



Entering a new era with
transformative AI and
digital technologies

Our purpose

Create a world
where
healthcare has
no limits



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 (MRI) pioneering, deep-learning based reconstruction algorithm that significantly improves SNR and image sharpness, enabling shorter scan times.

TrueFidelity™

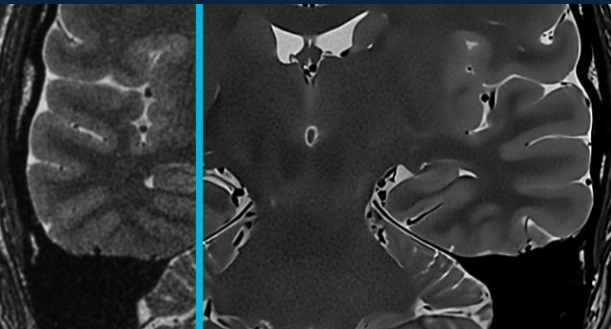
Computed Tomography (CT) state-of-the-art image reconstruction technology that uses a dedicated Deep Neural Network to generate high-definition, low-noise CT images. It produces images with exceptional sharpness, low-contrast performance and your preferred noise texture, even with low dose.

Precision DL*

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

Helix™

Helix Advanced Image Processing delivers sharp detail and consistent performance in X-ray, 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



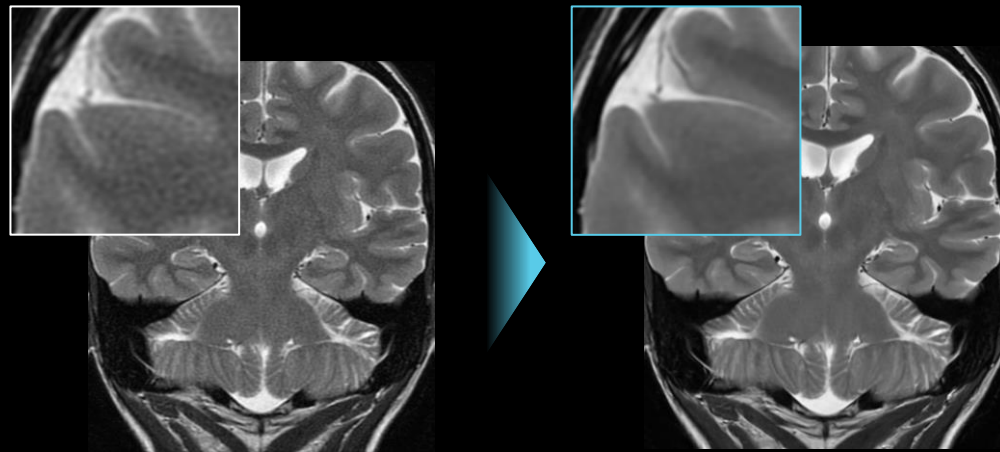
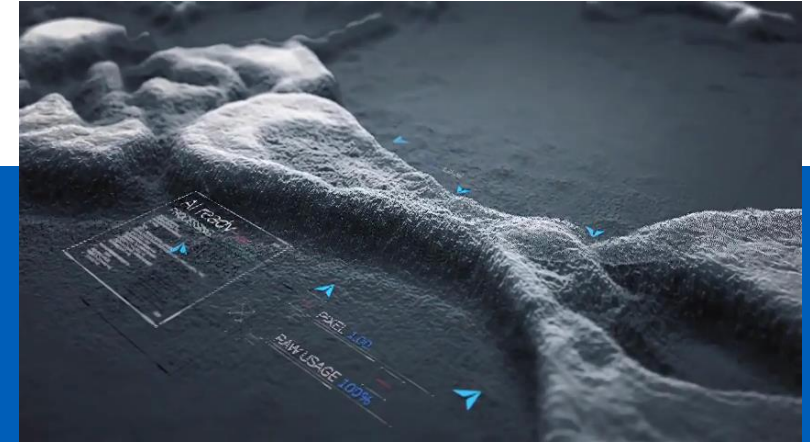
Increasing capacity with quality images in less time with AIR™ Recon DL



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

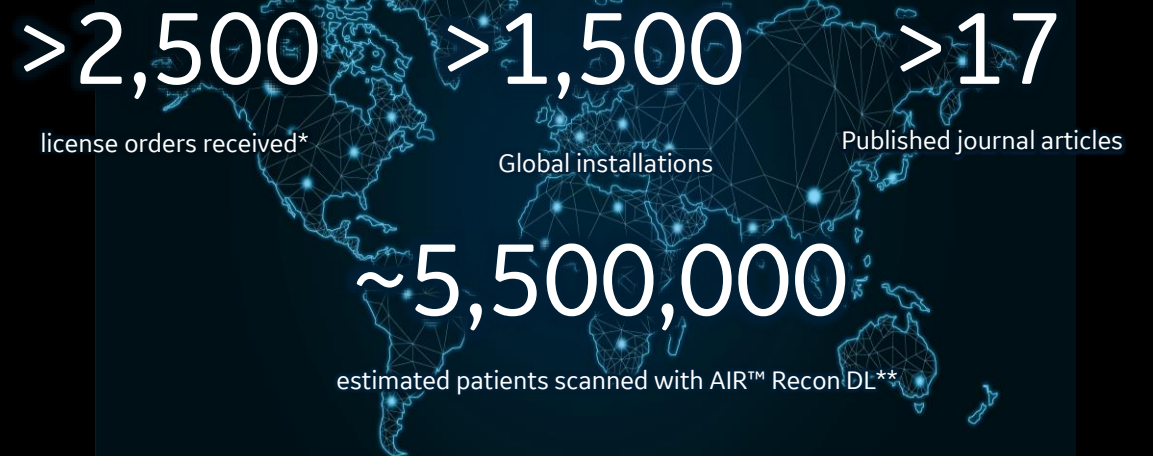
For patients: Comfortable MRI experience with up to 50% reduction in scan time



Conventional

 AIR™ Recon DL

Access & Productivity: Strength in numbers



Precision DL*: Designed to enhance your imaging with deep learning

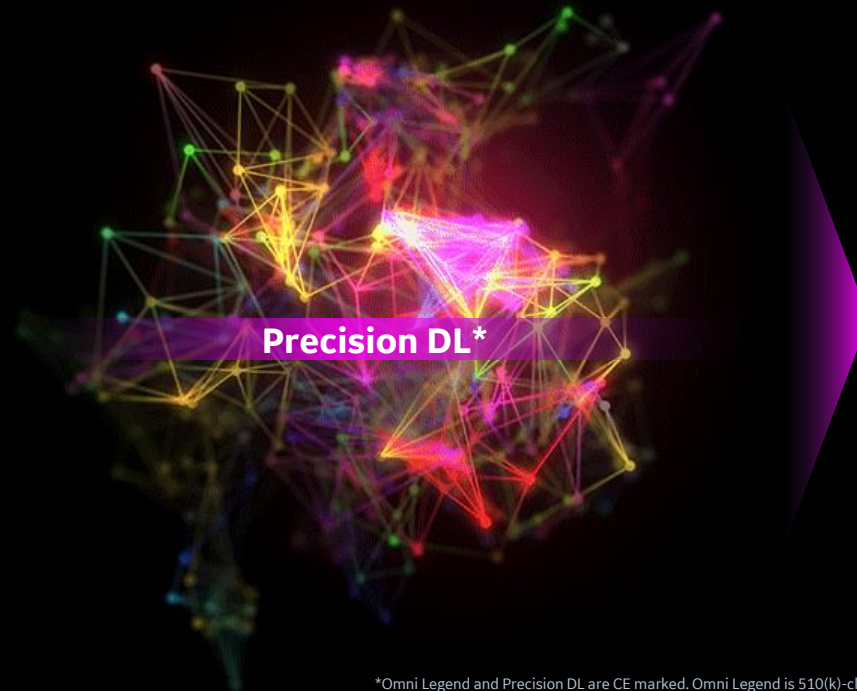


Engineered with sophisticated deep neural network

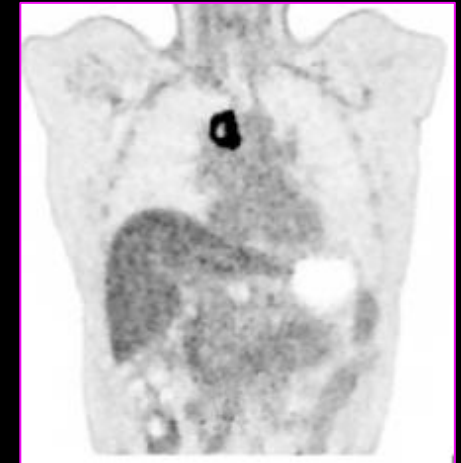
Trained on 1000s of images

- Images with different count levels and Q.Clear (BSREM) regularization
- Images with and without conventional ToF with timing resolution of 385 ps
- Clinical and anthropomorphic phantom images
- Images acquired on a lutetium scintillator with a sensitivity of 21 cps/kBq
- Does not include NEMA and ACR phantoms

Input: BSREM non-ToF



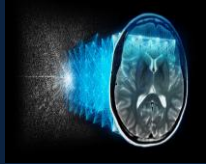
Output: BSREM + Precision DL*



Leveraging AI and analytics to address clinical and operational needs



ON-DEVICE AI



AIR™ Recon DL:
Deep-learning MR reconstruction



Critical Care Suite:
AI-powered X-ray



LOGIQ™ E10 Series:
AI-equipped ultrasound

FOR WORKFLOW

Imaging 360 for Operations:
Smart, easy-to-use solutions for the challenges that complicate your day-to-day

SOPHiA Genetics collaboration: Seeking better decisions based on data



FOR THE ENTERPRISE

Command Center: integrated workflow and operational data for hospitals

True PACS: cloud-native radiology system

- Ease of viewing from anywhere, anytime

Advanced Visualization: boosting productivity across radiology



Critical Care Suite 2.0*

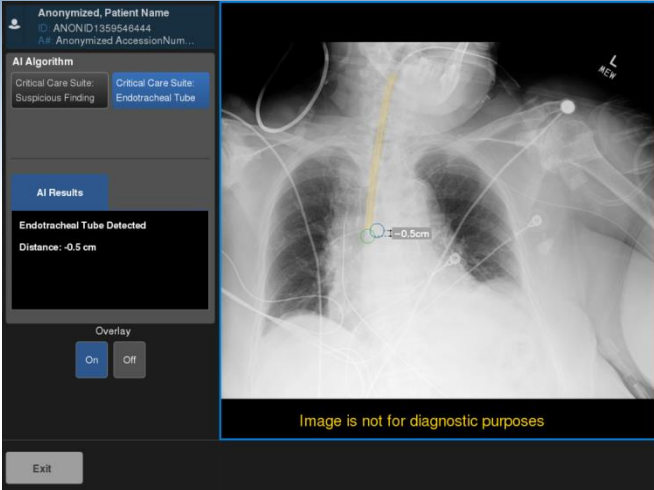


We developed a collection of on-device algorithms that integrate seamlessly with your existing X-ray workflow and assist you in delivering the highest quality care to patients

Clinical Decision Support

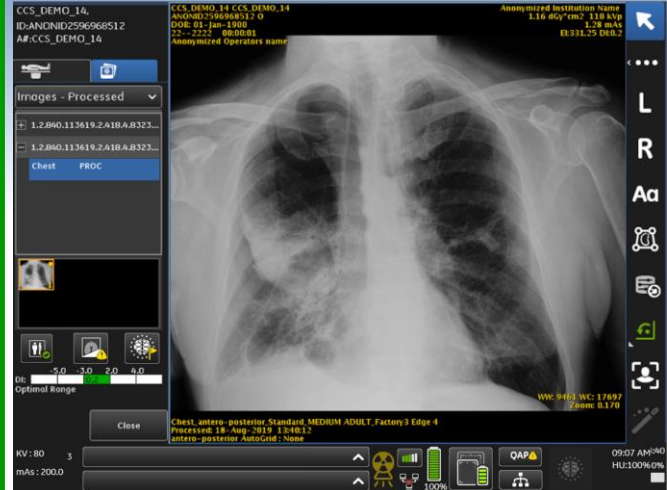
NEW

Endotracheal Tube Positioning



The first on-device AI solution that helps assess ET tube positioning

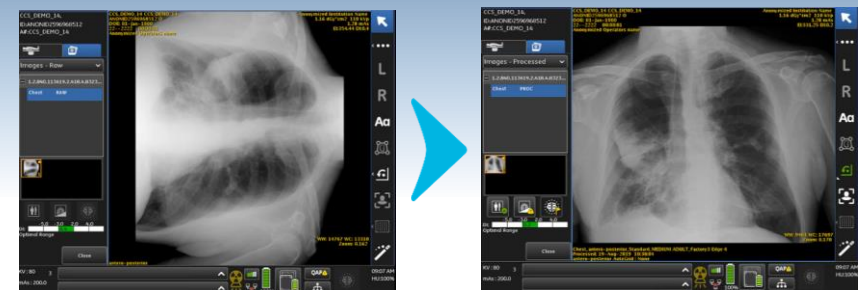
Pneumothorax Triage & Notification



On-device AI algorithm that identifies and helps prioritize critical cases such as Pneumothorax

Quality Control & Efficiency

Quality Care Suite



- Intelligent Auto-Rotate
- Intelligent Protocol Check
- Intelligent Field of View

AI algorithms that operate in parallel and help technologists reduce image quality errors and improve efficiency

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

**Not cleared or approved by the FDA. Distributed in accordance with FDA imaging guidance regarding COVID-19 public health emergency.*

LOGIQ™ E10

Empowering you to make the difference



Confident diagnosis

Comprehensive tools

Concise workflow

Smart investment



MAKE THE DIFFERENCE FOR YOUR PATIENTS

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

Our Focus on Imaging Operations



Imaging Operation Solutions

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.



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

Protocols

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



50% reduction in staff maintaining protocols ⁴

Scheduling

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



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

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.



Reduced no-shows up to **70%**¹

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.

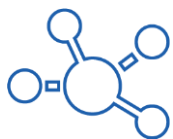
4. Results from Salud Digna, Mexico. The numbers discussed are from individual experience. Actual results may vary. GEHC does not guarantee results.

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

Digital Expert Access

Peer-to-peer collaboration anytime, anywhere

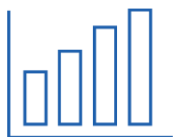
**Maximize your in-house resources.
Improve clinical outcomes.**



Leverage in-house expertise



Remotely access key controls in the scan room



Optimize resource utilization



Collaborate with up to 10 users and 3 devices

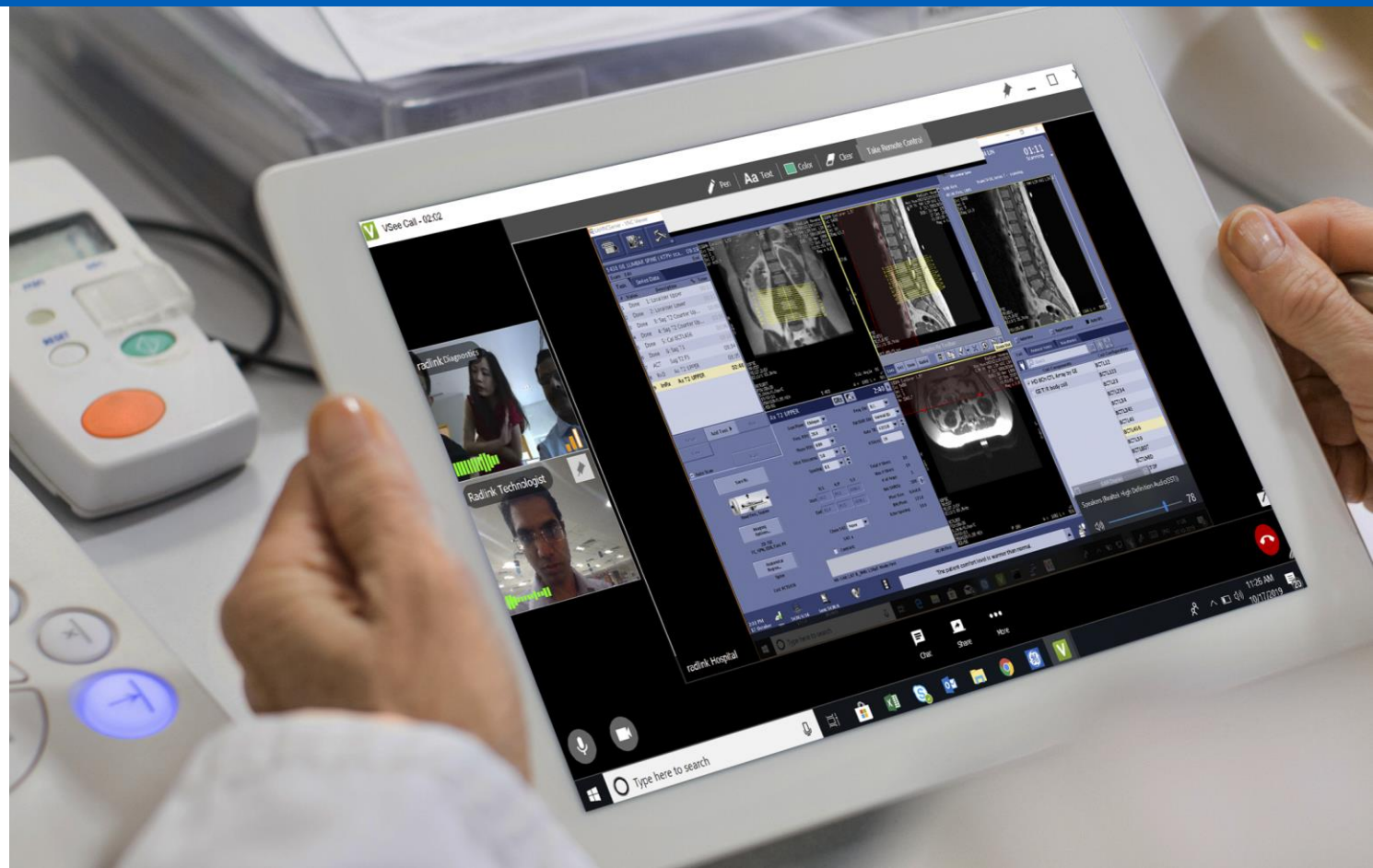
Not all products or features are available in all geographies. Check with your local regulatory representative for availability in your country.

1. GE Healthcare does not guarantee ROI. Results will vary based on the specifics of each customer.

How can Digital Expert Access impact your imaging dept?



- Standardizing care across your network improves experience, reduces variations and may help increase ROI¹
- Virtual access can help save time and utilize appropriate staff resources
- Live support helps to ensure accuracy, prevents repeat scans and boosts your staff's confidence



Intelligent Protocoling

Automate protocol selection

OUTCOMES

Reduce interruptions

>20%¹

About half of the surveyed technologists claim that Intelligent Protocoling has helped reduce interruptions to their operational workflow by greater than 20%.

Save Time

~85%¹

of the surveyed technologists agree that Intelligent Protocoling saves time in searching and selecting the right protocol.

Wrong/inaccurate protocol selection

42%¹

of users claim that the repeat scans related to wrong/inaccurate protocol selection may be avoided using Intelligent Protocoling.

Consistency

>2/3¹

of early adopter users claim that Intelligent Protocoling helps deliver uniformity in protocol selection across patients with the same exam indication.



How can intelligent protocoling impact your imaging dept?

- Help ensure that the most appropriate exam is performed for the clinical question or scenario while minimizing the radiation exposure to the patient
- Drive imaging consistency across the department
- Help reduce time and cost of imaging

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

1. Asst. Dir., Imaging Services, not-for-profit medical group serving more than 12 million members, based on 250 days of operation and \$1,500 revenue per exam.



Imaging Protocol Manager

Simplify imaging protocol management

OUTCOMES

54K¹

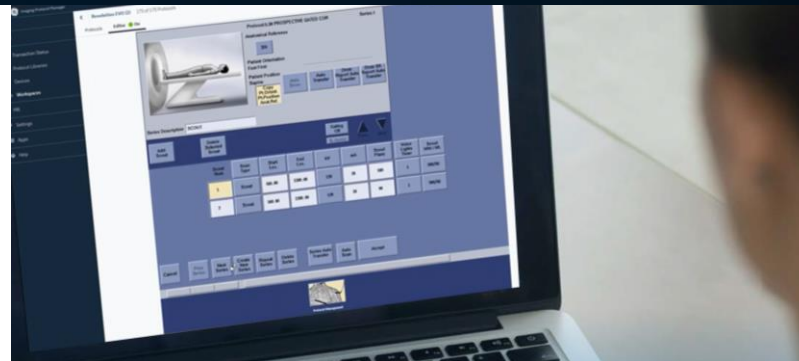
Increase in revenue per device per year from increased utilization and reduced downtime

\$1,500/day¹

Increase in revenue from additional exams made possible by a decrease in on-site maintenance

\$50K/year¹

Increase of radiologist productivity



How can Imaging Protocol management impact your imaging dept?

- Track and update CT and MR protocols for your GE devices to ensure consistent image quality and optimal patient care
- Meet regulatory standards, speed up the accreditation process and improve reimbursement rates
- Remotely update and manage protocols between facilities and make changes in minutes
- Create an audit trail of protocol changes, compare used protocols to published standards and review protocols before they're released

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

1. Based on survey responses analyzed from 32 technologists from 10 different sites using intelligent Protocoling in their clinical practice. No financial incentives or conflicts exist between GE Healthcare and the survey participant.

DoseWatch™

Simplify patient dose optimization

OUTCOMES

Drive Awareness



Get dose notifications early and often to identify outliers in patient dose data.

Enhance Workflow



Improve workflow through access to patient dose history and integrated EMRs.

Maintain Compliance



Promote compliance with national dose reference level (DRLs).

Optimize Patient Experience



Get high-quality images at the lowest possible radiation dose.

1. This feature is available in DoseWatch 3.3 and higher versions
2. This feature is available in DoseWatch 3.2 and higher versions

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



How can DoseWatch impact your imaging dept?

- Automatic multi-modality and multi-vendor dose tracking
- Help improve compliance needs in your market with benchmarking against national or local diagnostic reference levels (DRLs)¹
- Optimize scalability and fine tuning to increase efficacy and accuracy²
- Assist workflow improvement with automated detection of imaging workflow issues post-exam³

Imaging Insights

Improved visibility. Actionable insights. Better outcomes.

Imaging Insights regularly updates and correlates multiple data sources into one consolidated view

How can Imaging Insights impact your imaging dept?



- Operational efficiencies that drive productivity and decision making
- Clinical excellence to drive compliance guidelines
- Improve financial growth by attracting more patients and referrals

Equipment Utilization



Identify variations in equipment usage

Protocols



Protocol standardization and optimization

Schedule



Throughput and backlog improvements

Referrals



Doctors and facilities with the most referrals

Dose



Practice-level dose and compliance

Staff



Training needs and opportunities

Patient Experience



Identify and reduce wait time

Data Quality



Validated machine and RIS data

Imaging Insights Radiology Operations Module

Vendor-neutral departmental analytics



How can Imaging Insights Radiology Operations Module impact your imaging dept?

- Drive enterprise-wide efficiency and financial improvement
- Increase patient satisfaction by reducing procedures variability and exam duration
- Improve enterprise productivity and revenue by removing process gaps

OUTCOMES



Uncover departmental inefficiencies to drive improved wait times and patient satisfaction.



Streamline metrics reporting and operational improvement activities.



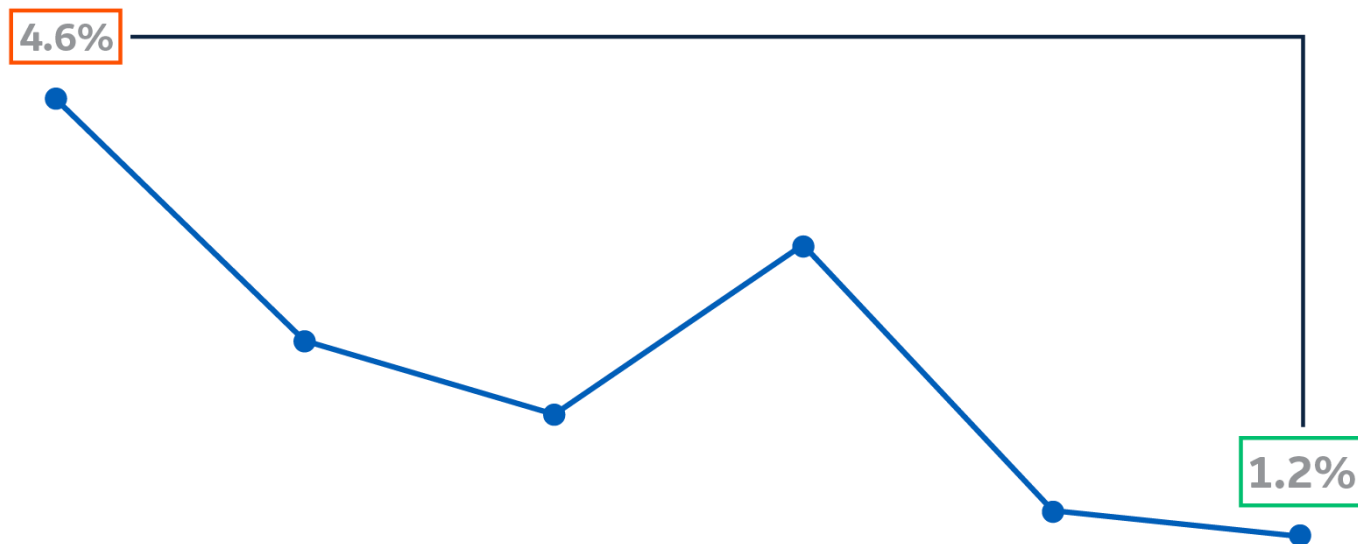
Balance Radiology departmental workload and increase referrals to help drive increased revenue.



Smart Scheduling

Helping you predict the unpredictable

REDUCE NO-SHOWS BY UP TO 70%¹



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

1. Results based on single pilot site. Results not typical and cannot be guaranteed. GE Healthcare makes no guarantees concerning the impact of the use of Smart Scheduling on customers' facilities.



How can Smart Scheduling impact your imaging dept?

- Track no-shows through automated and aggregated alerts throughout the day
- Save time and effort and increase your conversion rates
- Help support probability-driven decision making and actions
- Increase your predictability and have fewer disruptions

