



GE Healthcare Imaging

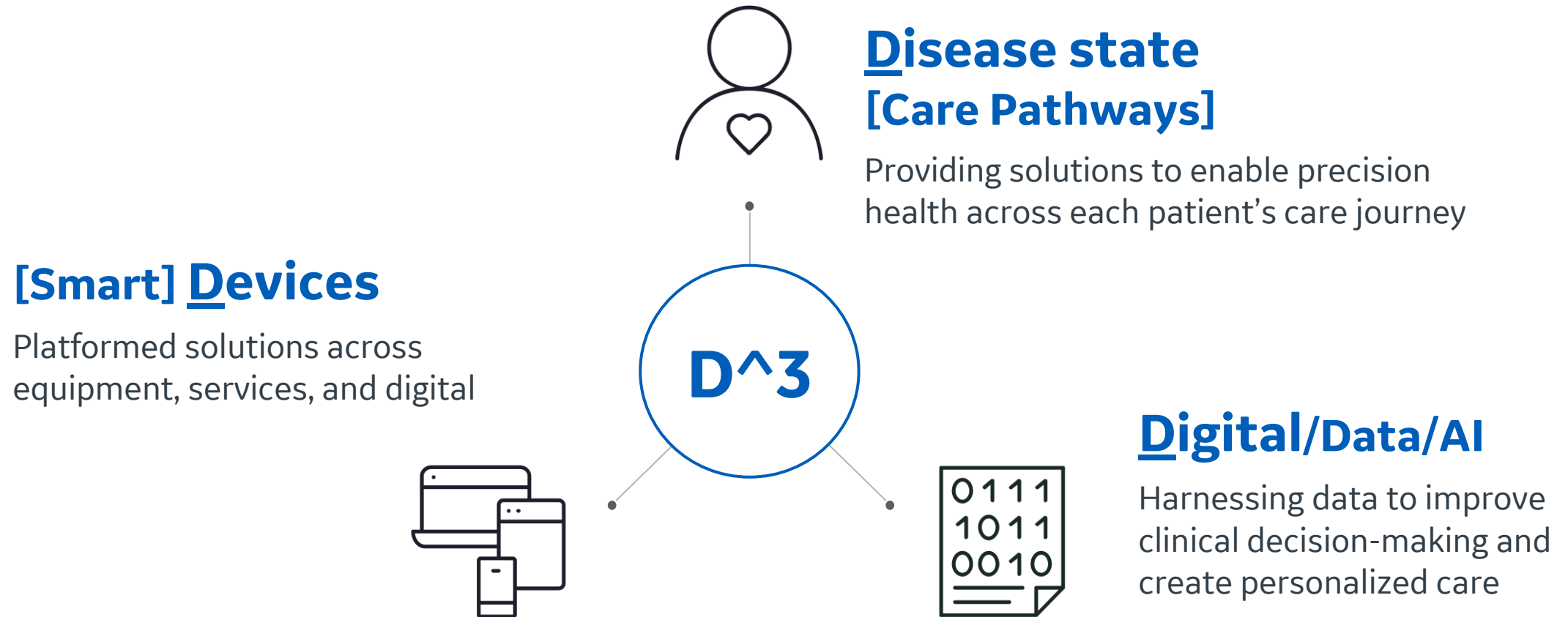
Entering a new era

Our purpose

Creating a
world where
healthcare has
no limits



Precision medicine via **D^3**



Our enterprise and segment strategies are designed to integrate and meet these needs

Our current solutions for precision diagnostics, therapeutics and monitoring



Imaging



- MR
- CT
- MI
- X-ray
- Women's Health
- Image-Guided Therapies
- Digital applications
- PACS
- AW

Ultrasound



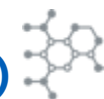
- Women's Health
- Cardiovascular
- General Radiology
- Point of Care
- Primary Care
- Surgical Navigation

Patient Care Solutions (PCS)



- Patient Monitoring
- Anesthesia & Respiratory
- Cardiology
- Maternal Infant Care
- Clinical Accessories
- Virtual Care Solutions

Pharmaceutical Diagnostics (PDX)



- Contrast Media
- Molecular Imaging Agents

Enterprise Digital Solutions

Edison AI Tools, Digital Health Platform

Services

Equipment service – predictive maintenance and repair, remote/fix, equipment performance insights

Care Pathways

Neurology, Cardiology, Oncology, Pediatrics and Musculoskeletal



Imaging is a critical element of a
Precision Health strategy

Imaging at a glance



Leadership positions in nearly all markets where products are sold



126 Years of industry-defining innovation



Largest global installed base of **400K** medical imaging devices



Strategically positioned to support **Precision Health**



200+ Software applications



Developing **intelligently efficient solutions** to address critical needs of our customers

Imaging challenges



Patient Experience

#2

Patient satisfaction is ranked in top 2 focus areas²

Efficiency

73%

Radiology department's top challenge is operational efficiency¹

Staff

45%

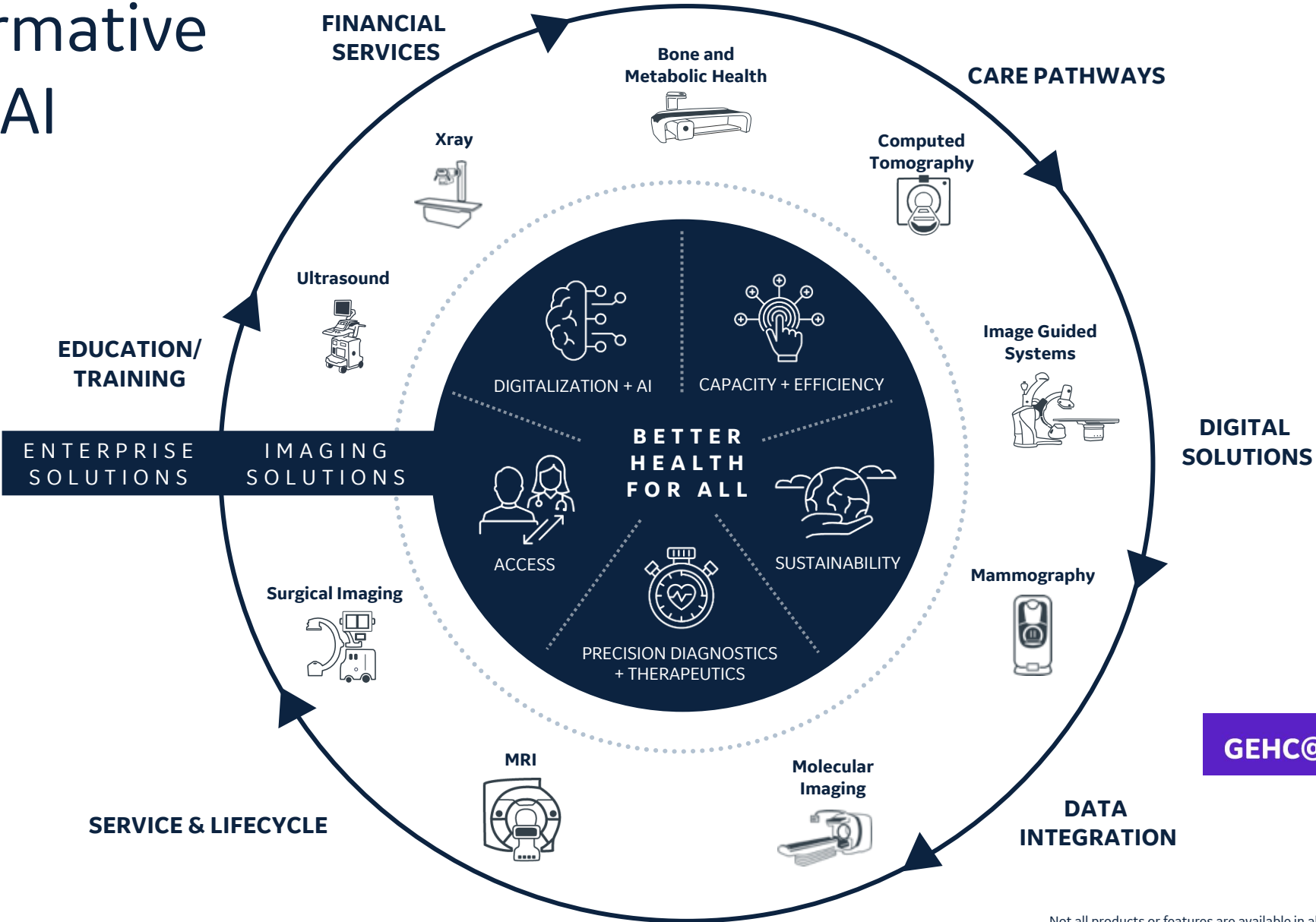
Radiologists are experiencing burnout³

Change

50%

Radiologists concerned about being prepared for the future⁴

Enabling better health with transformative imaging and AI technologies



GEHC@RSNA 2022



New innovations.
New experiences.
New era.

Entering a new era where there are limitless opportunities to deliver better healthcare.



Sustainability



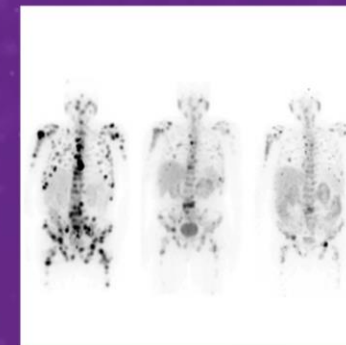
Access



AI / Digital



Efficiency + Capacity



**Precision Diagnostics
+ Therapeutics**

Patient-centric innovation

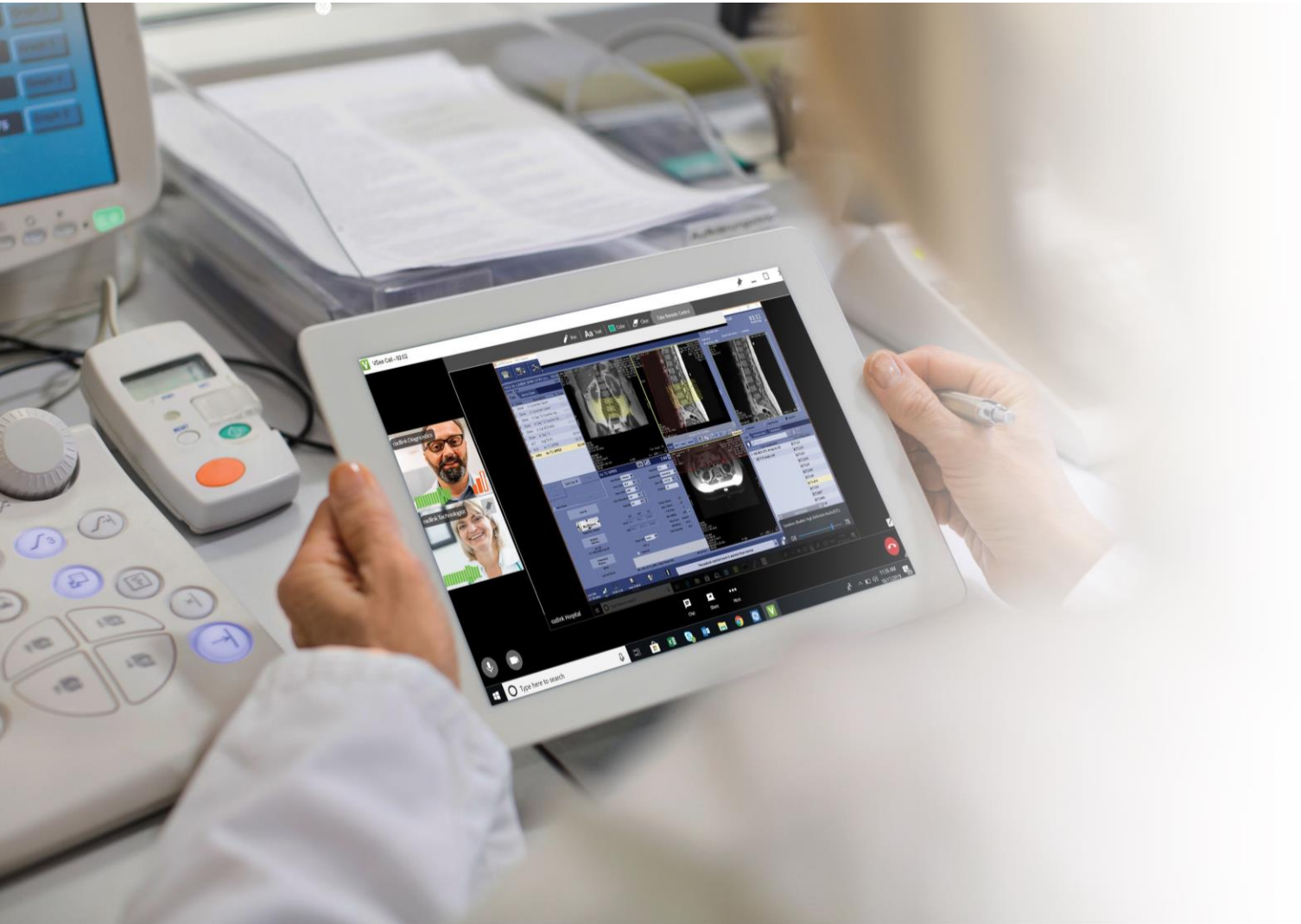


Enabling more precise, connected, compassionate care

Today's healthcare requires simplifying the patient's journey and accelerating more accurate diagnoses and paths to treatment, so they can achieve a healthy, well-lived life.

To succeed in our mission of helping providers and patients live with greater dignity, we must enable care that is simpler, connected, and more precise.

Entering a new era to deliver better health care.



Efficiency + Capacity

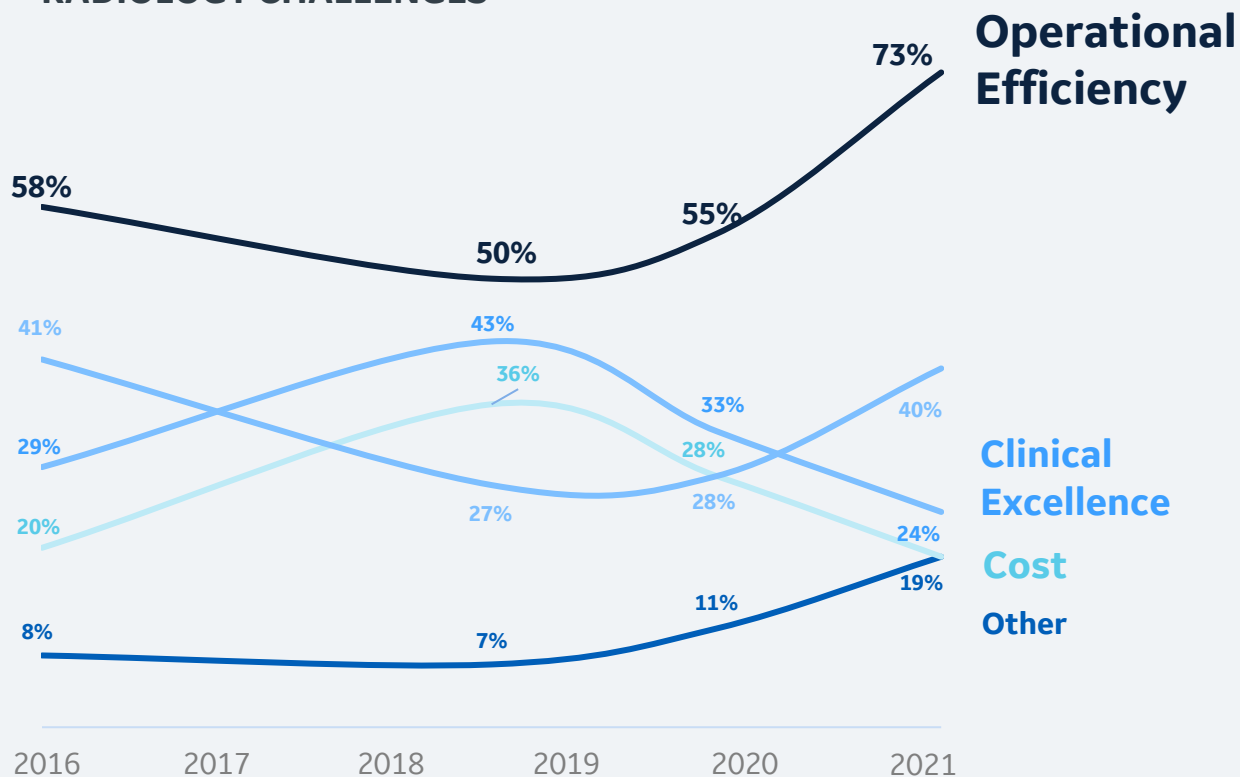
Entering a new era where efficient solutions can help solve the capacity issues and reduce rework for radiologists and technologists.

Improving capacity and efficiency

We understand operational efficiency is increasingly important for radiology



RADIOLOGY CHALLENGES



Limited ability to adjust staffing based on unexpected changes in demand; resulting in productivity, asset utilization and premium pay issues



Technologist turnover and burnout leading to training/expertise gaps and inefficiencies, including limited ability to deliver sub-specialty care at satellite facilities



Radiologist burnout due to factors such as increasing volume of work and pressure on results turnaround times



Limited or piece-meal adoption of data analytics, AI, automation, and/or machine learning that could help address operational inefficiencies at scale



Variation across existing imaging equipment that are scattered across a broad portfolio of sites – inefficient processes and training burden

Improving capacity and efficiency Imaging 360 for Operations

Efficiency. Empowerment. Excellence.

Designed to make your world work better

Smart, easy-to-use solutions for the challenges that complicate your day-to-day and get in the way of quality outcomes

Free your team to thrive

Empower your team with the tools they need to focus more on care, and less on everything that gets in the way

Welcome to the future of imaging

Unlock a new level of quality, consistency and confidence – and get the best clinical outcomes



Improving capacity and efficiency

Imaging 360 for Operations



Imaging 360 for Operations Outcomes

Staffing

Strengthen staff by giving them the support, tools and training they need to manage their workload efficiently and focus on what matters most—the patient.

Protocols

Optimize imaging exam workflows with protocol standardization and automated protocol selection to ensure consistency across the enterprise.

Scheduling

Find actionable insights that remove the barriers in workflow by identifying how resources can be optimized

Utilization

Ease the pressure on staff to fill and adjust schedule slots by predicting and mitigating no-shows and adding greater predictability to the work day.

Up to a **50% reduction** in CT scan time ³

50% reduction in staff maintaining protocols ⁴

Reduced no-shows up to **70%**¹

Estimated **\$320k revenue** increase and 4-week reduction in backlog ²

¹ Results based on single pilot site. The numbers discussed are from individual experience. Actual results may vary. GEHC does not guarantee results.

² Results from Radiomed, Germany. The numbers discussed are from individual experience. Actual results may vary. GEHC does not guarantee results.

³ Results from Fourth Affiliated Hospital of Zhejiang University, China. The numbers discussed are from individual experience. Actual results may vary. GEHC does not guarantee results.

⁴ Results from Salud Digna, Mexico. The numbers discussed are from individual experience. Actual results may vary. GEHC does not guarantee results.

Improving capacity and efficiency Entering a new era in imaging



SIGNA™ MR Experience*

Magnetic Resonance

Launching the new face of SIGNA™ MR, the power of innovative solutions to address multiple pain points along the diagnostic journey.

Effortless Workflow

Computed Tomography

The Revolution Apex platform provides unparalleled image quality, low dose, and uncompromised clinical solutions for both routine and challenging cases in all care areas.

AMX™ Navigate

Mobile X-ray

Designed to address the stress and strain in positioning for imaging. Our digital mobile X-ray system, provides a new level of clinical excellence with AI clinical decision and effortless workflow support.

LOGIQ™ E10 Series

Ultrasound

Empowering you to make the difference. Next generation, leadership ultrasound that adapts to your needs today and into the future.

*Smoother, more connected imaging capabilities are coming.
Are you ready?*



GEHC@RSNA 2022

Not all products or features are available in all geographies. Check with your local GE Healthcare representative for availability in your country or region.

Entering a new era to deliver better health care.



AI / Digital

Entering a new era in imaging to help achieve greater connectivity, resilience and agility through transformative digital and AI technologies.

AI and digitalization

We believe connectivity and agility are essential to progress



ON-DEVICE AI

Improving throughput, capacity and patient outcomes with predictive AI and analytics

FOR WORKFLOW

Streamlining workflows to eliminate steps, rework, costs and helping alleviate burnout.

FOR THE ENTERPRISE

Connecting data across devices

All on an integrated digital health platform



Entering a new era in image resolution with **deep-learning imaging reconstruction**

AIR™ Recon DL

Magnetic Resonance Imaging

Pioneering, deep-learning based reconstruction algorithm that significantly improves SNR and image sharpness, enabling shorter scan times.

TrueFidelity™

Computed Tomography

State-of-the-art image reconstruction technology that uses a dedicated Deep Neural Network to generate high-definition, low-noise CT images. It produces images with exceptional sharpness, low-contrast performance and your preferred noise texture, even with low dose.

Precision DL*

Molecular Imaging

Image processing software featured on our latest Molecular Imaging PET/CT system, designed to enhance your images.

Helix™

X-ray

Helix Advanced Image Processing delivers sharp detail and consistent performance, despite variations in exposure technique and challenging exam conditions. Automated enhancement in image presentation consistency and potential reduction in post-processing time by up to 87%.¹



GEHC@RSNA 2022

Not all products or features are available in all geographies. Check with your local GE Healthcare representative for availability in your country or region.

1. GE Healthcare Data on file.

* Precision DL is 510(k)-pending with the U.S. FDA. Precision DL is not available for sale in the United States.

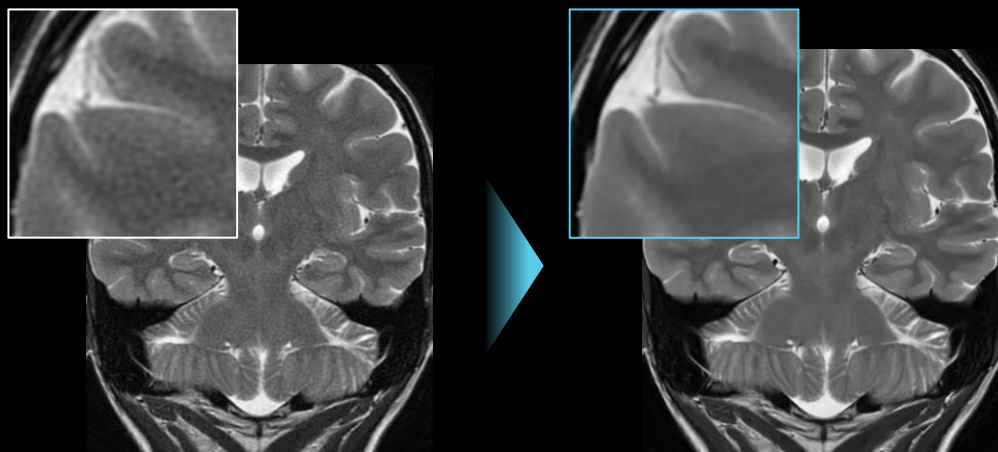
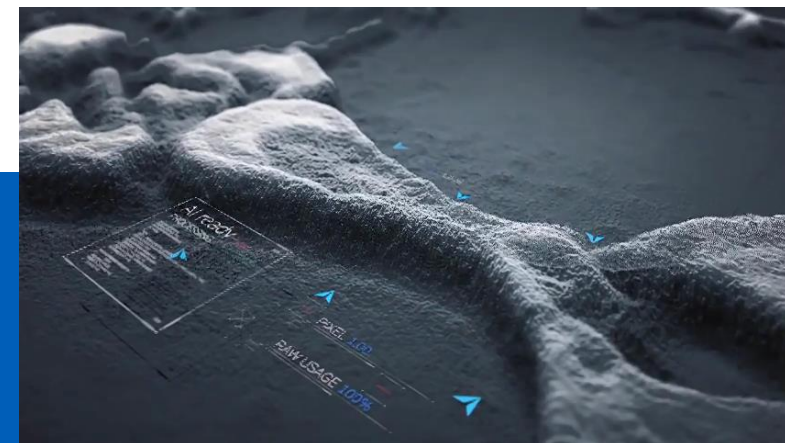
Increasing capacity with quality images in less time with AIR™ Recon DL



A pioneering, deep-learning based reconstruction algorithm that significantly improves SNR and image sharpness, enabling shorter scan times

For clinicians: Easy and confident diagnosis with sharper, clearer, accurate MRI images

For patients: Comfortable MRI experience with up to 50% reduction in scan time



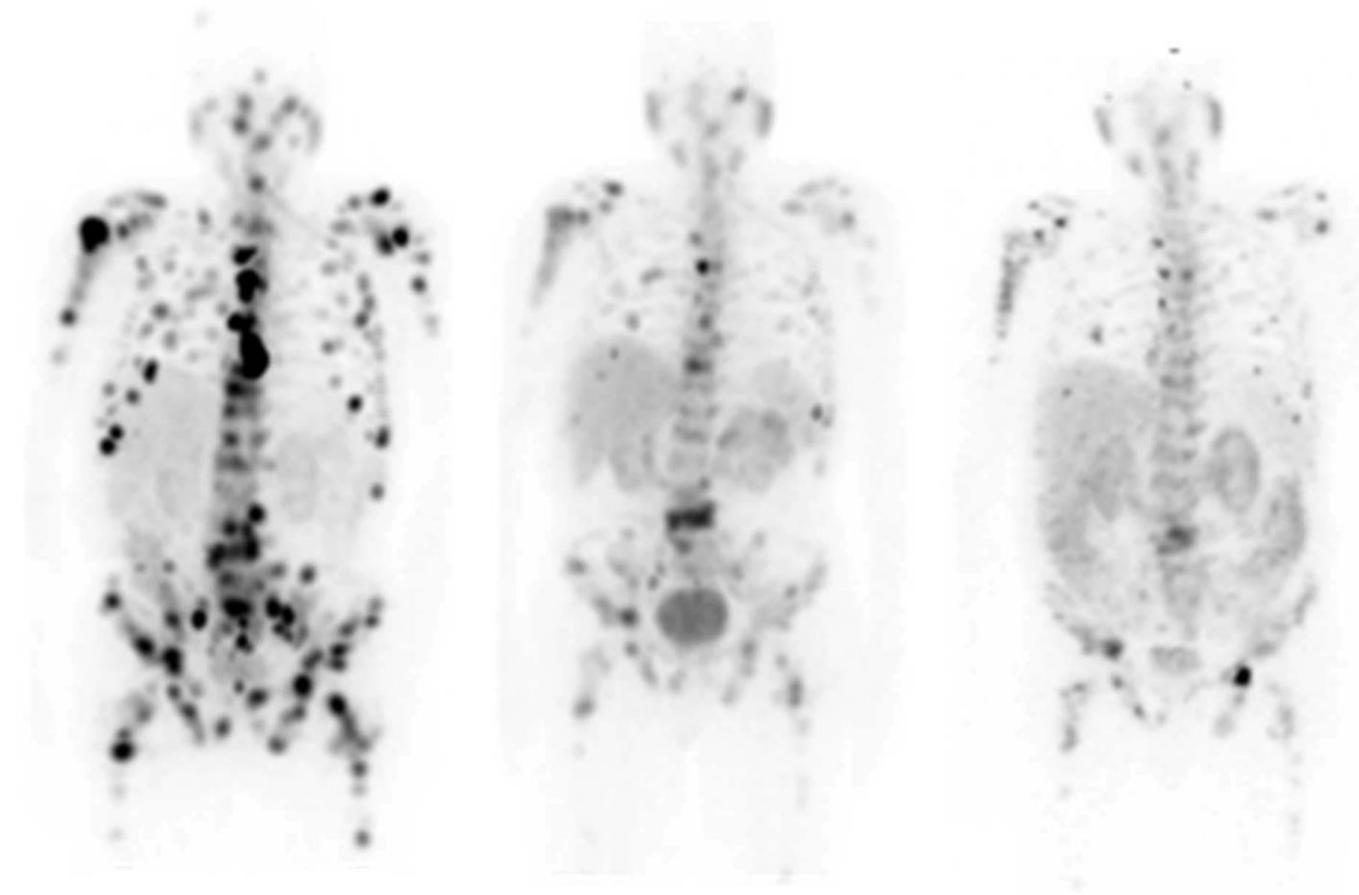
Conventional



Access & Productivity: Strength in numbers



Entering a new era to deliver better health care.



Precision Diagnostics + Therapeutics

Entering a new era where integrating diagnostics and therapeutics can help lead to better outcomes.

Precision diagnostics + therapeutics

Entering a new era in imaging



Total MI for Theranostics

Molecular Imaging

Continuing to evolve the promise of precision medicine with theranostics.

Omni Legend

Molecular Imaging

Industry-leading PET/CT platform, enabling exemplary diagnostic confidence. Designed with theranostics in mind - utilizing ultra-high sensitivity, Q.Clear and MotionFree to help personalize dose and imaging ^{68}Ga for diagnosis, staging or restaging.

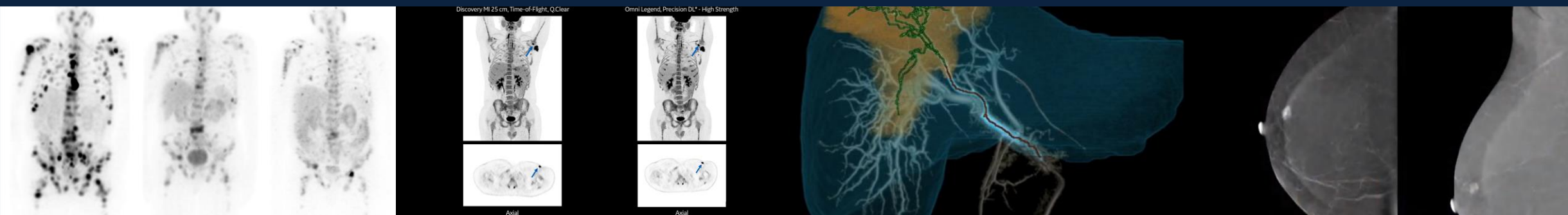
Liver ASSIST Virtual

Parenchyma¹

Image-guided Therapies
Designed to augment your liver embolization simulation with AI based virtual parenchymography.

Oncology Solutions

Our oncology solutions help cancer care providers gain the upper hand. Explore how our diagnostic and treatment technologies improve detection, clinical and operational efficiency, and outcomes.



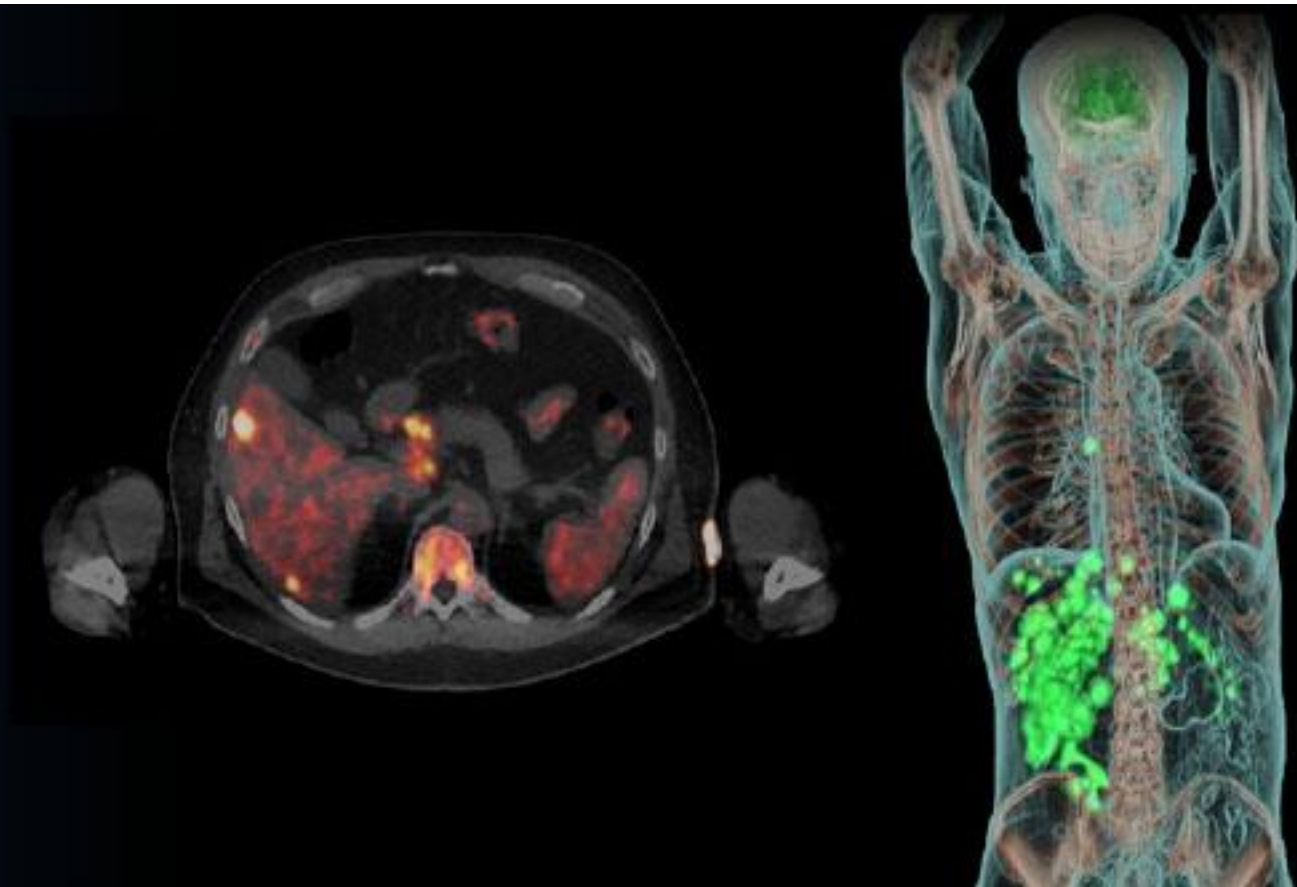
GEHC@RSNA 2022

¹ Liver ASSIST VP is not yet CE marked. May not be marketed or placed into service until it has been made to comply with CE marking. Product may not be available in all countries and regions and cannot be placed on the market or put into service until it has been made to comply with all required regulatory authorizations. Refer to your sales representative for more information.

Not all products or features are available in all geographies. Check with your local GE Healthcare representative for availability in your country or region.



- Advancing the **integration of diagnostics and precision therapies**
- **Expanding the promise of theranostics**
 - Delivering current opportunities in prostate, endocrine, and thyroid cancers



Total MI for Theranostics

We are strategically positioned to deliver Theranostics



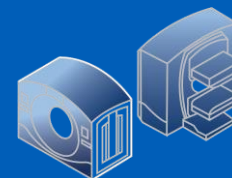
Integrating **digital products and solutions** across care pathways

Discovery



Cyclotron capabilities in combination with radiochemistry to increase the production of Gallium-68.

Diagnosis



High-resolution, digital PET/CT and PET/MR with exceptional sensitivity allow dose/scan time reduction¹, outstanding lesion detectability¹ and quantitative accuracy.

Treatment



Powerful digital CZT SPECT/CT scanners together with advanced, AI-powered, clinical applications provide accurate quantitation to help clinicians make precise decisions and monitor treatment response.

Total MI for Theranostics

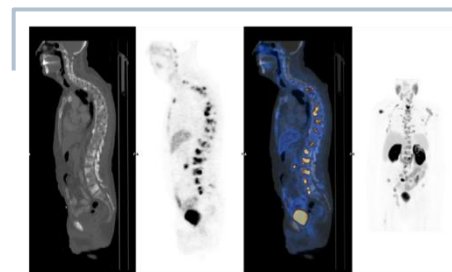


Prostate Cancer

1st most prevalent cancer in men worldwide

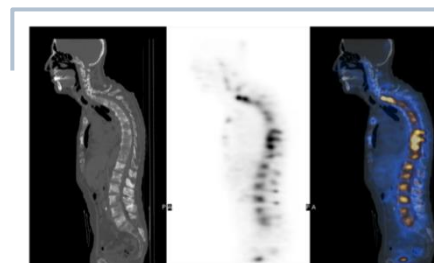
2nd most prevalent overall, 1.4 million new cases in 2020^a

Imaging Prostate Cancer
⁶⁸Ga-PSMA^b PET/CT

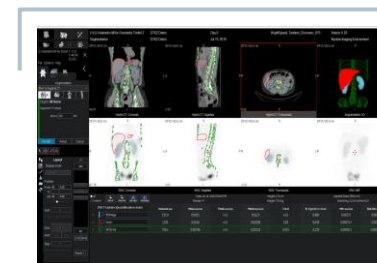


Edison™ Datalogue™ Connect

Imaging the treatment
¹⁷⁷Lu-PSMA^b Theranostic
CZT-SPECT/CT



Radionuclide
treatment planning
and monitoring



Radioisotope Production
PETtrace™ 800 Cyclotron
⁶⁸Ga Liquid Target
⁶⁸Ga Solid Target



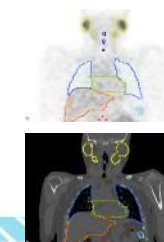
Radiochemistry
FASTlab™ 2 New Edition
Developer



Digital PET/CT or PET/MR
solutions with high sensitivity,
Q.Clear & MotionFree to
personalize dose & image ⁶⁸Ga for
diagnosis, staging or restaging



Digital SPECT/CT solutions to
image and quantitatively monitor
the efficacy of ¹⁷⁷Lu^b Theranostics
agent used to treat the patient



Digital AI applications for
effective quantitation including
Q.Thera AI^c with automatic
AI-based segmentation

^a Source: International Agency for Research on Cancer: <https://gco.iarc.fr/today/>

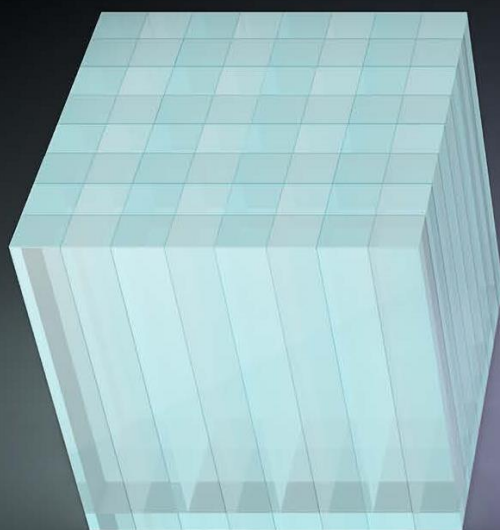
^b Radiopharmaceuticals may not be approved by ministers of health in all regions. ⁶⁸Ga-PSMA and ¹⁷⁷Lu-PSMA are not approved in Canada.

^c Q.Thera AI is 510(k) pending at the FDA. Not available for sale in the United States

Omni Legend

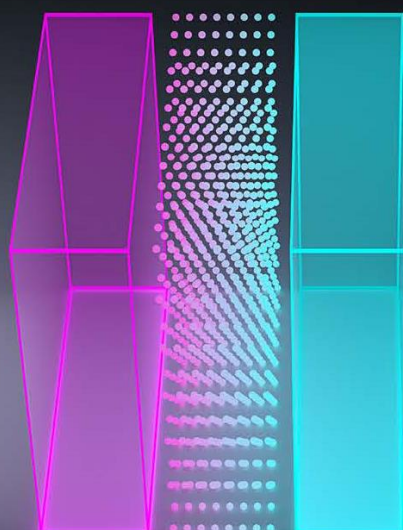


ULTRA-HIGH
SENSITIVITY



Diagnostic & treatment
confidence

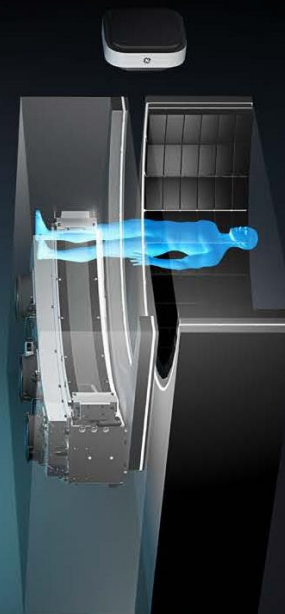
ALL-
DIGITAL



Innovative
detector design

Deep learning
image processing*

ENHANCED
WORKFLOW



Improved patient
experience

SINGLE
PLATFORM



Multi-dimensional
clinical flexibility

GEHC@RSNA 2022

Precision therapeutics in interventional Augment liver embolization with Liver ASSIST Virtual Parenchyma

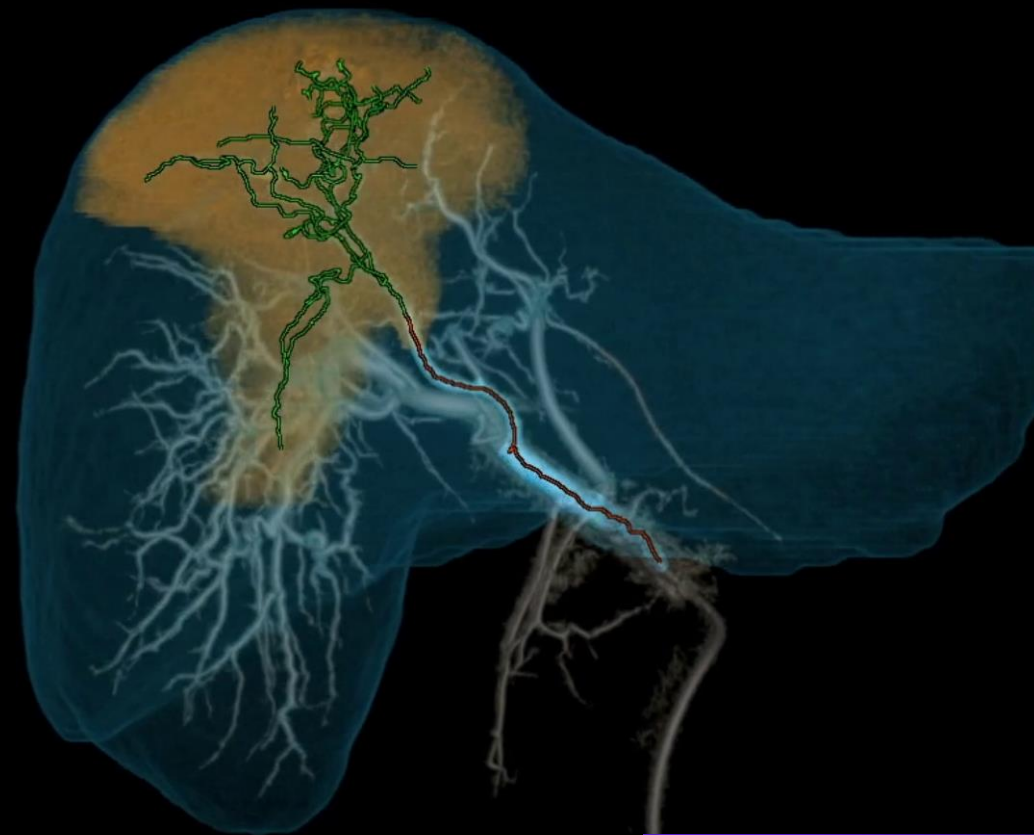


Liver ASSIST Virtual Parenchyma is a comprehensive digital solution for tumor-feeding vessels identification and planning of injection strategies

Evaluation of liver territory perfusion remains time consuming and challenging, with sub-optimal liver cancer treatment in case of missed or off-target embolization.

Liver ASSIST Virtual Parenchyma:

- Enables 1-click segmentation of liver vasculature from a Cone-Beam CT acquisition
- Simulates potential injection in real-time **before treatment**
- **AI based visualization** of estimated liver territories (vessels & parenchyma) in real-time to augment liver embolization simulation capabilities



GEHC@RSNA 2022

Entering a new era to deliver better health care.



Access

Entering a new era where we are helping to increase imaging access for more patients, when and where they need it most.

Increasing Access

We understand more patients need greater access to imaging



***Where the
patient seeks care***



Physician Offices
Ambulatory/Outpatient Centers
Hospitals
Long Term Care
Hospital at Home



***Throughout the
patient care journey***



Early Detection
Diagnosis & Staging
Treatment Planning
Therapeutic Delivery
Monitoring



***To address the **greatest
threats** to health...***



Chronic Disease
Epidemics
Natural Disasters
Health Equity
The Environment

Increasing Access

Entering a new era in imaging



One-Stop™ Clinic

Oncology

Our One-Stop Clinic solution for Breast Care is to help providers offer a patient-centric, breast care diagnostic consultation and assessment in as short a time as possible and in just one visit.

OEC 3D

Surgical Imaging

The OEC 3D C-arm provides precise 3D volumetric and 2D images for intraoperative imaging that enables efficient imaging every day.

Invenia™ ABUS 2.0

Ultrasound

Move breast care from reactive to proactive with FDA-approved AI tools to help improve clinical confidence, streamline reading and decrease benign biopsies.

Vscan™ Air

Handheld Ultrasound

Take your handheld ultrasound experience further with Vscan Air + Digital Tools.



GEHC@RSNA 2022

Not all products or features are available in all geographies. Check with your local GE Healthcare representative for availability in your country or region.

Increasing access for more patients, when and where they need it most



Broadening availability of affordable CT systems across the globe

Addressing health equity:

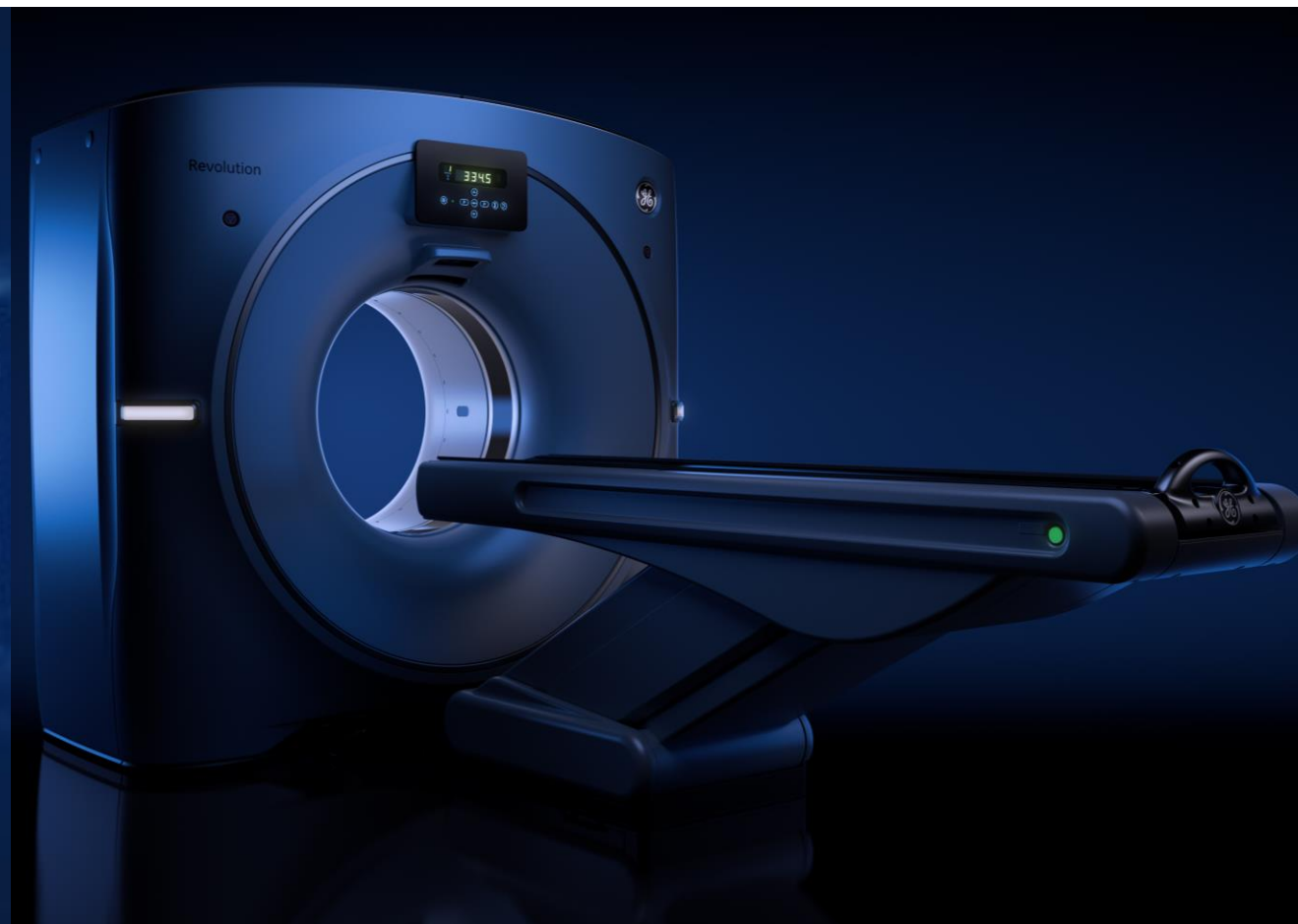
India faces a dual challenge of urban-rural divide and disease burden.

Addressing increased demand:

Advanced medical devices are needed to focus on early diagnosis of Non-Communicable Diseases

Enabling access & promoting equity:

The Revolution™ Aspire CT system, made in India at an all-female facility CT strengthens access to quality healthcare across India, including tier 2 and tier 3 cities*



Accelerated access

CT in a BOX

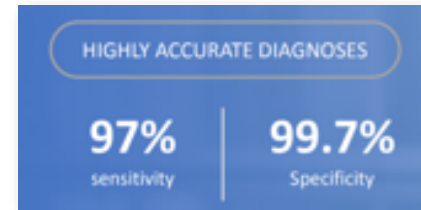
CT in a box is a response for providing accelerated access to CT in situations requiring increased CT scans and/or temporary set up to manage patients, such as in a pandemic situation.

- Increased CT scans per day
- Separate from the main hospital building
- Remote operation capabilities
- Quick relocation in the future



Increasing access

Supporting early cancer diagnosis, triage and treatment monitoring solutions



INNOVATIVE SCREENING

Innovation Diagnosis and Prognosis

Comprehensive solutions for screening

Predictive Analytics

Radiomics

RAPID DIAGNOSIS

Rapid Access Diagnostic Centre

End-to-end partnership to design, setup and scale up community-based diagnostics and triaging service

Addresses vague symptoms, improves triaging and pathway to treatment and monitoring

ONE-STOP CLINIC

One Stop Clinic

End-to-end partnership to design, set up and scale up service

Improving access to diagnosis and treatment

Transforming the patient experience

CANCER SURVIVORSHIP CLINIC

Cancer Survivorship Clinic

End to end partnership to design, setup and scale up dedicated support center for cancer survivors

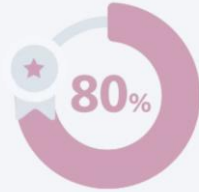
Ongoing support and surveillance services to improve quality of life

Increasing access case study

One-Stop™ Clinic: Transforming your patient's breast care with rapid results



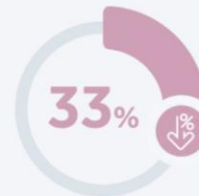
Quality: 75% of patients received same day results



Quality: 80% high patient Satisfaction



Cost reductions: up to 50% reduced total cost¹ per patient for benign cases



Cost reductions: total cost reduced to only 33% per patient for malignant cases



GEHC@RSNA 2022

Entering a new era to deliver better health care.



Sustainability

Entering a new era where we are helping to build lasting sustainability for a healthier planet.

Sustainability

Entering a new era in imaging



SIGNA™ Evo

SIGNA™ Evo widens your clinical capabilities so you can deliver exceptional results, work more efficiently and be more productive. Open up for patients. You don't need to replace your 3.0T MR system to meet growing patient needs.



SIGNA™ Hero

Introducing a true Hero. This 3.0T has advancements in deep learning and magnet technology which can lead to higher patient throughput and an elevated scan experience. It uses lower helium and is built to conserve energy.



Revolution™ Apex Platform

The platform provides unparalleled image quality, low dose, and uncompromised clinical solutions. It is designed with built-in scalability, to be future-ready. Easily upgrade when you need it.



Recycling Iodine

GE Healthcare has been recycling iodine-based contrast media for European healthcare facilities since 2006, but it's begun to expand its geographic reach, throughout Europe and the Americas.



GEHC@RSNA 2022

Not all products or features are available in all geographies. Check with your local GE Healthcare representative for availability in your country or region.

We believe a Healthy planet = Healthy patients



For a radiology department to have a sustainable future, we need to address **environmental impact** and **the challenges of healthcare professionals and patients**.



Environmental and sustainability commitment

GE Healthcare is committed to supporting a **more circular economy** to maximize the efficient use of materials and to minimize unnecessary waste.



Committed to **50% reduction** in our own operational emissions



2050

Achieve **net zero**, as an active participant in the UN-backed “**Race to Zero**”



Reducing carbon emissions



From our facilities

- Carbon targets are cascaded and tracked through our supply chain and service teams
- Over 40 sites completed or are in progress to develop carbon reduction roadmaps to drive the reductions needed to achieve our goal
- Additionally, in 2021 other financed projects are anticipated to reduce greenhouse gas emissions by over 11,000 metric tons

From our fleet

- Our global fleet is comprised of over 10,000 vehicles mainly to support our service engineers for installing and servicing equipment
- In 2021, we started transitioning vehicles in North America and Europe to electric and hybrid vehicles and are continuing to further support this initiative

Shifting to renewable energy sources

- Our strategy includes transitioning to renewable energy sources, and we are increasing our purchase of renewable energy.
- In 2021 we moved all our UK sites onto renewable energy, and also transitioned many global sites where possible, including five US sites and sites in Bengaluru, India and Zipf, Austria.

Circular economy

- We believe in maximizing efficient use of materials and minimizing unnecessary waste.
- Aligned closely with our lean mindset, our standard operations include an environmental review that identifies opportunities to make improvements at the factory level



Contributing to a healthier planet

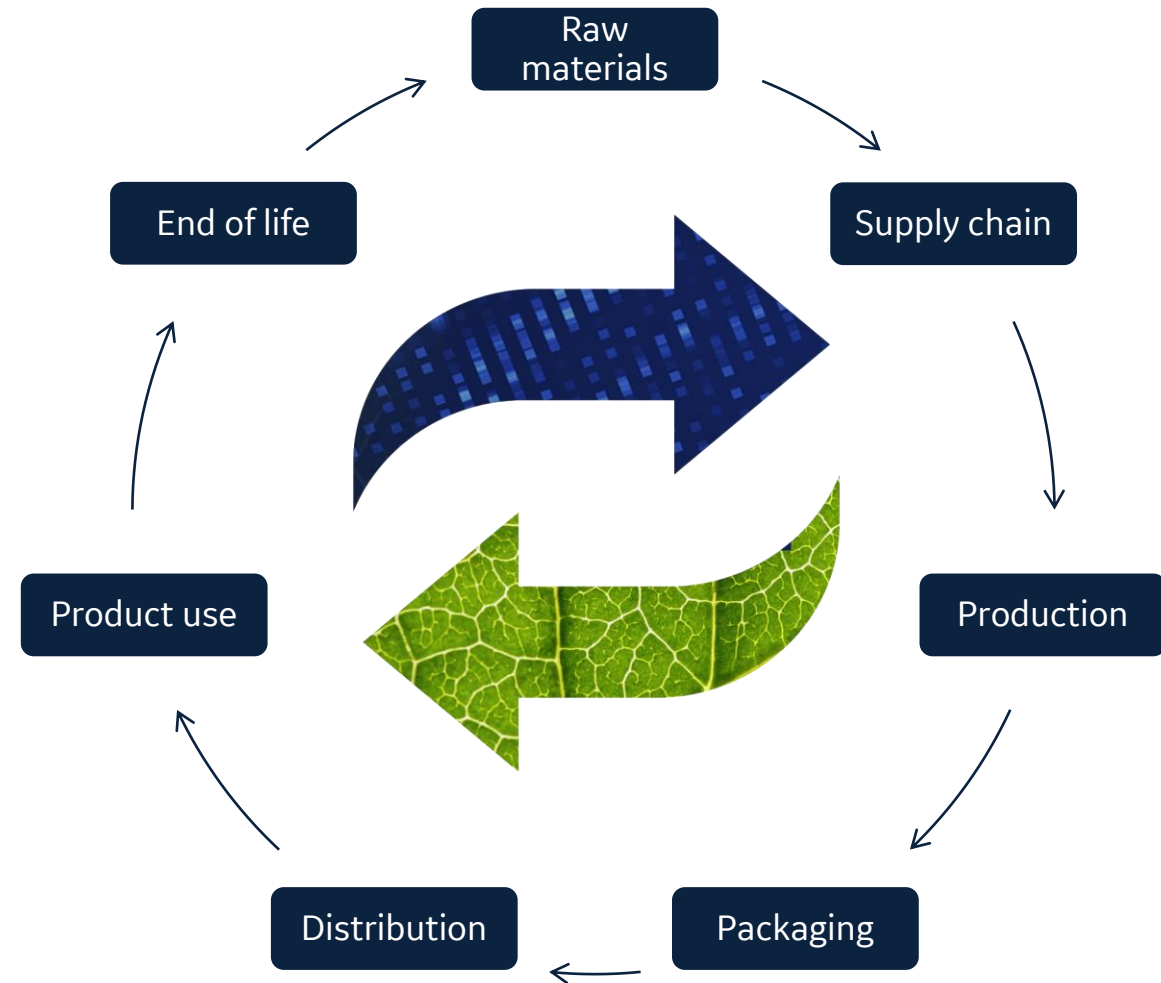
We are committed to environmentally conscious design



Environmentally conscious design is viewed across our product manufacturing, sourcing, distribution, installation, and service operations.

This includes:

- Improving energy efficiency
- Optimizing the use of limited or rare materials
- Providing digital, remote predictive analytics and maintenance service
- Offering refurbishment and recycling options at the end of product life



For the environment



SIGNA™ Hero



SIGNA™ Hero uses intelligent magnet technology which is **1.4x more efficient than previous models**. It also **uses 67% lower helium** and **weighs 2.0 tons less** than the previous generation magnet.*

With **built-in sleep mode to conserve energy** and the ability to **reduce power consumption through reduced scan time** of up to 50% with AIR™ Recon DL, SIGNA™ Hero is a sustainable investment you can feel good about.†



* Based on Hero 3.0T data on file (2021).

† Based on AIR™ Recon DL data on file (2019).

Not all products or features are available in all geographies. Check with your local GE Healthcare representative for availability in your country or region.

Extend the lifetime of your MR system

SIGNA™ Evo

Breathe new life into legacy MR systems with SIGNA™ Evo – the world's first and only narrow-to-wide bore transformation for 1.5T and 3.0T systems.

Upgrading is the sustainable option that gives you the highest returns on your initial investment.



Lead CT now and into the future

Revolution™ Apex Platform

The Revolution Apex platform was created with a **“future-ready” design** philosophy, which lays the foundation.

The systems are designed with built-in **scalability**, so you can be ready for every future. With the choice of 4, 8 or 16 cm of coverage, you can decide which system is right for you today and **easily upgrade** to more capability when you need it



Entering a new era where there are limitless opportunities to deliver better healthcare.



Sustainability



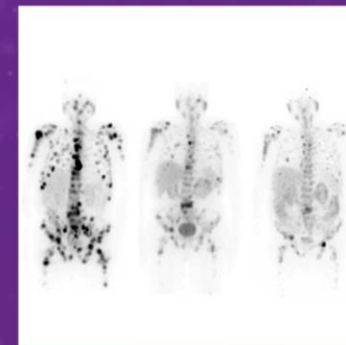
Access



AI / Digital



Efficiency + Capacity



**Precision Diagnostics
+ Therapeutics**

