Sustainable monitoring solutions for a resilient tomorrow

CARESCAPE Canvas™ patient monitor

GE HealthCare

Creating a more sustainable future requires us to 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 medicine, 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. GE HealthCare is committed to achieving net zero by 2050 and we have signed up to the Science Based Targets initiative (SBTi) business ambition for 1.5C, a group of visionary corporate leaders taking ambitious climate action, and we have committed to implementing science based targets. This includes a public goal to reduce operational emissions (scope 1 and 2) by 50% by 2030 against a 2019 baseline. 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 solutions.

We are committed to achieving net zero emissions by 2050.

We've set a public goal to reduce operational emissions (scope 1 and 2) by 50% by 2030.

Leading a new era in sustainability for a more resilient tomorrow

We're creating a world where healthcare has no limits, helping to improve access to care and enable better patient outcomes.

Environmental
Using fewer resources for a healthier planet.

Digital
Transforming healthcare through innovation.

Resilience
Building flexibility and dependability across healthcare systems.

CARESCAPE Canvas™ helps create a more sustainable tomorrow

Our CARESCAPE Canvas™ patient monitoring solution and its services help ensure clinicians and the patients they serve have the technology necessary to create a more sustainable and resilient tomorrow.

Reducing environmental impact

- **Saving energy:** CARESCAPE Canvas 1000 system uses 25% less energy than the earlier CARESCAPE B850 system with the same setup[1]

- **Reducing packaging volume:** CARESCAPE Canvas 1000 packaging volume is 53% smaller and packaging material mass is 48% smaller than packaging of the equivalent CARESCAPE B850[2]

- **Compatibility:** The CARESCAPE Canvas monitors are fully compatible with the existing CARESCAPE devices, such as CARESCAPE ONE monitor, CARESCAPE Parameter devices and CARESCAPE Patient Data Module (PDM)

Improving care

- One unified monitoring solution across your enterprise

- A FlexAcuity™ solution adapts to changing conditions

- Clinical excellence by design

[1] CARESCAPE Canvas and Bx50 Power Consumption Measurements and Energy Usage DOC2742033.
[2] Monitoring Solutions HKI Product Packaging Volume and Weight Data DOC2770171.

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 we are implementing more 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 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	CARESCAPE Canvas products fulfill IEC60601-1-9:2007 requirements[2]

[1] Health care climate footprint report | Health Care Without Harm (noharm-uscanada.org), based on 2019 report
[2] DOC2727320 for Canvas 1000 & Canvas D19, DOC2727322 for Canvas Smart Display

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.

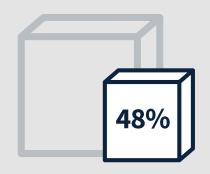|	
Recyclability	We're committed to high recyclability of our products and reuse when possible.
	CARESCAPE Canvas materials are recycled according to the product WEEE Passport[1]
Reduce the use of hazardous substances	EU RoHS directive 2011/65/EU[2]
	REACH (EC) 1907-2006[3]

[1] CARESCAPE Canvas CS1000 and Smart Display WEEE Selective Treatment Passport DOC2705805, CARESCAPE Canvas D19 WEEE Selective Treatment Passport DOC2705810.
[2] MDR DoC CARESCAPE Canvas 1000 DOC2686470 , MDR DoC CARESCAPE Canvas Smart Display DOC2717323, MDR DoC CARESCAPE Canvas D19 DOC2686469.
[3] EU REACH Substance Communication Monitoring Solutions DOC2706411.

53%

less product transportation volume

48%

less packaging material mass

Packaging and distribution

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

Reduced packaging material and volume	CARESCAPE Canvas 1000 packaging volume is 53% smaller and packaging material mass is 48% smaller than packaging of the equivalent CARESCAPE B850 system (B850 CPU + D19KT)[1]
Packaging materials	CARESCAPE Canvas packaging material consists of following materials (% per weight) • Cardboard – 64% • Plastics – 31% (recyclable PE and EPE) • Other – 5% (Silica gel desiccant)[1]

Manufacturing

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

Renewable energy	All products (including CARESCAPE Canvas) produced at the GE Healthcare Helsinki Site are manufactured by using 100% renewable electricity
Reducing electricity	Through our environmental reviews, we are committed on implementing renewable energy and reducing waste in our manufacturing

[1] Monitoring Solutions HKI Product Packaging Volume and Weight Data DOC2770171.

Product utilization

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

Compatibility with CARESCAPE products	CARESCAPE Parameter devices, compatible E-modules and clinical accessories, and module frames
	Acquisition devices CARESCAPE ONE monitor and CARESCAPE PDM
	VESA compatible mounting solutions
Power consumption	CARESCAPE Canvas 1000 basic recovery room configuration 33 W[2]
	CARESCAPE Canvas 1000 extended anesthesia configuration 43.7 W[3]
	CARESCAPE Canvas D19 display 16.9 W[4]
Reduce energy consumption during use	Utilize automatic display brightness adjust feature to reduce energy consumption of the display backlight[5]

25% reduced electricity consumption[1]

[1] CARESCAPE Canvas and Bx50 Power Consumption Measurements and Energy Usage DOC2742033.
[2] CARESCAPE Canvas 1000, CARESCAPE ONE, 100% display brightness.
[3] CARESCAPE Canvas 1000, CARESCAPE ONE, F2, E-sCAiOV, E-NMT, 100% display brightness.
[4] 100% display brightness.
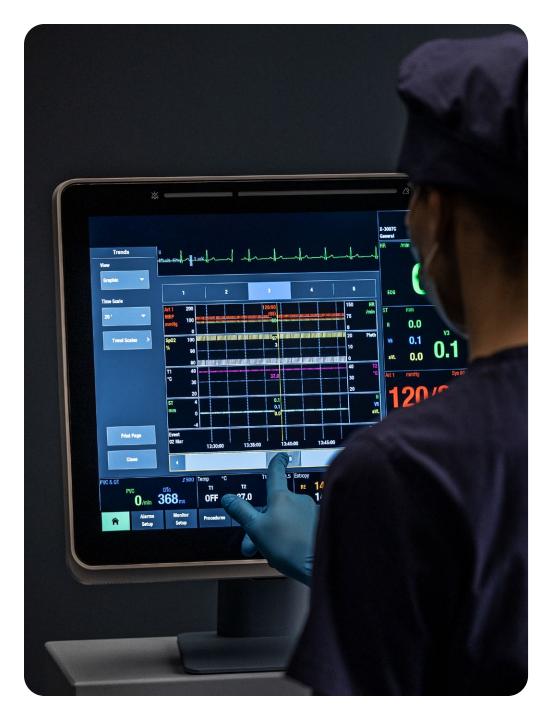[5] CARESCAPE Canvas Monitors User Manual 5697478-01.

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 support for upgrades and services throughout a product's lifespan, when available, 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 remaining parts are returned to dedicated recycling facilities.

Guidance for end of lifecycle	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.	CARESCAPE Canvas is a FlexAcuity solution, which enables the use of additional clinical parameters without requiring changes to the existing hardware.
	Additionally, hardware and software options are provided as a solution to extend the product lifespan. Hardware expected lifetime is 7 years with software upgrades available until product End of life.
	Field Replaceable Units (FRU) and Depot Replaceable Units (DRU) are available during the product lifetime, i.e. CPU replacement boards.
	Software upgrades are delivered with remote connections.
Parts harvesting and refurbishment	CARESCAPE platform offers parts harvesting and refurbishment options to reduce waste and environmental impacts.
Waste reduction	This system is in accordance with Waste Electrical and Electronic Equipment (WEEE) regulations[1].

[1] CARESCAPE Canvas CS1000 and Smart Display WEEE Selective Treatment Passport DOC2705805, CARESCAPE Canvas D19 WEEE Selective Treatment Passport DOC2705810.

Optimizing monitoring uptime and security

Reduce downtime with flexible service options

CARESCAPE Canvas service tools can be accessed locally by the patient bed, or remotely, either from inside of the hospital or from outside of the hospital:

1. Hospital staff can access the monitors remotely over the IX Network with CARESCAPE Service Interface (CSI) or the CARESCAPE Multi Monitor Manager (MMM).

2. GEHC remote service engineers can access the monitors remotely from outside the hospital using the GE HealthCare's remote service platform (InSite™ RSvP).

These tools allow the service experts to perform service activities in a secure and managed way. For example, troubleshooting, configuration & software management can be performed securely even when the CARESCAPE Canvas monitor is in clinical use.

Computer Based Training (CBT) and Instructor Led Training (ILT) are offered for biomeds and other technical personnel. These trainings provide information on installation, maintaining and repairing the CARESCAPE Canvas monitoring system.

Cyber security

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.

Manufacturer Disclosure Statement for Medical Device Security (MDS2) with detailed information of the security and privacy capabilities can be found at DOC2394747 CARESCAPE Platform V3.3 MDS2.

Creating a healthy world to help enable better patient outcomes.

GEHealthCare.com/about/sustainability

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