VISARIS

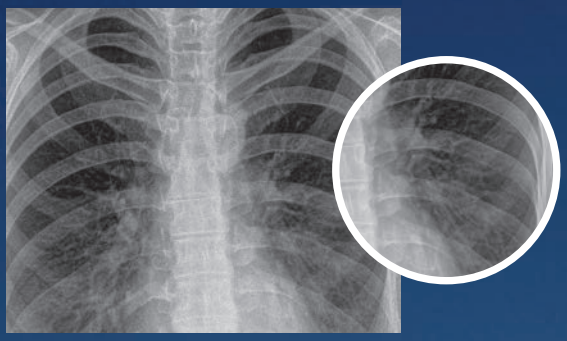
VISION U

Universal Auto-Positioning

Visaris Technology Enabled

VISARIS

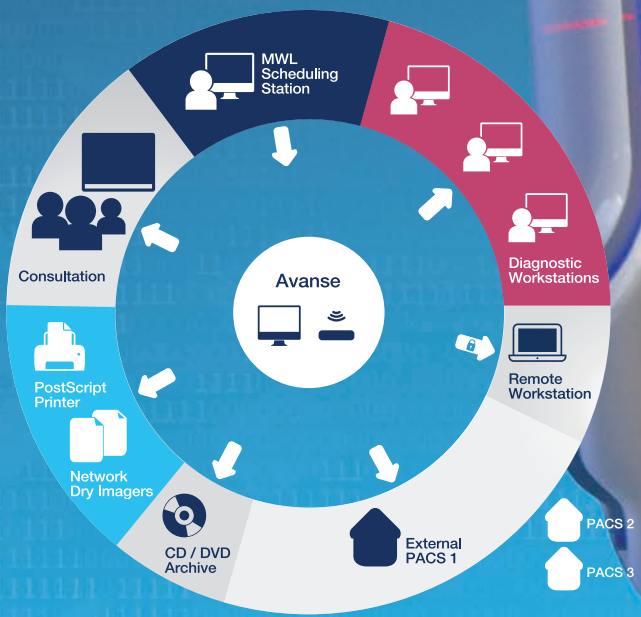
AVANSE
Imaging and workflow



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 U

Small footprint suitable for small rooms

High-performance digital imaging

VISION U is the latest generation, universal digital radiography (DR) system for a wide range of general and specialised diagnostic imaging applications. Programmable auto-positioning of the X-ray tube and a large (43x43 cm) digital flat panel detector enable efficient and flexible imaging of all anatomies of both mobile and immobile patients. Direct digital acquisition with optimally adjusted, anatomy-specific imaging and image processing protocols produces crystal clear visualisations of all imaged anatomies at significantly lower doses of radiation compared to film and CR devices. A single-system console seamlessly controls all active system components ensuring unparalleled user ergonomics and high workflow automation. Whether you need general inpatient or traumatised immobile patient imaging, Vision U provides high patient throughput at outstanding diagnostic quality.

VISARIS

Available on VISION U

- Motorised auto-positioning of the device in all directions
- Programmable positions available on a remote-control device
- High-frequency generator controlled from the main system console
- High-quality digital flat panel detectors:
  43x43cm fixed or 43x35cm portable
- Automated exam setup with patient search and worklist load
- Anatomy specific exposure parameters and image processing
- DICOM archiving on PACS and CD, multi-image printing

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

Motion and position robotics
Image acquisition
PACS, RIS
Workstations

Low floor-to-beam height

Patient table

Standard tablet control

Remote control

Anti-collision detection

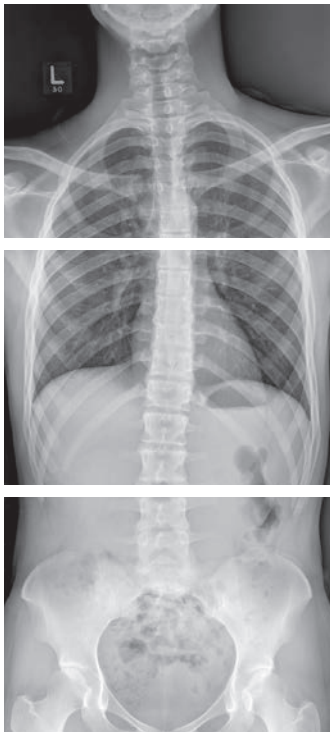
VISARIS

Up to
5-field AEC

Motorised stitching
of up to 4 images
(up to 150cm of patient coverage)

Optional accessories
Image stitching
patient stand

Whole spine from
3 exposures



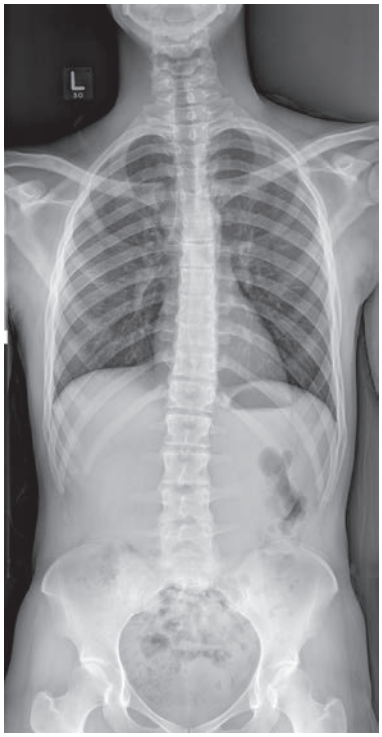


Image stitching module

Long anatomy imaging from several already acquired individual exposures with the 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.

VISARIS

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