43**

Visaris products run on proprietary software making us truly unique. Motion and position robotics, image acquisition, PACS, RIS, workstations, AI tools and other software applications inside a VISION device are centrally controlled and easy to support remotely.

All-release capacitive sensor on the handle



Column rotation around the vertical axis + / - 180°

Safety interlock when the tube is not synchronised with detectors

Touch screen
tube-side console
for system control

Minimum height
from floor to center
of detector - 28cm

Integrated smart bucky
with detector charging,
rotation and removable grid

VISARIS

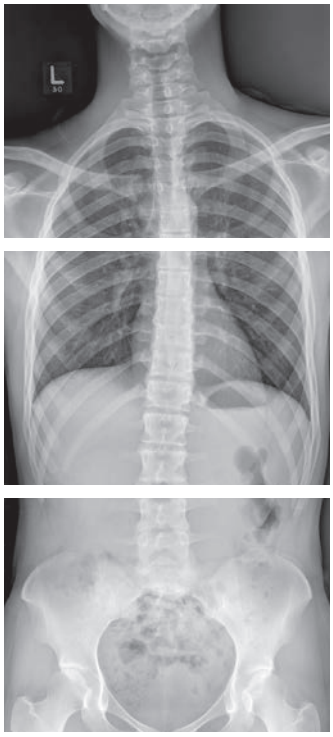
All Visaris products run on proprietary software making us a truly unique one-stop shop:

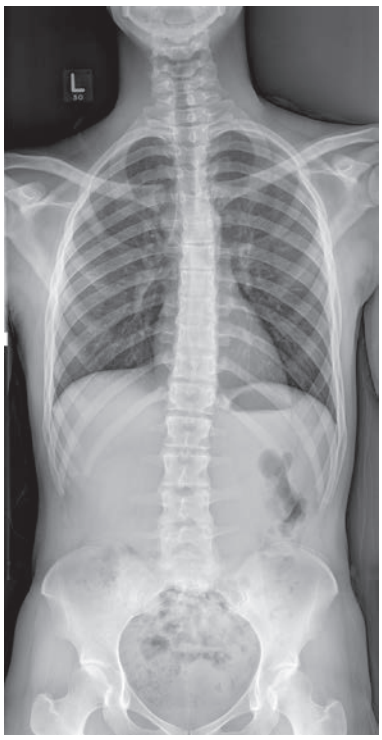
Motion and position robotics
Image acquisition
PACS, RIS
Workstations

Image stitching module

Long anatomy imaging from several already acquired individual exposures with an Automatic Stitching Module allows you to visualise long anatomy exposures such as spine in a single image and perform measurements much larger than the active area of your flat panel detector.

Whole spine from
3 exposures





Motorised stitching of up to 4 images

(up to 150cm of patient coverage)

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AVANSE

AVANSE is a software product for image acquisition, display, processing, archiving, and integrated control of diagnostic X-ray devices and processes.

The system can include a fully network enabled PACS archive, scheduling, reporting and RIS services, as well as diagnostic workstation software modules with a range of diagnostic imaging tools to process and report on your images.

All VISION Family digital devices include AVANSE digital image processing which is automatically adjusted according to selected imaging protocol to ensure optimal visualization of each anatomy.

Intelligent exposure latitude correction automatically corrects over and under-exposed images minimizing the need for additional manual manipulation of presentation state or retakes. If manipulation is required, simple and intuitive user controls let you easily navigate vast visualization capabilities provided by Visaris' XIP® x-ray image enhancement package.

Be it adjustment of multi-scale enhancement, quick repeats, noise suppression, or simply image contrast and brightness, reproducible, crystal-clear images are at your fingertips.

"Belgrade hand"
Revealing its secrets through advanced radiology techniques (dynamic imaging)
The world's first robot hand from 1963 gets a new life made in the european congress of radiology in Vienna 2022.

Learn more about the **"Belgrade hand"**

A reliable partner for diagnostic imaging

Innovation is at the core of Visaris Technology. For over 20 years we have been dedicated to providing high quality X ray images, helping doctors and medical practitioners in providing the best diagnostics and treatment to their patients. With instalations on all continents, our systems are made to be durable, reliable, user-friendly and efficient.

Our products are built to be safer, with lower exposure levels and automatic interlocking features that minimize unwanted patient exposures. Each product is managed by proprietary software with fully automated operation that significantly reduces examination times without compromising the imaging quality. Visaris adheres to the relevant ISO and safety standards including various global regulatory approvals.

Visaris Team

VM-M03.1