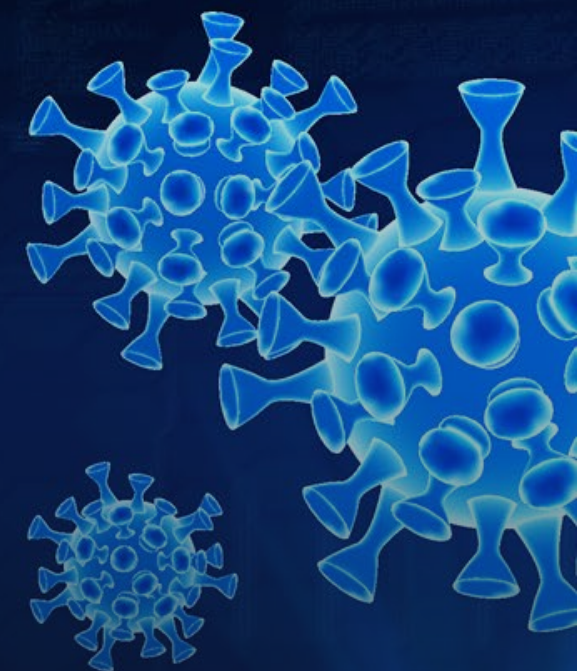


GE HEALTHCARE'S EFFORTS TO ADDRESS COVID-19

As the world navigates the unprecedented challenge presented by the COVID-19 pandemic, we at GE Healthcare support healthcare providers, partners, communities, and patients around the world in addressing it. We are inspired every day by their acts of courage and compassion and by the commitment of our own employees in supporting them. We are honored to serve alongside the many who are working hard to deliver swift, efficient, and quality care in this time of need.



GE HEALTHCARES RESPONSE TO COVID-19

Our Commitment to our Customers



- ✓ Our thoughts and support are with the medical teams as we navigate through the COVID-19 outbreak in the United States. We are impressed by your incredible work, passion and resilience in this challenging environment.
- ✓ **Our commitment toward our customers has never been stronger.** Together, we are all working around the clock to support you throughout this crisis.
- ✓ We have implemented and are closely managing the **resources and technical support** needed to maintain our services at the highest possible level while ensuring the safety of both our teams and yours.
- ✓ We are continuously monitoring the ever-changing circumstances around COVID-19 and are committed to do all that is possible to serve our customers. Specifically, we are focusing on **service maintenance capacity**, with particular attention to equipment such as **ventilators, ultrasound units, mobile X-ray systems and CT**, which play an essential role in patient care.
- ✓ We are committed to helping you navigate this crisis to the best of our ability, with the local help of our **field services and clinical applications** teams.
- ✓ **Thank you for your on-going trust in GE Healthcare** in good times, and more so in challenging times.



COVID-19

GE Healthcare is working around the clock to support the front lines in the global effort to contain, diagnose and treat COVID-19.

Critical Care

Anesthesia Delivery

Infant Incubation

Patient Monitors

Patient Monitoring Networking

Ventilation

Telehealth

Audio Visual Solution

Centricity University

Edison™ Datalogue™ Connect

Edison™ Simple Reporting

MURAL Virtual Care

Remote Training

Diagnostics

Cardiac Ultrasound

Computed Tomography

Diagnostic Cardiology

Handheld Ultrasound

Mobile Radiography

Mobile C-arms

Portable Ultrasound

Primary Care Ultrasound

Ultrasound PACS & Reporting

Women's Health Ultrasound

Operations

Consulting

Disinfection & Distribution

Encompass

Express Command Center

Imaging Insights

Remote Diagnostics

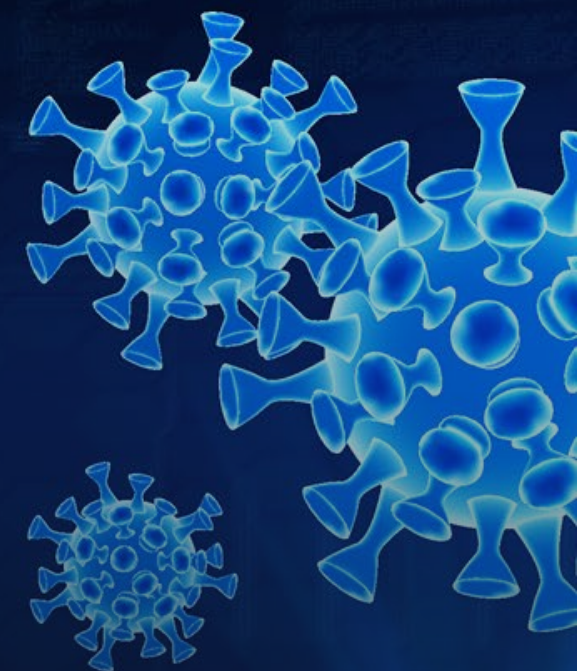
Skeye Cybersecurity

Software Marketplace

Ultrasound Probe Disinfection

Ultrasound TEE Disinfection

COVID-19 Resources



RESOURCES

American College of **Radiology**

American **Medical** Association

American **Nursing** Association

American Society of **Anesthesiologists**

APSF **Perioperative** Considerations

American Academy of **Pediatrics**

AWHONN

CDC / **Coronavirus.gov**

CDC / **Infection Control**

GEHC Instructions :
Off-Label Anesthesia for ICU Vent

GEHC COVID-19 **FAQs**

GEHC **Cleaning** & Disinfecting

JAMA Care for **Critically Ill**

SCCM **Emergency Resources**

World Health Org Technical Guidance Doc



INFANT INCUBATION

GIRAFFE OMNIBED CARESTATION

✓ **One baby. One bed.**

Minimize handling and touch by reducing bed transfers with One Bed.

✓ **Minimize Cross Contamination**

Hands- free alarm reducing touch of the device

Internal tilt mechanisms to support patient positioning.

Support treatment with devices which can be used within the bed- LED phototherapy systems

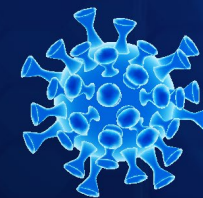
✓ **Microenvironment**

Physical barrier providing adjustable and patient specific thermal support to care for newborns requiring contact precautions.



UPDATE

Critical Care



GE's Commitment

Safeguarding babies from infection by preventing cross-contamination.

The Giraffe provides the baby with a protected and controlled environment:

One Baby. One Bed eliminates the need to transfer baby out of the bed. Thus reducing cross contamination and maintaining a controlled environment.

Ensuring a protective environment for times when separation of Mother and Baby is clinically necessary,



PATIENT MONITORS

CARESCAPE™ family offers full range of monitors including those used for intra-hospital transport designed to support patients throughout the hospital.

CHECK
WWW.GEHEALTHCARE.COM
FOR CONFIG
CONSIDERATIONS FOR
ADDING PATIENT
MONITORING

✓ Low to High Acuity Solution with Intra-hospital Transport

- ✓ 12-lead at bedside, MUSE connectivity, 12SL, EK-Pro
- ✓ Respiratory gas monitoring and DINAMAP SuperSTAT
- ✓ Data continuity with PDM transports trended data with the patient

✓ Modular & Flexible

- ✓ Modular components and parameter technology support rapid changes in patient acuity
 - ✓ Alarm management, 20+ parameters to choose from and 10+ waveforms

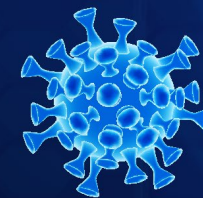
✓ Respiratory Gas Monitoring

- ✓ Water trap filtration >99.99% bacterial and viral filtration efficiency
- ✓ Complete respiratory gas monitoring toolkit:
CO₂, O₂, anesthetic agent, Patient Spirometry, and Gas Exchange
- ✓ Modules compatible with CARESCAPE Monitors, Avance CS² and Aisys CS² anesthesia systems and CARESCAPE R860 Critical Care ventilator



UPDATE

Critical Care



CARESCAPE Benefits

CARESCAPE Monitors help caregivers by providing clinical tools and parameters to meet even the **highest acuity patient needs**.

Designed by clinicians, the monitors are **fully modular and configurable** to meet the ever-changing clinical demands, to help ensure reliable results at every stage of patient care providing the accuracy you can trust.

CARESCAPE
Patient Data
Module
(PDM)



B450 B650 B850

D-fend Pro
Water Traps



GE Healthcare | COVID-19 Solutions

JB78679XX

PATIENT MONITORING NETWORKS

CARESCAPE MC Network Wi-Fi Support

✓ **Build-out temporary Wi-Fi support for GE Healthcare monitoring coverage areas**

- ✓ CARESCAPE™ B450 and B650 and Dash monitors
- ✓ CARESCAPE Mission Critical (MC) network support

✓ **Work with our Network Design and Installation team for rapid design and deployment**

- ✓ Review coverage needs (e.g., convention centers, arenas, pop-up tents)
- ✓ Rapidly design and provide quote for feasible coverage areas
- ✓ Simplified temporary coverage area deployment

✓ **Oversight with connected CARESCAPE Central Stations**

- ✓ Provide surveillance of monitored beds
- ✓ Full disclosure review with extended data review capabilities
- ✓ All-in-one display and CPU for easy deployment



¹ The monitoring devices are intended for use in a professional healthcare environment. If extending the professional environment outside the traditional hospital setting, ensure that all device-specific environmental operating conditions are met, including temperature, humidity, etc. and the devices are operated by trained clinicians in accordance with the User Manual/Instructions for Use.



UPDATE

Critical Care



Building monitoring Wi-Fi support in non-traditional hospital spaces¹



VENTILATION

CARESCAPE™ R860

✓ **Help Minimize Cross-Contamination**

- ✓ Available with single patient use flow sensor and exhalation valve assembly (SPU EVA). SPU and disposable accy can help prevent cross-contamination
- ✓ Disposable accessories & modular components (easy to remove & clean)

✓ **Advanced Ventilation**

- ✓ Innovative user interface and advanced user tools to support ventilation needs for the entire patient range from neonates to adults

✓ **Simple Interface**

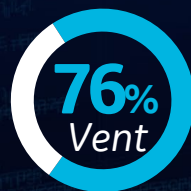
- ✓ Menu-free user interface with common naming conventions for ventilation modes & settings
- ✓ Easy to integrate into an existing ecosystem of vents

✓ **Learning from China & Italy**



7% of infected patients in Wuhan admitted to an ICU.¹

Wuhan, China



76% of patients receiving non-invasive ventilation at ICU admission required orotracheal intubation and invasive mechanical ventilation.¹



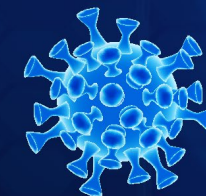
12% of infected patients in Italy admitted to an ICU.²

Italy



UPDATE

Critical Care



GE's Commitment

GE's offering is currently in high demand globally based on the extensive need for critical care ventilators as a result of the COVID-19 situation. Our factory is currently working to increase capacity to meet the global need.

News, Events & Resources

GE COLLABORATES WITH FORD TO PRODUCE VENTILATORS TO COMBAT COVID-19 PANDEMIC

Click for Article

ESICM LEARNING WEBINARS ON COVID-19

Increase clinical expertise on caring for COVID-19 patients and organizing care in crisis. *Click to learn more.*

4/9 10 AM CST WEBINAR : DR. LUCIANO GATTINONI
COVID-19 Global Disease Dynamics and Hands-On Treatment Best Practices. More details coming soon.

GE HEALTHCARE ICU VENTILATION USER RESOURCE

Refer back for frequent updates. *Click for webpage.*



1. Yang, Xiaobo, et al. "Clinical Course and Outcomes of Critically Ill Patients with SARS-CoV-2 Pneumonia in Wuhan, China: a Single-Centered, Retrospective, Observational Study." *The Lancet Respiratory Medicine*, 2020, doi:10.1016/s2213-2600(20)30079-5.
2. <https://jamanetwork.com/journals/jama/fullarticle/2763188>



GE Healthcare | COVID-19 Solutions

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ANESTHESIA DELIVERY

Aisys CS², Avance CS², Carestation 600 Series

✓ **Help Minimize Cross Contamination**

- ✓ Fully removable (without tools), autoclavable breathing system
- ✓ Can easily replace after a COVID-19 case with a clean breathing system to keep the machine operational at all times.

For specifics around approved cleaning guidelines, please contact a GE Healthcare representative.

✓ **High Acuity Flow Valve Technology Provides Continuity**

- ✓ Flow valve technology, same technology used in ICU ventilators.
- ✓ Transitioning lung-compromised patients into the OR allows for continuity of ventilation.

✓ **Respiratory Gas Monitoring**

- ✓ Water trap filtration >99.99% bacterial and viral filtration efficiency
- ✓ Complete respiratory gas monitoring toolkit:
CO₂, O₂, Anesthetic Agent, Patient Spirometry, and Gas Exchange



UPDATE

Critical Care



GE's Commitment

Many customers are requesting information regarding use of anesthesia systems for long-term ventilation.

We understand this information is important and is being seriously considered across the globe.

There are many implications in this decision. For this reason, please refer to GE's COVID-19 Off-Label Anesthesia for ICU Ventilation document, click on the link below:

GEHC Instructions :
Off-Label Anesthesia for ICU Vent

CENTRICITY™ UNIVERSITY EVALUATION

✓ **An on-demand training subset of the full Centricity University (CU) training solution**

- ✓ Remotely activate new users to your GE Centricity technology solutions, quickly and safely, without adding IT or HR burden
- ✓ Deployed via an online learning management system
- ✓ Developed by product and training experts for professional learners

✓ **What is included in the Evaluation Version?**

Only self-paced online learning modules are included in the evaluation version. This currently includes full access to these digital courses:

- ✓ Centricity Cardio Workflow Functional Application Overview
- ✓ Centricity Enterprise Web for Radiology
- ✓ Centricity Exam Manager
- ✓ Centricity PACS RA1000 Workstation Basic
- ✓ Centricity PACS RA1000 Workstation Advanced
- ✓ Centricity Universal Viewer Radiologist Workflow Training for the CPACS Foundation
- ✓ Centricity Universal Viewer Super User Workflow Training for the CPACS Foundation
- ✓ Centricity Universal Viewer Technologist Workflow Training for the CPACS Foundation
- ✓ Centricity Universal Viewer with Workflow Manager Radiologist Workflow Training for the CPACS Foundation
- ✓ Centricity Universal Viewer Zero Footprint
- ✓ Centricity Universal Viewer Zero Footprint Viewer for Cardiology Workflow
- ✓ Centricity Universal Viewer Zero Footprint Viewer for Radiology Workflow
- ✓ 2 more are planned for Cardiology (Cardiologist Workflow)

More to come!



UPDATE Telehealth



Self-Paced Training for Centricity™ Solutions

Centricity University Evaluation provides quick easy access to the Centricity University (CU) platform, an on-demand training subset of the full Centricity University (CU) training solution.

Changing healthcare dynamics are impacting our customers in many unique ways. Customers have new and temporary workers / volunteers from outside their normal employee ecosystem that need access to and understanding of their systems. They

need the ability to train these people remotely, very quickly.

This evaluation will allow them to consider how the CU platform may provide long-term flexibility in managing their training needs.



EDISON™ DATALOGUE™ CONNECT

Remote access to shared images and remote viewing capabilities

✓ **Share and collaborate on images, cases and reports**

- ✓ Remote access to shared images and remote viewing capabilities
- ✓ Maintaining imaging workflow productivity and continuity of workflow
- ✓ Protecting Doctors by allowing remote access
- ✓ Flexibility to expand staff to different locations via remote access
- ✓ Addressing new scenarios with flexibility: Field Hospitals

✓ **Two delivery options**

1. Quick set up option (Zero Install):

Advantages of the Zero Install Option

- ✓ No IT Support Needed
- ✓ Quick and easy access (within the same day for physicians to self-register and share)

2. Networked option (Edge Device Install):

Advantages of the Networked Option

- ✓ Customer specific organization
- ✓ Edge Device facilitates access to customer PACS



Edison Datalogue Connect is not a medical device and is not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease.



UPDATE

Diagnostics



GE's Commitment

Quick and easy image sharing between physicians, medical staff and remote healthcare professionals who need to collaborate.

Share images in a safe, HIPAA compliant, secure environment in moments when speed and functionality are needed the most.



GE Healthcare | COVID-19 Solutions

JB78679XX

EDISON™ SIMPLE REPORTING

On demand medical transcription and reporting

✓ **Deploy a dictation and text based reporting solution quickly and easily**

- ✓ Cloud based transcription and reporting that can be deployed with remote exam viewing capabilities to allow remote reporting
- ✓ Maintains radiology reporting productivity and continuity of workflow
- ✓ Helps to protect doctors by allowing them to read at home
- ✓ Provides IT staff a way to quickly expand reporting to different locations via remote access

✓ **Delivery Options**

Today:

- ✓ Deploy with existing Centricity™ PACS and Universal Viewer Zero Footprint viewer

Future¹:

- ✓ Deploy with existing Edison™ Datalogue (enterprise archive) and Universal Viewer Zero Footprint viewer [In Development]
- ✓ Deploy with cloud based (SaaS) version of Edison™ Datalogue (enterprise archive) and Universal Viewer Zero Footprint viewer

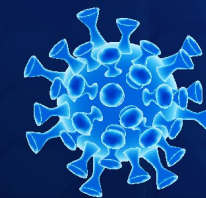


¹Any descriptions of future functionality reflect current product direction, are for informational purposes only and do not constitute a commitment to provide specific functionality. Timing and availability are subject to change and applicable regulatory approvals.



UPDATE

Telehealth



GE's Commitment

Edison™ Simple Reporting provides an on demand dictation and basic reporting solution that can be deployed for an emergent situation to support remote reading and reporting for timely patient care.

GE Simple Reporting - Google Chrome

Simple Reporting ZFPUSER

Patient Name: ANONYMOUS, GE343
Patient ID: MRN530
Patient DOB:
Accession Number: test_one_two
Exam Procedure: Unspecified CR HAND

Press Start to begin transcription

Start Pause Clear Submit

GE Healthcare | COVID-19 Solutions

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MURAL VIRTUAL CARE SOLUTION

COVID-19 Virtual Hospital
ICU and ventilated patient management



REAL-TIME¹ POPULATION SURVEILLANCE*

- ✓ Prioritize to help accelerate intervention
- ✓ Manage units across enterprise, toggling between hospitals and care units within your entity
- ✓ Ventilated patients color coded for identification and visualization

REAL-TIME PATIENT SNAPSHOT*

- ✓ Real-time comprehensive snapshot of patient data
- ✓ Trended and detailed views for all patient values, including vital signs, ventilation, and calculated results
- ✓ Complete overview of current ventilator settings, values, and key ratio calculations

CLINICAL DECISION SUPPORT*

- ✓ Help drive timebound actions
- ✓ Hospital developed protocols for vent management
- ✓ Patient monitoring trends



UPDATE

Telehealth



Prioritize critical patient cases by digitizing **hospital-defined protocols, care pathways, and Early Warning Scores Proactively** inform clinical teams, helping them deliver **responsive, timely, compliant care** across entire system.*

MURAL Benefits

- ✓ **ARDS & Deterioration Management**
Visibility to patient vitals, vent data and dynamic calculations for early detection of patient deterioration and ARDS*
- ✓ **Optimize Vent Management** ensure compliance to hospital defined protocols that may help reduce patients' time on ventilators and drive better utilization of ventilators across the enterprise*
- ✓ **Expand Remote Clinical Consults** and assessments with bedside care team collaboration
- ✓ **Limit number of direct contact** by providing real time visibility to patient status and trends with remote access
- ✓ **Maximize Clinical Resources** Activate virtual care solution to help optimize clinical resources (i.e. intensivist, respiratory therapist and other specialist)



1. Requires real-time HL7 data feed from connected devices.

* Enabled by DECISIOInsight® - a standalone medical device. DECISIOInsight not available in all countries, not CE marked.

*Mural Virtual Care Solution is not available in all countries.



GE Healthcare | COVID-19 Solutions

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AUDIO-VISUAL SOLUTION

All-in-one Video Collaboration

✓ **Plug and play**

Installation in minutes, leverages Wi-Fi connectivity and requires HDMI TV input and 2 power outlets

Quickly transform virtually any TV or monitor into an affordable telehealth solution

✓ **Connect Anywhere**

Connectivity - in and outside the hospital network, any device

✓ **Affordable & Scalable**

Subscription model provides simplicity to scale up and down as needed

✓ **Reliable & Secure**

Cloud-based network, geo-redundancy, firewall traversal, dynamic bandwidth, HITRUST Certified, HIPAA compliant, AES 256 bit encryption, TLS, SRTP



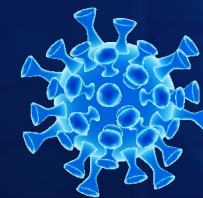
*Part of the Mural Virtual Care Solution

*Not available in all countries.



UPDATE

Telehealth



All-in-one video collaboration unit with integrated 4K wide-angle video camera and microphone array for voice pickup and clarity across the patient's room



HDMI-compatible Compute Stick with built-in Wi-Fi and Bluetooth, preloaded with the Intouch OS and anti-virus software

GE Healthcare | COVID-19 Solutions

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REMOTE TRAINING

Customized clinical training at your convenience

✓ **Digital technology to connect to clinical experts**

- ✓ Face-to-face technology
- ✓ Our trainers have extensive knowledge on the content and technology

✓ **Hand-on learning and personalized experience**

- ✓ Use your own equipment
- ✓ 1-1 training provides tailored training sessions
- ✓ Our instructors have visibility to user's primary monitor

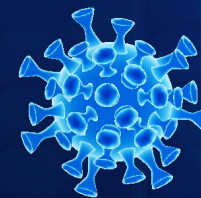
✓ **Flexible and convenient curriculum**

- ✓ Customizable to fit your schedule



UPDATE

Telehealth



GE's Commitment

Deliver one-on-one personalized and hands-on learning, providing support when and where you need it. Helping you maximize use of your equipment and ultimately, help you provide better patient care.



CARDIAC ULTRASOUND

Vivid iq™ and Vivid™ Ultrasound Family

✓ **Vivid iq and Infection Control**

- ✓ Sealed, easy to disinfect operation panel*
- ✓ Touch screen can be operated with gloves on

✓ **Power of Portability – Vivid iq**

- ✓ Lightweight (11.5lbs) ultraportable
- ✓ Intuitive touchscreen with exceptional image quality
- ✓ Up to 4 hours battery scan time with extended battery, up to 1 hour scan time without extended battery**, quick scan from Standby mode
- ✓ Lung presets available with cardiac, linear, and convex probes
- ✓ WIFI connection for fast transfer of images from isolated care areas
- ✓ Raw Data allows quick and efficient image acquisition with post-process full Raw Data images outside the patient room to help minimize exposure

✓ **Cardiac Capabilities in the Vivid Ultrasound Family**

AFI with Auto EF

- ✓ *Providing rapid LV strain and EF assessment*

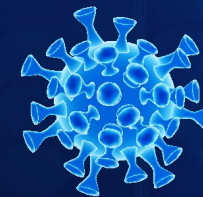
Cardiac Auto Doppler

- ✓ *Automated Doppler tracing and measurements with minimal user interaction*



UPDATE

Diagnostics



The Vivid portfolio for cardiovascular ultrasound offers many features to help streamline workflow & reduce time spent interacting with patients who may be COVID-19 positive:

- Raw data – allows post processing after the exam
- Cardiac Auto Doppler – automates Doppler measurements
- Flexiviews – provides quick access to predefined 4D/multiplane views
- 4VC Probe – One-probe adult 4D TTE solution avoids switching of probes (available on Vivid E95/E90 only)



* Please visit Vivid iq User Manual for validated cleaning and disinfection procedures.

** Depending on operation modes used and battery status

1 <https://www.123sonography.com/blog/covid-19-infection-earnings-italy>



GE Healthcare | COVID-19 Solutions

JB78679XX

COMPUTED TOMOGRAPHY

Revolution EVO Mobile & Modular Solutions

✓ **Revolution EVO supports large patient backlogs**

- ✓ Obtain fast, high-quality images and avoid patient and staff disruptions.
- ✓ Clearly see details as small as 0.28 mm.

✓ **Mobile Option**

- ✓ Choose from standard 48-foot unit or an interim 42-foot mobile CT unit.
- ✓ Equipped with radiation protection, air ride suspension, hospital-grade wall coverings, phone and data connections and a host of other benefits.

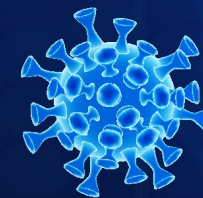
✓ **Relocatable Modular Building Option**

- ✓ A fully constructed, modular building for rapid CT deployment to address the critical need for diagnosis.
- ✓ Fully insulated, self-contained 90% HVAC filtration, lead-lined and equipped with UV functional lighting.



UPDATE

Diagnostics



“ ***Patients do not enter hospital facilities, protecting the staff and general population of hospitals and emergency rooms. The Modular CT Building can be sited in a temporary tactical area or off-campus and can be clinically repurposed*** ¹ ”



1. PDC Facilities, Inc.

GE Healthcare | COVID-19 Solutions

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DIAGNOSTIC CARDIOLOGY

MAC 2000 12-lead ECG & MUSE ECG Management

✓ **Portable 12-Lead, Easily Transported**

MAC 2000 is a portable 12-Lead ECG system which can be easily moved or transported to patients

Connectivity to the MUSE ECG management system.



✓ **Assist physicians in detecting patients at risk for cardiovascular disease, arrhythmias and clinical changes**

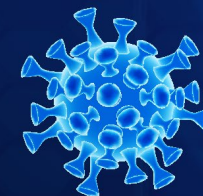
The MAC 2000 and MUSE systems work together to provide clinical tools to assist physicians to identify patients at risk for cardiac disease and track and important changes in the ECG that may occur over time

- ✓ Serial comparison of ECG waveforms and measurements can detect and notify clinicians of changes in the ECG
- ✓ Immediate access to current and previous patient ECGs
- ✓ Remote application training availability

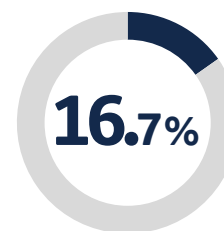


UPDATE

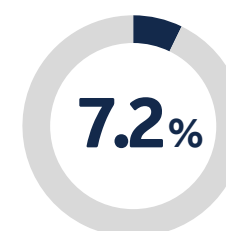
Diagnostics



What we've learned...



ARRHYTHMIA



ACUTE
CARDIAC INJURY

A recent ACC clinical bulletin on COVID-19 “Clinical Guidance for the CV Care Team” reports that in Wuhan, China, of 138 hospitalized COVID-19 patients, 16.7% of patients developed arrhythmia and 7.2% experienced acute cardiac injury, in addition to other COVID-19 related complications¹.



1. Wang D, Hu B, Hu C, et al. Clinical Characteristics of 138 Hospitalized Patients with 2019 Novel Coronavirus-Infected Pneumonia in Wuhan, China. JAMA. Published online February 07, 2020. doi:10.1001/jama.2020.1585, https://www.acc.org/-/media/Non-Clinical/Files/PDFs-Excel-MS-Word-etc/2020/02/S20028-ACC-Clinical-Bulletin-Coronavirus.pdf?_ga=2.106567755.931091875.1584380984-1598294360.1584380984



HANDHELD ULTRASOUND

Vscan Extend™ Dual Probe

✓ **Monitor Treatment**

Manage your treatment decisions with Vscan Extend, a portable ultrasound you carry in your pocket for quick information, to enable your accurate diagnosis and fast action.

✓ **Lung Workflow Apps**

The Vscan Extend has clinical & workflow apps specific to the lungs:

1 The Lung M-Mode App provides the M-Mode capability specifically to support lung assessment and documentation of signs like seashore.

- ✓ *Linear transducer with lung preset and sector transducer with cardiac preset*
- ✓ *Image can be stored, or a distance measurement can be made and stored*



Preview App

2 Lung Protocol App Navigates you through a systematic lung ultrasound exam.

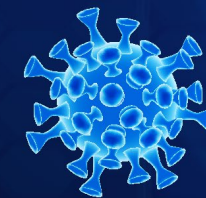
- ✓ *Automatically activates your scanning preset*
- ✓ *Annotates each image acquired during the lung exam*
- ✓ *Assess the images qualitatively, or leverage a scoring system*
- ✓ *Configure the lung protocol according to your needs*
- ✓ *Create a simple report that is stored with the exam*



Preview App



UPDATE Diagnostics



GE's Commitment

Vscan Extend™ handheld ultrasound can be used to help assess and monitor progression of acute respiratory diseases like COVID-19.

It can help clinicians triage patients suffering from acute respiratory and cardiovascular disease with deep and shallow scanning for lungs and cardiovascular conditions with a single probe.

Its portability, ease of use, connectivity (DICOM to PACS or cloud storage solutions) and cleanability makes an ideal tool for diverse care settings such as isolation wards.



GE Healthcare | COVID-19 Solutions

JB78679XX

MOBILE C-ARM

OEC Elite CFD

✓ OEC Imaging Chain

- ✓ See 1:1 detail captured on CMOS detector and presented on 4K display
- ✓ Efficiently view high-quality images with advanced imaging tools such as Live Zoom, motion tolerant subtraction, and pre-set profiles
- ✓ Traditional X-ray features, such as Digital Spot and Negate, provide quick diagnostic images

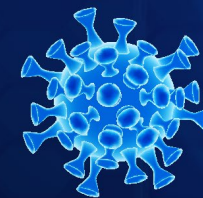
✓ Efficiency for dynamic patient caseloads

- ✓ Flexible to changing caseloads (diagnostic to interventional to surgery) in broad settings (emergency to intensive care to surgical rooms)
- ✓ Mobility room to room, uses wall outlet power, and quick start-up
- ✓ Depended on for real-time, immediate imaging during surgeries every day

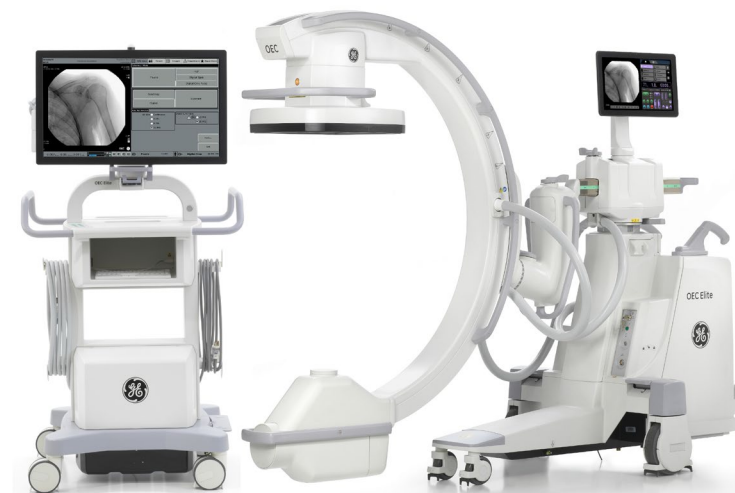


UPDATE

Diagnostics



When traditional X-ray resources are limited, OEC C-arms may be used in overflow or backup situations in emergency and intensive care settings, on adult and pediatric populations for diagnostic procedures.



MOBILE RADIOGRAPHY

Optima XR240amx

✓ **Exceptional clinical detail and visualization**

- ✓ 5 lp/mm visualization enables exceptionally fine detail
- ✓ Critical Care Suite* applies AI to help prioritize cases and provides tools to improve exam quality without adding additional delays or processing time

✓ **When seconds matter, it's ready when you need it**

- ✓ Standby to imaging – ready in seconds
- ✓ Quick Charge power management – in-bin detector charging for extended reliability

✓ **Maneuverable design and small footprint**

- ✓ Easily navigate through busy hospital corridors and within patient rooms.
- ✓ Fits in the tightest spaces



UPDATE
Diagnostics



ACR recommendations for COVID-19:

“ **Facilities may consider deploying portable radiography units in ambulatory care facilities for use when chest x-rays are considered medically necessary. The surfaces of these machines can be easily cleaned, avoiding the need to bring patients into radiography rooms¹** ”

1. <https://www.acr.org/Advocacy-and-Economics/ACR-Position-Statements/Recommendations-for-Chest-Radiography-and-CT-for-Suspected-COVID19-Infection>

*Critical Care Suite not available in Canada



PORTABLE ULTRASOUND

Venue Family : Venue™, Venue Go™

✓ Infection Control

- ✓ Seamless flat display enables thorough cleaning
- ✓ Button probe allows direct control of system from the probe
- ✓ Intelligent cable management keeps probe cables off the ground

✓ AI-Based Auto-tools for the Lung, Heart and IVC



Lung Assessments

- ✓ Auto B-line Tool-calculates the overall lung score by highlighting and counting B-lines in real time and displaying the image with the highest B-line count
- ✓ Lung Review- review all segments of the lung and follow up prior exams
- ✓ Preset shortcuts optimized for Lung consolidation or B-lines

eFast Tool

- ✓ Document patient status
- ✓ Map key areas of the body

Auto IVC

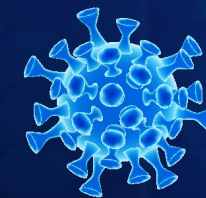
- ✓ Measure IVC collapsibility or distensibility accurately and automatically

Auto VTI

- ✓ Calculate VTI and CO in one simple step
- ✓ VTI Trending function helps clinicians quickly visualize and trend

UPDATE

Diagnostics



GE has ultrasound systems to support you as you work to care for your patients with COVID-19.

The Venue family offers a simple, fast and precise way for you to assess your patients' medical status. Rapid assessment may translate to fast clinical decisions in critical encounters.

Lung evaluations with ultrasound offer:

- ✓ Imaging capabilities when CT resources are at capacity
- ✓ Limiting transport of potentially contagious or hemodynamically unstable patients
- ✓ Non-ionizing radiation and relatively low-cost technology



*Not all features available on all systems. Probe cables not shown.



GE Healthcare | COVID-19 Solutions

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PRIMARY CARE ULTRASOUND

Versana Active™

✓ **Thoracic Application**

Lung Assessments

- ✓ Pleural preset under the thoracic application is used for lung evaluations
- ✓ Linear probes: Visualize subpleural consolidation and pleural thickening
- ✓ Curved probes: Extended depth and multiple rib spaces to get an immediate impression
- ✓ Phased array probes: Extended depth and single rib-space at a time

✓ **Automated Productivity Tools for the Lung and Heart**

Scan Assistant

- ✓ Predefined standardized exam protocols - walks user through steps of image acquisition, reducing keystrokes, helping reduce stress and fatigue and supporting exam consistency
- ✓ Scan Assistant Creator – provides flexibility to customize or create new protocols by the user and name them as deemed appropriate such as lung protocol

Whizz*

- ✓ Helps optimize images at the touch of a button continuously, even when proceeding one organ to another, or from scanning shallow to scanning deep
- ✓ Applicable for both B-mode and Spectral

Auto EF*

- ✓ Semi-automatic measurement tool for measuring global EF
- ✓ Tracks and calculates the myocardial tissue deformation based on feature tracking in B-mode cine loops
- ✓ Performed on either one or both apical 4-chamber or 2-chamber views (in any order)



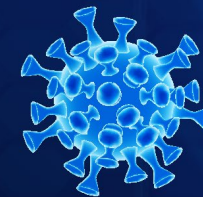
*Auto EF and Whizz are helpful for cardiac scanning

**Please refer to user manual for further information



UPDATE

Diagnostics



We have ultrasound systems to support you as you work to care for your patients with COVID-19.

Versana Active™ ultrasound system delivers the imaging capability of a console in a hand-carried, lightweight package that enables you to actively take your system to your patients, on premises or remote facilities. This reliable system brings the agility of a laptop unit with capability for attaching it to a cart. Adaptable to cover a broad range of everyday exams, it is easy to carry to clinics and physician offices.

- Evaluate and monitor patients' lung and cardiovascular condition with acute respiratory diseases like COVID-19
- Hand-carried, light-weight (5kg with battery) with capability to attach to a cart - to take to wards and different care areas (such as ED, ICU) in healthcare facilities
- Easy to use system with 50min battery time for scanning**
- Proper cleaning and disinfection between patients is necessary to help prevent disease transmission. Please reference our cleaner compatibility website <https://cleaning.gehealthcare.com> and our transducer cleaning and disinfection website <https://www.gehealthcare.com/products/ultrasound/ultrasound-transducers> **

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ULTRASOUND PACS & REPORTING SOLUTIONS

ViewPoint 6

✓ **Reduce Patient Exposure Time**

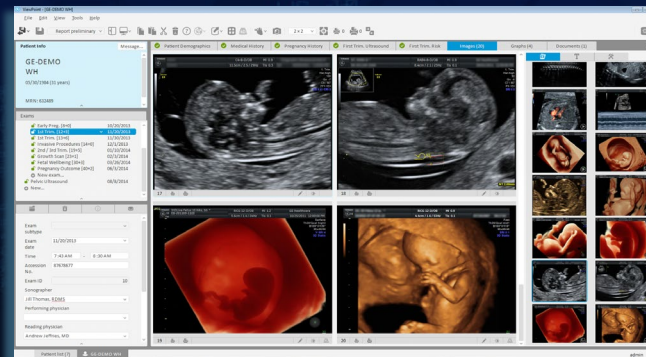
- ✓ Receives multi-frames for off-line anatomy review. Capture individual frames from multi-frame to obtain on-screen measurements, add annotations and save to Image Gallery
- ✓ Convert multi-frames to volume for post-processing in Integrated 4D View Software
- ✓ Post-process Voluson™ volumes off-line to reconstruct planes, measure and annotate
- ✓ EchoPac Suite* for remote CVUS DICOM image review, post-processing and reporting

✓ **Benefit from your Data Pool**

- ✓ Intuitive Analytics tool for scientific studies, quality assurance and administrative statistics
- ✓ Database queries to find, export, anonymize, and insert images into presentations
- ✓ Access to VP Care Innovator Portal of real-time anonymized clinical data

✓ **Access Remotely to Address Staffing Needs**

- ✓ Can be enabled over terminal services for remote access.



UPDATE

Diagnostics



Discover a simple, fast, and efficient way to create and share professional ultrasound reports.

Enjoy the confidence that all vital exam information is structured and accessible on one screen, with critical values visible in one view. Create user-defined fields or sections to document and track specific findings per practice or care management protocols.

Minimize your time on ultrasound documentation. Maximize the accuracy and consistency of your reports.



*EchoPac Suite is the marketing name for EchoPAC Plug-In



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WOMEN'S HEALTH ULTRASOUND

Voluson™ Performance Series for Labor and Delivery

✓ **Advanced Technology for Effortless Scanning**

- ✓ SonoL&D provides objective, quantitative data to help support clinical decision making and identify the need for intervention
- ✓ Decrease complexity, reduce keystrokes, and increase exam consistency with Sono-automation technologies
- ✓ Enhance patient/family communications with online educational videos

✓ **Mobility**

- ✓ Designed to fit in small areas, Voluson™ ultrasound systems have sleek, small footprints
- ✓ Move the system easily, while maintaining power with the battery pack. Unplug and scan for up to 20 min without power loss or having to re-boot. Quickly scan with ~15 seconds wake time

✓ **Simply Smarter Probe Disinfection**

- ✓ Help protect patients and staff with an easy to use high level disinfection system with Trophon EPR



UPDATE

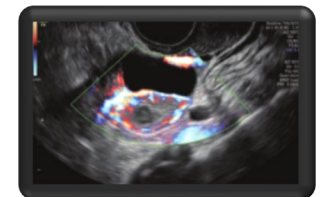
Diagnostics



GE has ultrasound systems to support you as you work to care for your patients with COVID-19.

The Voluson™ Family of ultrasound products in the labor process can help monitor the baby and mother to help you make informed clinical decisions.

The Voluson™ P8 brings the benefits of high performance ultrasound to your patients. Deliver confident, efficient care across a range of applications including obstetrics and gynecology to labor & delivery.



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CONSULTING

Help providers with a proactive, efficient means of coordinating their responses to the COVID-19 crisis.

• UPDATE



Apply Our Core Capabilities to Help Accelerate Current Actions In-flight

Utilizing CAP, Lean, advanced problem-solving techniques, analytics and scenario planning to stress test actions and create speed



Incident / Disaster (COVID-19) Command Center Operations

**NOT the GE Clinical Command Center*

Improve the operations, planning, accountability and alignment of actions within the established incident command centers

Support the appropriate processes of documenting and tracking additional expenses and lost income due to the disruption



Health System / Care Area Configuration for a 24/7 Clinical Operations

Prepare the appropriate surge strategies across clinical operations including surgery, ED, ICU, ancillary services, etc.



Staffing / Workforce Balancing

Implementing agile, flexible staffing strategies to help load balance across areas, departments and sites. This includes enabling virtual and remote work models



“Liquid” Supply Chain Operations and Stabilization

Recalibrating processes across the supply chain (receiving, distribution, logistics, etc.) and developing demand-based sourcing capabilities



Facilitate Local / Regional Healthcare Coalitions

Facilitate planning, communication and activation between local / regional hospitals, health systems, public health entities, governments, EDs and other key stakeholders



DISINFECTION & DISTRIBUTION PROGRAM

Standardize procedures, track assets, and stock where needed.

✓ **Reduce risk of cross contamination**

Disinfect equipment after patient use and prior to repair

✓ **Less time searching for clean assets**

Encompass real-time location system helps monitor available assets, track down misplaced assets and balance inventories across multiple departments and facilities



¹Based on internal GE Healthcare data
*Encompass available only in the US.



UPDATE Operations



A clean standard for grab-and-go mobile assets



Reduce the risk of cross contamination



Spend less time searching for clean assets



Reduce the number of can-not-locate assets



Implement a standardized, controlled process throughout your health system



Maximize asset utilization with location control



Gain data-driven insight into opportunities to reduce capital and operational expenses

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ENCOMPASS

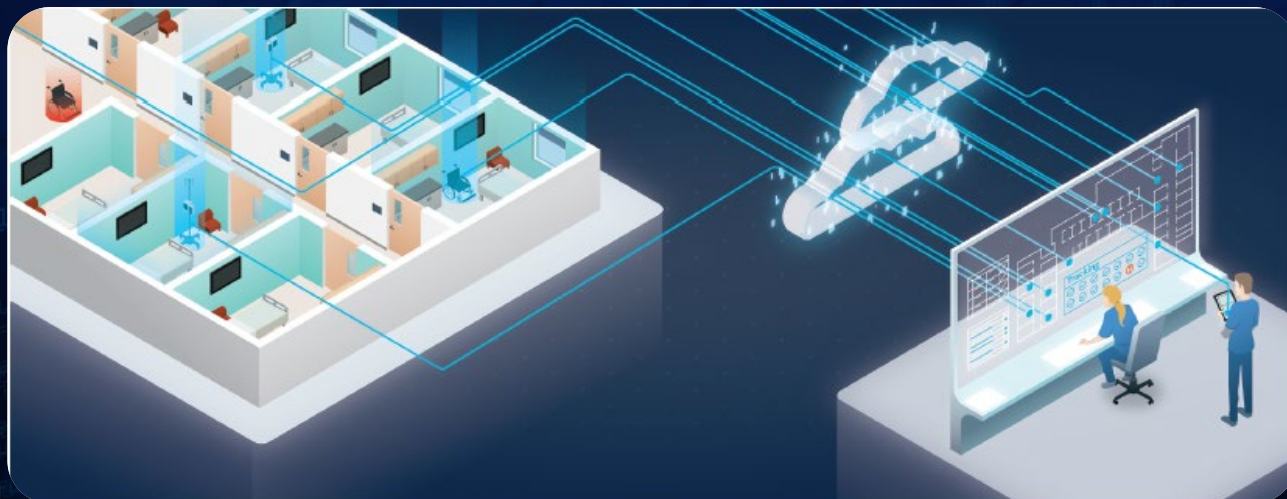
Care more. Search less.

✓ **The right equipment, ready when patients need it**

- ✓ Real-time location services help clinicians quickly locate necessary equipment
- ✓ Equipment usage tracking helps ensure proper mobile equipment allocations are maintained

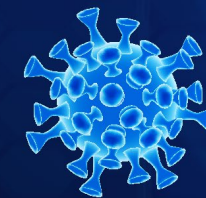
✓ **Simple and scalable deployment**

- ✓ Web-based and cloud deployed
- ✓ Low-energy Bluetooth integrates with existing WiFi
- ✓ Data accessible from computers, phones and tablets



*Encompass available only in the US.

1 In a small to medium size hospital (100-300 staffed beds), based on average 24-minute search time without Encompass, and four-minute search with Encompass. 2 Out of Control, Little-used Clinical Assets Draining Healthcare Budgets Whitepaper 2012.



UPDATE

Operations

Idle equipment

Did you know?

42% *of mobile equipment sits idle*
on average at any given time²

Encompass Fast Facts

\$714,000
saved annually on
mobile equipment
searching¹.

\$44,000
saved in 1st year
from reduced IV
pump rentals¹.

24,025 hrs
saved annually on
mobile equipment
search hours¹.

20 min
saved per search
Reduce search time
from 24 to 4 min¹.

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CV19 EXPRESS COMMAND CENTER

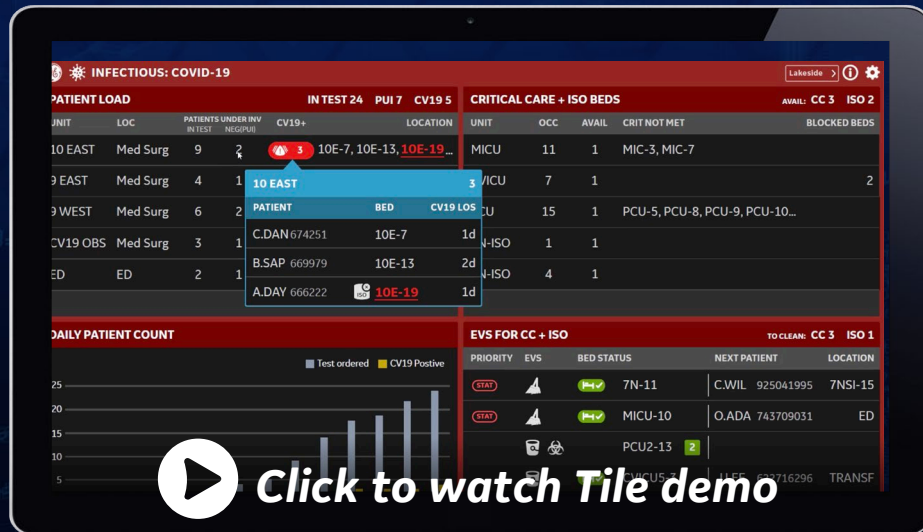
✓ **CV19 Critical Resource Tile**

- ✓ Real-time, all-time awareness of available beds.
- ✓ Drillable from State to City to Region to System to Hospital to Unit

✓ **CV19 Infectious Disease Tile**

- ✓ Real-time, all-time awareness of patient load, critical bed status, opportunities to downgrade, and various alerts (shown below)

✓ **Offered to both Health Systems and Regional Healthcare Collaboratives**



UPDATE Operations



Two Tiles that help match patients to critical resources dynamically in real-time (ICU beds, NP beds and vents). This avoids having underutilized resources in one place but oversubscribed elsewhere. Avoids delays and breakdowns common with manual and spreadsheet-based tracking mechanisms.

GE's Commitment

- ✓ 24x7 Turn-key support. User training. Coaching on optimal use. Participation in global community of practice.
- ✓ Delivered 100% remotely.
- ✓ Live within approximately 1 week from data flowing.
- ✓ Traditional or Subscription purchase options available.
- ✓ Ongoing support available.



IMAGING INSIGHTS

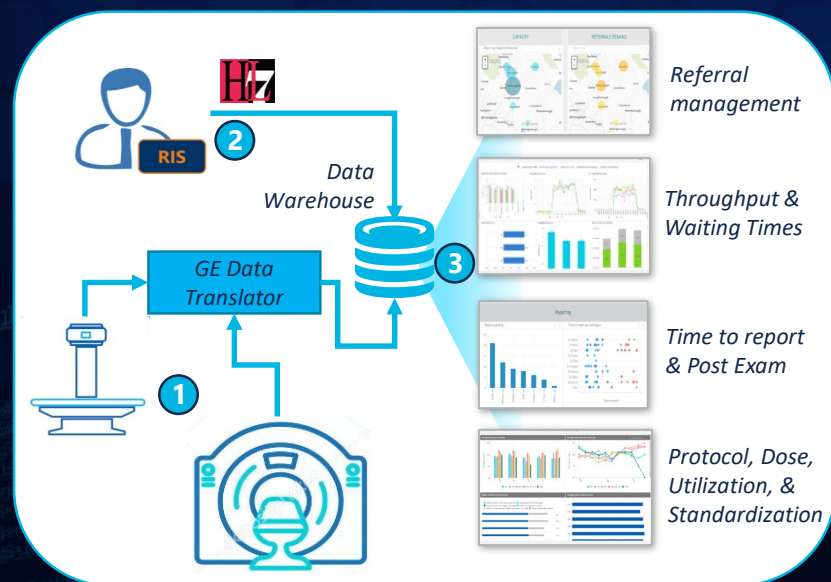
Improved visibility. Actionable insights.

✓ **Current challenges: limited visibility**

Imaging departments have to drive results with **ad-hoc or limited visibility** around several areas including: **utilization & throughput, quality & consistency, patient experience and physician referrals.**

✓ **The solution: Imaging insights with customer success**

How it works: It begins with data sourced from machines¹ (GE & non-GE), RIS, or both.

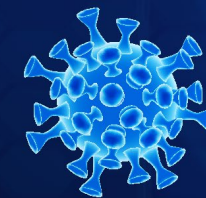


- 1 AGGREGATE** — Vendor neutral data aggregation, verified against the machine DICOM conformance statement, to ensure apples to apples comparisons
- 2 INTEGRATE** — If RIS integration is chosen, either use HL7, query retrieve, or any other methods available
- 3 INSIGHTS** — Practice data, drill down capability on the fly, organized by machine fleet type, RIS, and improvement opportunity areas
- 4 CUSTOMER SUCCESS** — Regular touchpoints with an analytics expert to train, pull in needed resources, and help align teams on common objectives + customer success leader touchpoint engagements during the year to supplement Imaging Insights dept wide data intelligence



UPDATE

Operations



GE Healthcare's Commitment

Proven outcomes with specific customers²:

Rapid Deployment

- ✓ Deploy across modalities for rapid operational improvement

Faster Patient Care

Improved Diagnostic Confidence & Speed

- ✓ Protocol harmonization

Enhanced Patient Experience

- ✓ Backlog reduction up to 8 weeks
- ✓ Schedule based on actual exam times, adapt challenging procedures

Increased Staff Satisfaction

- ✓ Predictable working hours
- ✓ Reduce delays and rush hours
- ✓ Shared common goal with team



¹ Currently released for RIS, MR, CT, and Mammography. ² The results listed are for specific customers who utilized Imaging Insights. GE Healthcare cannot guarantee these or similar results for other customers



REMOTE DIAGNOSTICS

Keep assets ready with remote repair solutions that reduce on-site repair needs and time.

✓ **NEW: Expanding Remote Solutions Offerings**
Solutions now **available for both contract and non-contract systems**

✓ **Remote fix with experienced engineers**
A suite of tools that allows GE Healthcare to monitor, troubleshoot and repair imaging & LCS systems remotely to increase uptime.

Remote technical support is provided by our technical service engineers with an average of 27 years experience

✓ **Save time requesting support and parts**
Enables pre-diagnosis repairs and ability to order parts before a service engineer arrives when fix cannot be resolved remotely

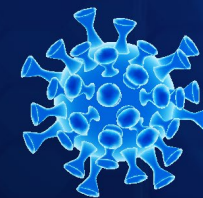
✓ **GE and MV data**
Robust problem solution database for prescriptive game-planning



¹ Based on internal GE Healthcare data



UPDATE Operations



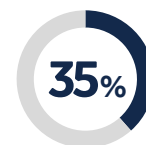
20 min or less

Up to 44% of issues can be repaired remotely, many in 20 min or less ¹



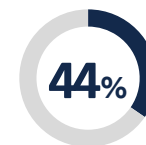
70% Onsite Reduction

Up to 70% reduction in onsite repair time ¹



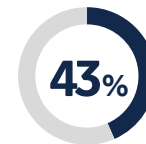
MR Remotely

35% of MR issues repaired remotely ¹



CT Remotely

44% of CT issues repaired remotely ¹



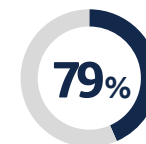
PET Remotely

43% of PET issues repaired remotely ¹



Ultrasound Remotely

50% of Ultrasound issues repaired remotely ¹



Life Care Solutions (LCS) Remotely

79% of LCS issues repaired remotely ¹

SKEYE

A holistic, vendor-agnostic cybersecurity solution to protect devices that enable patient care

✓ Take Command of your medical device security with:

- ✓ Security Operations Center to help detect, analyze, and respond in real-time.
- ✓ Leverage the power of **artificial intelligence** to help automate your device inventory and analyze the risk factors for each device
- ✓ Helping customers **detect and analyze vulnerabilities**, utilizing passive network analysis
- ✓ **Protect your assets** with remediation recommendations
- ✓ Assess the effectiveness of your medical device security program with a **clinical security assessment**
- ✓ Support your **in-house security team** with our experienced security event support team
- ✓ Know exactly where you are in the **remediation process**



*Skeye is only available in the U.S.A.

UPDATE

Operations



In 2019, 8 out of 10 hospitals reported a significant security incident in the last year¹. The average downtime was reported to be 10 days per cybersecurity attack². These numbers are now on the rise.

Forbes recently reported that “INTERPOL, the [International Criminal Police Organization](https://www.interpol.int/), has cautioned that it has detected a significant increase in cyber-attacks against hospitals around the world that are engaged in the COVID-19 response” and “has now issued a “purple notice” alert to law enforcement in all 194 member countries to support the global fight against this cybercriminal endeavor.”³

¹ <https://www.chicagotribune.com/business/ct-biz-hospital-data-breaches-20190307-story.html>

² <https://www.healthcare-informatics.com/news-item/cybersecurity/healthcare-data-breach-costs-remaining-highes-408-record/>

³ <https://www.forbes.com/sites/daveywinder/2020/04/08/cyber-attacks-against-hospitals-fighting-covid-19-confirmed-interpol-issues-purple-alert/#36c9c87758bc>

THE SOFTWARE MARKETPLACE

Discover, compare, buy and manage software from GE Healthcare and its partners at Apps.GEHealthcare.com

- ✓ **Browse by specialty, categories, functionality, and device families**
- ✓ **Access from your mobile or desktop, anywhere, 24/7***
- ✓ **Find the latest software for your GE Healthcare devices quickly**
 - ✓ Modern **open-access website** for mobile and desktop
 - ✓ Side-by-side comparisons for GE, partner and developer solutions
 - ✓ Assured GE device compatibility
 - ✓ Related app recommendations by category
 - ✓ Trusted, vetted listings with GE quality
 - ✓ In the future, discover, manage and try new apps directly from your GE devices within your workflow



*Anywhere internet is available
*All software may not be available in all markets

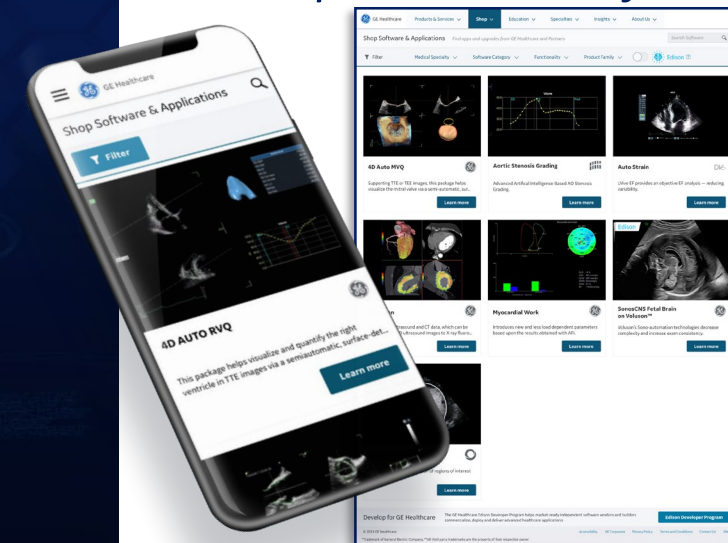


UPDATE Operations



GE's Commitment

Save time and effort in vendor evaluations. Find exactly what you need online, with filters by medical specialty, software category, functionality, and compatible device families



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ULTRASOUND DISINFECTION

trophon® 2 / trophon® EPR

✓ **Used for the high-level disinfection of ultrasound probes**

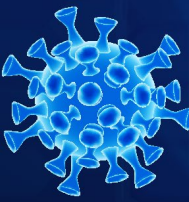
- ✓ Both products use the same core technology of sonically-activated hydrogen peroxide
- ✓ Offer a fast solution for HLD of probes through an automated, closed-door system

✓ **Efficacy against Coronavirus, including SARS-CoV-2**

- ✓ Coronaviruses fall into the category of enveloped viruses¹
- ✓ By definition, high level disinfectants inactivate²⁻³:
 - ✓ Enveloped and non-enveloped viruses
 - ✓ Vegetative bacteria
 - ✓ Fungi
 - ✓ mycobacteria
- ✓ trophon has not been tested directly against SARS-CoV-2, but the virus falls into the category of “enveloped viruses”

UPDATE

Operations



The trophon® family includes trophon 2 and trophon EPR systems used for the high-level disinfection (HLD) of ultrasound probes.

Both products use the same core technology of sonically-activated hydrogen peroxide and offer a fast solution for HLD through an automated, closed-door system.



trophon 2 and trophon EPR are manufactured by Nanosonics, Ltd. GE Healthcare is a distributor of trophon. trophon is a trademark of Nanosonics.

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1. EPA 2016. Guidance to registrants: process for making claims against emerging viral pathogens not on epa-registered disinfectant labels. Data Accessed: 06/02/2020. Available at: https://www.epa.gov/sites/production/files/2016-09/documents/emerging_viral_pathogen_program_guidance_final_8_19_16_001_0.pdf.
2. Federal Drug Administration (FDA) 2000. Guidance for Industry and FDA Reviewers: Content and Format of Premarket Notification [510(k)] Submissions for Liquid Chemical Sterilants/High Level Disinfectants.
3. Vickery K, et al. Evaluation of an automated high-level disinfection technology for ultrasound transducers. J Infect Public Health 2014;7(2):153-60.
4. Nanosonics. trophon Microbial efficacy. Date accessed: 06/02/2020. Available at: <https://www.nanosonics.us/clinical/microbial-efficacy/>

ULTRASOUND DISINFECTION-TEE

TD 100® Automated TEE Probe Disinfector /
TEEClean® Automated TEE Probe Cleaner Disinfector

✓ **Used for the high-level disinfection of TEE probes**

- ✓ Both products use the same core technology of sonically-activated hydrogen peroxide

✓ **Efficacy against Coronavirus, including SARS-CoV-2**

- ✓ Coronaviruses fall into the category of enveloped viruses¹
- ✓ By definition, high level disinfectants inactivate²⁻³:
 - ✓ Enveloped and non-enveloped viruses
 - ✓ Fungi
 - ✓ Fungal spores
 - ✓ Mycobacteria
 - ✓ Bacterial spores
- ✓ These organisms have been proven to be killed with at least a 6 log₁₀ reduction with TD-5 or TD-8 when used in either TD 100 or TEEClean
- ✓ The CDC states: High-level disinfection and sterilization of semicritical and critical medical devices, respectively, does not need to be altered for patients with known or suspected SARS.”

1. CS Medical, LLC; Effectiveness of TD-5 and TD-8 Against SARS-CoV-2. Statement from Kendall Ashe, Executive Director of Regulatory Affairs .
CSSS.0032.200318



TD 100 and TEE Clean are manufactured by CS Medical, LLC. GE Healthcare is a distributor of TD 100 and TEE Clean. TD 100 and TEEClean are trademarks of CS Medical, LLC.



UPDATE Operations



TD 100® Automated TEE Probe Disinfector

Designed to provide high level disinfection of transesophageal probes. It is automated to reduce patient exposure to improperly disinfected TEE probes.

TEEClean Automated TEE Probe Cleaner Disinfector

Offers an automated system that cleans and disinfects in one system – integrating the separate step and manual process of an enzymatic soak



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