



Sustainable ultrasound solutions for a resilient tomorrow

Versana Premier™ Ultrasound





Creating a more sustainable future requires we care for the planet and its inhabitants.

It is essential that we continue to drive progress toward early, precise, and accessible diagnosis and treatment of more patients. For the planet, it is critical that we do so with a reduced impact on precious and rare resources that are imperative to life. We believe that the advancement of precision health, greater digitization of healthcare, and increased access to quality care are fundamental to accomplishing this goal.

We support carbon policies that reduce greenhouse gas emissions and promote sustainable development. We are committed to achieving net zero by 2050 and are part of the UN-backed “Race to Zero,” with a goal of reducing emissions based on the Paris Agreement. We’ve also set a public goal to achieve a 50% reduction in our own operational emissions by 2030. As a result of these efforts, we want to enable a more sustainable health system by addressing not only the environmental impacts of our products but also the challenges healthcare professionals and their patients face with resilient, digital options.



We are committed to achieving **net zero** emissions by 2050.

We’ve set a public goal of a **50% reduction** in our own operational emissions by 2030.

We deliver sustainable, intelligently efficient solutions for a resilient tomorrow.

Building a healthier world to help improve access to care and enable better patient outcomes.



Green

Using fewer resources for a healthier planet.

Digital

Transforming healthcare through innovation.

Resilience

Building flexibility and dependability across healthcare systems.



Versana Premier ultrasound helps create a resilient tomorrow.

Versana Premier ultrasound and its services help ensure that health professionals and the patients they serve have the technology necessary to create a sustainable and resilient tomorrow.

Reducing environmental impact

- Versana Premier's standby mode reduces energy use by 71%, an 11% energy savings compared to previous versions.
- Noise levels are reduced 78% compared to previous versions.
- 90% of the raw materials used in the system can be recycled.

Improving outcomes

- World-class image quality is supported by Versana Premier's VisionBoost advanced imaging platform.
- Versana Premier has Whizz™ clinical features that save time and simplify workflow.
- Simplify scans with productivity tools for breast and bladder, plus AI-powered auto labeling of the right kidney, gallbladder, and liver in the right upper quadrant with Whizz Label.





Contributing to a healthier planet

More than half of the healthcare sector’s climate footprint, approximately 53%, is attributable to energy use.¹ As a result, we have strengthened our commitment to environmentally conscious design and sustainable practices across our product manufacturing, sourcing, distribution, installation, and service operations. This includes improving energy efficiency, optimizing the use of limited or rare materials, providing digitally enabled and remote predictive and maintenance service throughout the product lifespan, and offering refurbishment and recycling options at the end of product life.

GE Healthcare environmental management system is ISO 14001 certified

Our production and service operations align to ISO 14001 standards.

We’re committed to environmental product design

Versana Premier conforms with IEC60601-1-9:2007.

Materials

GE Healthcare reviews the environmental aspects of the material supply used within our products to increase recyclability and decrease the use of hazardous substances, when possible.

Recyclable

Ferrous metal: 40%
Non-ferrous metal: 31%
Plastic: 19%

Reduce the use of hazardous substances

EU RoHS directive 2011/65/EU

REACH (EC) 1907–2006

Versana Premier is manufactured in our Wuxi, China, site which has recently installed a rooftop solar system designed to generate 100 million kW·h per year.

The Wuxi site features energy-efficient air conditioning and a smart energy management system which is designed to continuously reduce energy consumption 90%.

Manufacturing

Through our environmental reviews, we also focus on implementing renewable energy and reducing waste.

Renewable energy

Prior to the addition of the rooftop solar system, ultrasound manufacturing at the Wuxi manufacturing facility was 876,376 kW·h.

Reduced electricity

The solar-generated energy should reduce that by about 18% or 100 million kW·h per year.

¹ Health care climate footprint report | Health Care Without Harm (noharm-uscanada.org)



Packaging and distribution

GE Healthcare imaging equipment has a robust and multi-sourced supply chain for systems and spare parts across all product portfolios.

Improved packaging

Up to 43% of Versana Premier's packaging material can be recycled including:
Corrugated cardboard: 28%
PE plastics: 14%
Metal: 1%

Product transportation

Shipment method of Versana Premier is broken down as follows:
Air transport: 81%
Ocean transport: 1%
Truck transport: 18%



18% product transportation utilizes low environmental impact modes

Product utilization

Our imaging products are designed to help enable energy efficiency through dedicated features and advanced applications to reduce the environmental impact.

Ergonomically designed

Reduce staff burden

The Versana Premier is adjustable in two dimensions:

- Swivel left-right: +/- 30° from center
- Lift up-down: 160 mm

The monitor can be adjusted forward and backward, up and down, and inclined to suit the operator.

The probes have been ergonomically designed to:

- Handle and manipulate with ease.
- Connect to the system with one hand.
- Be lightweight and balanced.
- Have rounded edges and smooth surfaces.

An optional foot switch can be used for comfortable hands-free system control.

Noise level

Versana Premier has a decibel range of 21.96~39.51.

Its minimum noise level is 78% of the acoustic level of previous versions.

At maximum noise level, Versana Premier is 7.28 dBA or 18.43% when compared to previous versions.



Product utilization (Cont.)

Reduce energy consumption

Instructions are provided for use of the equipment to minimize the environmental impact during installation, use, and operation.

Reduce energy consumption during use

Using standby mode, Versana Premier can reduce energy consumption up to 71%.

When compared with previous versions, Versana Premier reduces energy consumption 11% under ready-to-scan mode.

Freeze mode is activated automatically after 2 minutes of scanning air.

Power consumption

Standby mode uses 96.5% less energy than ready-to-scan mode and more than 97% less energy than scan mode.

Off Mode: 2 W

Standby (no scan): 6.6 W

Ready-to-scan 4D: 139.7 W

Ready-to-scan Freeze: 117.6 W

24 h energy consumption, measured per COCIR guidance:

Off: 0.9018 kW·h

Standby: 0.957 kW·h

Ready-to-scan: 3.3528 kW·h

Reduce consumable energy utilization

There are zero carbon emissions at place of use.



End of product life

We are increasingly putting our retired products' materials back into the supply chain to maximize efficient use and minimize unnecessary waste. This circularity model enables our imaging products to extend their clinical impact through longer lifespans while reducing the environmental footprint. Additionally, we offer our customers partnered support for upgrades and services throughout a product's lifespan to maintain optimal performance and help drive better patient outcomes.

Our refurbishment programs involve an extensive inspection and testing process, designed to bring equipment back to its original certified manufacturing specifications. If the system is not suitable for refurbishment, eligible parts are harvested for reuse after quality and performance testing, while the rest are returned to dedicated recycling facilities.

Product utilization (Cont.)

Guidance

Equipment instructions are provided to minimize the environmental impact for disposal or recycling.

Upgradeable hardware and software options are provided as a solution to extend the product lifespan.

Upgrades are available for Versana Premier.

Parts harvesting and refurbishment options are provided to reduce waste and environmental impacts while extending imaging access to less advantaged regions.

94–96% of most systems are reused, refurbished, or recycled, extending the lifetime of each product.²

Versana Premier parts are eligible for assessment through the refurbishment program, in which they are assessed for refurbishment, harvesting, or recycling at the appropriate time in the lifespan.²

95% of parts are harvestable for spare parts.

Refurbished Versana Premier consoles are available.

Waste reduction

This system is in accordance with Waste Electrical and Electronic Equipment (WEEE) regulations.

² Products within ultrasound are eligible for refurbishment, although whether a system is refurbished versus harvested for parts or otherwise recycled or reused is dependent on the state of the system when GE Healthcare takes possession of it. Data on file.



Digitizing healthcare through transformative innovations for a resilient tomorrow

We are committed to investing in digital capabilities that help accelerate clinical decision making, optimize imaging operations, and drive efficiencies in exam workflows, all of which can improve patient outcomes. Enabling digital transformation will further enhance our predictive and maintenance service operations for the life of your products.

We are also dedicated to driving a more resilient and sustainable future in healthcare. Many factors, including the pandemic, climate-related weather disasters, and supply-chain issues amplified this need. Managing operations through these challenges requires resilience and perseverance.

Advancing clinical outcomes

Advanced applications and cutting-edge AI tools provide personalized data to drive actionable insights, helping healthcare professionals make fast, accurate clinical decisions for care pathways.

Gain actionable clinical insights quicker for earlier diagnosis

Versana Premier features several advanced tools for clinical insights and earlier diagnosis including:

- Auto IMT to help assess atherosclerosis risk with automated measurements.
- SonoBiometry which automatically suggests caliper placements and automates standard fetal measurements.

Keep your imaging equipment up to date with advanced clinical applications

Versana Premier is designed to download software updates when they are available using InSite™. Software download monitors, notifies, delivers, and installs available system software updates.

Drive advancements of precision health

Versana Premier features several advanced tools including:

- Auto EF which measures global ejection fraction and can automatically track myocardial tissue deformation.
- Auto IMT which enables automatic measurement of the intima media thickness of common carotid artery.
- Auto Bladder Measurement which enables automatic detection of bladder border and volume calculations, including a volume estimate of residual urine.



Optimizing imaging operations

Our AI-based and advanced digital solutions are designed to increase efficiencies across the radiology spectrum without increasing the administrative and training burden on radiologists and technologists.

Increase productivity and consistency

Versana Premier's suite of AI-based tools help reduce manual steps and increase productivity.

- Whizz Label is powered by AI to enable automated labeling of the right upper quadrant organs.

Reduce downtime

The remote service platform InSite connects you with a GE Online Service Engineer or Applications Support Engineer. It has remote diagnostics capability as well as the ability to request service. Platform is available in some markets.

Cybersecurity

GE Healthcare's Design Engineering Privacy and Security (DEPS) process follows GDPR, HIPAA, NIST 800-53, NIST 800-30, ISO 27001, and NIST CSF requirements.



Enabling intelligent exam workflows

Intelligent automation features help to drive consistency, enable fast, easy exams, and improve workflow with fewer resources, all while achieving similar or improved outcomes.

Reduce setup time

Simplified workflow feature can reduce setup time for patient information management.

Reduce exam time

Versana Premier's tools, including Whizz Label, Auto EF, Auto IMT, SonoBiometry, and Auto Bladder Volume, enable automated measurement of common clinical values, which can reduce scanning time.

Ease of use

Simplified workflow features for patient information management can reduce operation steps up to 50% over previous versions.

Cleanability

Our equipment is designed to be cleaned and disinfected easily. We continue to test and approve new cleaning and disinfecting agents. Visit [Cleaning.GEHealthcare.com](https://www.gehealthcare.com/cleaning) for updates. This includes validated cleaning and disinfection instructions for probes.



Building a healthy world to help enable better patient outcomes.

GE Healthcare is a member of COCIR, the European Trade Association representing the medical imaging, radiotherapy, health ICT, and electromedical industries.³

³<https://www.cocir.org/about-cocir/members.html>

Not all products or features are available in all geographies. Check with your local GE Healthcare representative for availability in your country. Not all features are included in the standard system configuration. Check with your local GE Healthcare representative.

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