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Website: TTGimagingsolutions.com

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Address: 4050 Azalea Drive, North Charleston, SC 29405, United States
Phone: +1.800.867.1821
Website: CMSimaging.com

THE WORLD’S FIRST
Mobile, Multi-Modality Ultra-High Resolution Bedside Imaging Platform
SeeFactor CT3
SeeFactor CT3

MULTI-MODALITY PLATFORM

EPICA’s products are designed to fit the needs of most ASCs, Acute Care Hospitals (ICUs, ER/Trauma, IR, OR) and imaging rooms. SeeFactor CT3 is a compact, mobile, lightweight and multi-modality device capable of delivering ultra-high resolution HDVI images for a variety of different clinical use cases.

HDVI Diagnostic Imaging

Unlike conventional CT systems, SeeFactor CT3 provides volumetric and non-interpolated (gapless, 100% real) image data in 2D and 3D delivering extraordinary isotropic image resolution as fine as 0.2mm in soft and hard tissue, lesion detection as small as 0.2mm and “Micro-Rad technology” which significantly reduces the radiation dose received by the patient and surrounding healthcare delivery team.

Full-Featured Fluoroscopy

High-resolution images, auto-brightness/contrast, and frame rates from 1-30 fps. Any orientation of the patient may be viewed and the gantry can move over the patient during a study. Platform Features include Road Mapping, Digital Subtraction Angiography, Burst Mode, Dose Reduction Technology, Auto-Collimation, Tip Tracking.

Digital Radiography

With SeeFactor CT3, flat filled radiographs of the study region of interest can be taken instantly. Our devices use less radiation and allow physicians to provide superior diagnosis and improve surgical outcomes through the use of our advanced 3-in-1 imaging platforms.
CONTROL PANEL
with adjustable display and keyboard.

MAXIMUM FLEXIBILITY
compatible with most tables, chairs or beds. Offered with a custom radiolucent and carbon-fiber bed.

ONE PLATFORM
(HDVI CT, Fluoroscopy, Digital Radiography)

LARGE BORE
24.80" (62.5cm) diameter allows all anatomy to be imaged with a single mobile platform. Detector and source are positioned outside the gantry to allow for patient comfort and easy intraoperative access.

MOBILE - MOTORIZED
easily moved to the patient at bedside by one person.

36" (92cm) WIDE
easily maneuverable through standard sized doors, hallways and through elevators.

MAXIMUM EFFICIENCY
detector and source positioned outside the bore to provide more room for patient and physician interaction.

EXTENDABLE GANTRY
When positioned at the head or base of the bed, gantry moves forward and indexes over bed.

S E E F A C T O R  C T
25-75% Less Radiation Than Conventional CT Systems

MICRO-RAD

EPICA’s proprietary pulsed “MICRORAD technology” significantly reduces the radiation dose received by the patient and surrounding healthcare delivery team.

100% Real Data

RESOLUTION

Non-interpolated (gap-less, 100% real) image data delivering extraordinary isotropic image resolution as fine as 0.2mm in soft & hard tissue.

Robotic Surgical Assist

ACCURACY

Exceptional stability & surgical accuracy via direct mechanical link with imaging system managed by our proprietary software control system.

Multi-Modality

1 PLATFORM

3-in-1 imaging platform that provides superior 3D diagnostic imaging (soft & hard tissue), digital radiography and fluoroscopic capabilities.

Mobility

COMPACT

Turn almost any room into an imaging room with SeeFactor CT³™

Vimersion™

IMMERSIVE

"Fly through" the anatomy. Non-interpolated DICOM data exported directly from EPICA’s imaging platform and rendered in a "Immersive Reality" environment. Ideal for surgeon to patient, surgeon to payer, and surgeon to surgeon interaction.

Vimersion™

IMMERSIVE

“Fly through” the anatomy. Non-interpolated DICOM data exported directly from EPICA’s imaging platform and rendered in a “Immersive Reality” environment. Ideal for surgeon to patient, surgeon to payer, and surgeon to surgeon interaction.
**VoxelVu™**

EPICA’s ultra high resolution, non-interpolated imaging data rendered in a sleek, touch screen image viewing/reading station. VoxelVu™ is a standard configuration with SeeFactor CT3 Platform.

**Vimersion™**

EPICA’s ultra high resolution, non-interpolated imaging data rendered in a VR environment. Software application allows physicians, radiologists, patients, and other care collaborators to “fly” through the anatomy.

**VoxelVu™ + Vimersion™**

 Seamlessly toggle between VoxelVu’s touchscreen interface or the light-weight handheld Vimersion™ controllers and enjoy the ability to explore, diagnose, and collaborate – all at your fingertips.

**Epica Human Health VuWare™**

Human Immersive reality software designed to supplement and communicate diagnosis to all stake-holders, patients, primary care providers, payers, etc.
IMMERSIVE REALITY

Vimersion™

- GAPLESS DATA: ultra high resolution and non-interpolated 100% REAL data
- ANNOTATION: a full suite of annotation tools for data labeling
- COLLABORATION: explore pathology in great detail and collaborate with colleagues
- 3D VIEW: explore and understand anatomies and lesions

- Vimersion™
At EPICA, we provide our clients with advanced, high quality medical imaging solutions. We are dedicated to supporting and servicing our clients at each and every step of system implementation and ownership including pre-clinical assessment, installation, calibration, training, continuing education, system upgrades and service.

Our imaging technology and devices are backed by EpiCare™ coverage and extended warranty. EpiCare™ is a comprehensive support program that includes:

- Access to 24/7 U.S. based support
- Software/firmware updates
- Ongoing training and support
- Co-marketing & more

Please contact us to learn more about our commitment to quality and care through EpiCare™.
What started in 2013 as a multidisciplinary team of imaging experts, medical device engineers, scientists, software and hardware specialists, robotics’ technologists and clinicians focused on the development of an alternative to the limitations of conventional CT imaging, led to the development of a non-interpolated diagnostic and intra-operative imaging platform capable of identifying lesions as small as 0.2mm, resolution as fine as 0.1mm in soft and hard tissue, and the ability to clearly identify anatomies as small as the vasculature of a hummingbird with less radiation dose and cost, has evolved into more than 82 issued/pending patents, 300+ imaging platforms sold, and our first FDA 510(k) cleared and CE marked human imaging platform.

About Us
What started in 2013 as a multidisciplinary team of imaging experts, medical device engineers, scientists, software and hardware specialists, robotics’ technologists and clinicians focused on the development of an alternative to the limitations of conventional CT imaging, led to the development of a non-interpolated diagnostic and intra-operative imaging platform capable of identifying lesions as small as 0.2mm, resolution as fine as 0.1mm in soft and hard tissue, and the ability to clearly identify anatomies as small as the vasculature of a hummingbird with less radiation dose and cost, has evolved into more than 82 issued/pending patents, 300+ imaging platforms sold, and our first FDA 510(k) cleared and CE marked human imaging platform.

Our Mission
To develop and implement advanced imaging and robotic-assist surgical platforms that enable healthcare professionals to improve diagnostic accuracy and quality of care through unparalleled imaging quality (HDVI CT) and enhanced surgical precision.

Our Vision
We aim to make the most advanced and high resolution mobile imaging available to all care providers, decrease latency and become the partner of choice for healthcare professionals by providing innovative, yet cost-effective imaging and surgical assist solutions that deliver better patient outcomes.