

VISION C

Imaging freedom



AVANSE

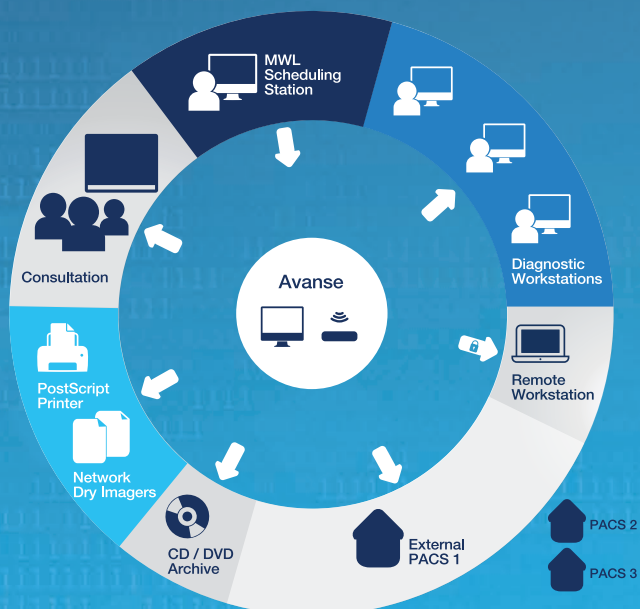
Imaging and workflow



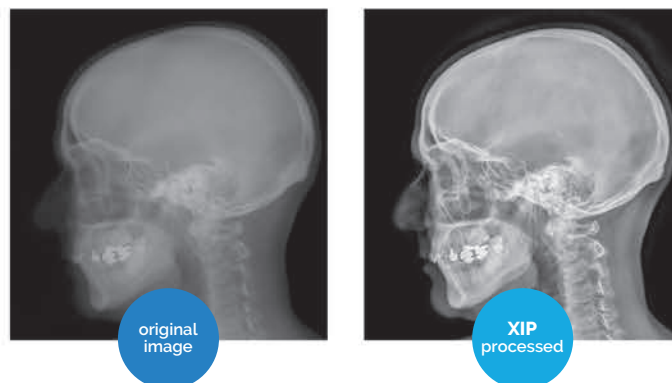
All digital VISION devices use a powerful AVANSE software system that enables radiologists and technicians perform full body radiography exams using their fingertips. From patient scheduling to, system positioning, acquisition, archiving, viewing and editing images AVANSE seamlessly navigates you through 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 C



Smart positioning

VISION C is a universal digital radiography system with a modular stand design configurable to all diagnostic radiography needs. Available in a fully motorized, auto-positioning configuration with manual override capable of practically all radiographic techniques or manual configurations, VISION C can be tailored to your specific needs. Automated system positioning, exam set-up, acquisition and archiving on VISION C provide unparalleled imaging efficiency, experience and diagnostic accuracy. The heart of VISION C is a highly mobile, lightweight, overhead tube stand

that can be paired with a range of patient table options and detector stands using combinations of fixed and portable detectors. From truly modest room sizes to spacious high throughput trauma imaging rooms, VISION C can be configured to fit any diagnostic process. The system's user friendly interface on portable and fixed system consoles supports an array of advanced functionalities such as long anatomy imaging and visualization capabilities provided by Visaris' XIP® x-ray image enhancement package.

Enjoy high-performance modern radiography

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. Some key VISION C characteristics:

- Available from truly small rooms (3x3m) to long multi-bay ER rooms
- Anatomy-specific exposure parameters and image processing
- Smooth, programmable system positioning with manual override
- Range of safety features: geometry interlock, anti-collision...
- Fast image acquisition with image on a screen in a few seconds
- Advanced, compact and more reliable electronic design
- Fully motorised auto-tracking options
- Automated exam setup with DICOM MWL/RIS/HIS integration, DICOM MPPS
- Available with patient cameras and a choice of smart features available at request.





**Intuitive
touchscreen
console**

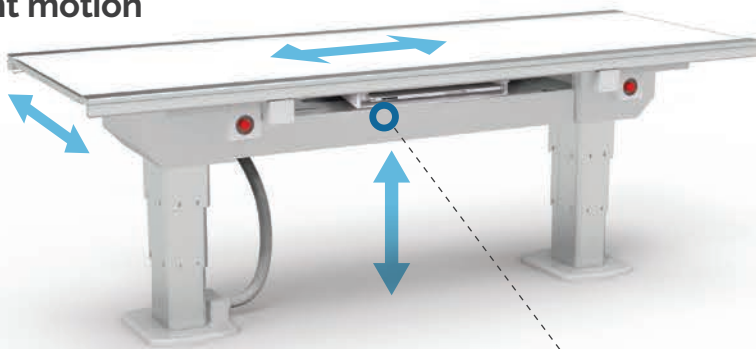


**Integrated smart
bucky with detector
charging, rotation
and removable grid**



Smoother and faster motion

Redesigned OTC elevation mechanism for safer, more reliable and efficient motion



Lower power requirements

More safety features

Superior 6-way movement



Advanced wall-stand mechanics

Wall-stand tilting arm $+90^{\circ}/-20^{\circ}$

Minimum height from floor to center of detector - 28cm

Collimator control from the vertical wall stand



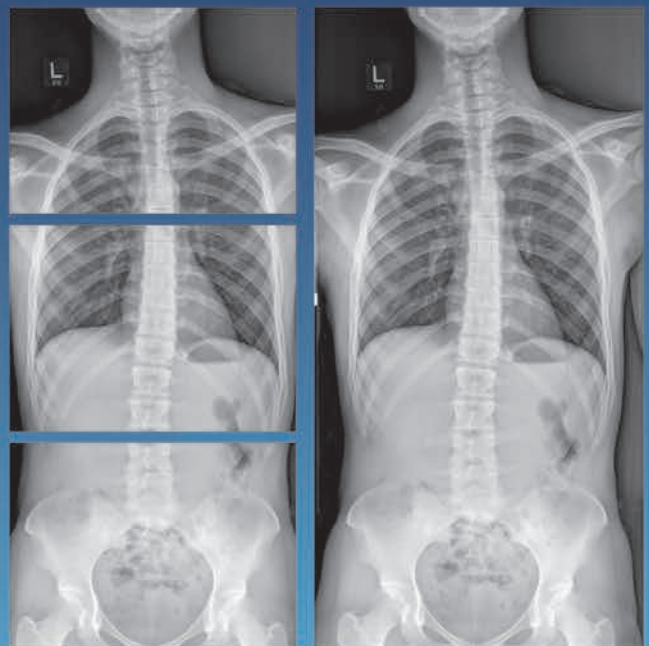
**Motorised stitching
of up to 4 images**
(up to 150cm
of patient coverage)



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.

Whole spine from 3 exposures



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 installations 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