

# VOLUSON E8

ADVANCED FEATURES  
SIMPLIFIED WORKFLOW

As your patient volume increases and your clinical cases become more complex, you will require an ultrasound system that enables you to deliver truly exceptional care – confidently and efficiently – every time.

The Voluson™ E8 ultrasound system is designed to keep pace with busy practices – handling routine to complex women’s health exams with ease and precision. Powered by the Radiance System Architecture, the premium image quality of the Voluson E8 combined with access to advanced capabilities, delivers the level of performance required by you and your patients.

BT20

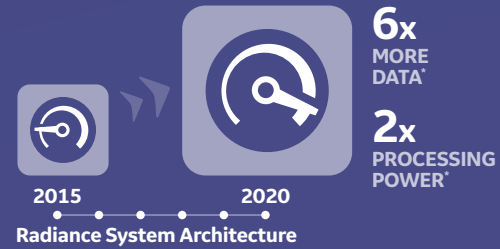


# ANSWERS YOU CAN SIMPLY SEE

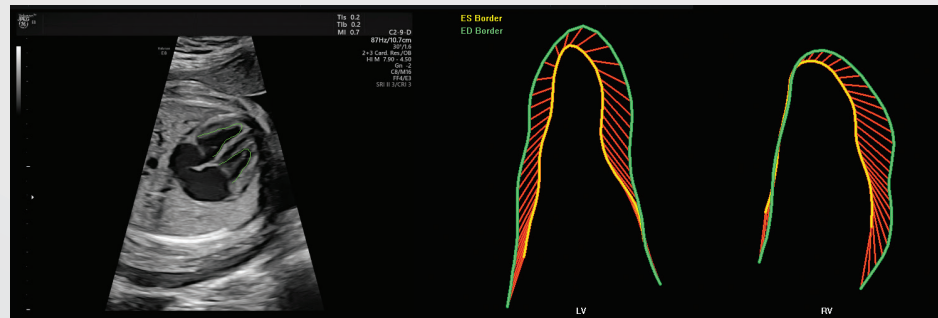
Leading-edge imaging for your challenging cases

The innovative design and powerful capabilities of the **Radiance System Architecture** simplifies scanning and lets you focus on the image detail for diagnostic assurance.

Newly fortified hardware and software amplifies the performance delivering enhanced contrast resolution, faster processing speeds and frame rates to get the most out of your images efficiently.



**fetalHQ** – Conduct an easy and comprehensive evaluation of the size, shape and contractility of the fetal heart from the 4-chamber view using measurements based on 2D imaging and speckle tracking. **fetalHQ** contains an in-depth report page including Z-scores and percentiles for each of the cardiac measurements

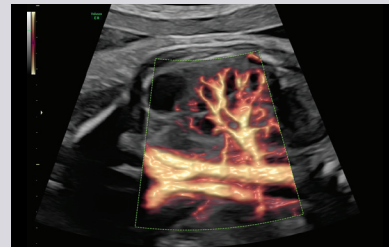


Achieve exceptional tissue and detail resolution with **XDclear™ probe technology C2-9-D and C1-6-D** – The combination of single crystal, acoustic amplification, and cool stack technology offering extraordinary 2D imaging even with difficult to scan patients

\*Versus RSA in Voluson Expert Series BT15



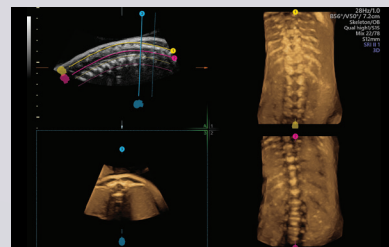
Achieve a new standard of color Doppler – **Radiantflow™** delivers easy, fast visualization of blood flow using the amplitude of the Color Doppler signal to enhance the robustness and create a 3D-like appearance



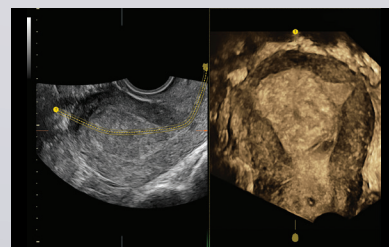
Expand the range of visible blood flow to include low velocities with **SlowflowHD** to visualize blood perfusion



Easily obtain volume images with unprecedented depth and clarity using the **HDlive™** technology suite – An essential problem solving tool for a deeper understanding of relational anatomy and developing structures



**Advanced VCI with OmniView** – Streamline your volume imaging by obtaining any plane from a 3D or 4D volume by simply drawing a line, curve, poly-line or trace. Further enhance image with adjustable slice thickness for improved contrast resolution

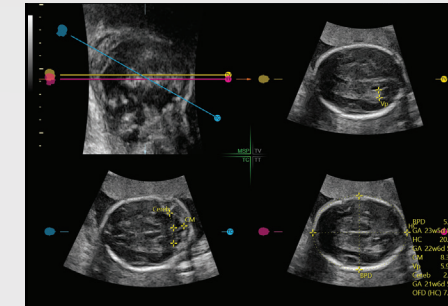


Taking the effort out of 3D with **Uterine Trace** – In 3 simple steps, obtain the coronal plane of the uterus. Links directly to Uterine Classification pictograms for easy documentation of uterine shape

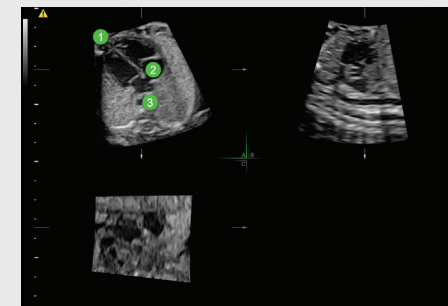
# ENHANCED EFFICIENCY. CONNECTED CARE.

Intelligent tools that eliminate barriers and enhance your care

Decrease complexity and increase exam consistency with Voluson's **Sono-automation** technologies



**SonoCNS** – An Edison application using deep learning technology to help properly align and display recommended views plus measurements of the fetal brain. Now 29% faster than previous version\*\*



**SonoVCAD™heart** (Sonography-based Volume Computer Aided Display heart) – Enhanced volume automation to help standardize orientation of the fetal heart. With 3 easy clicks, automatically obtain the recommended views of the fetal heart from a single STIC volume



**SonoNT™/SonoIT** – (Sonography-based Nuchal/Intracranial Translucencies) – Semi-automatic, standardized measurements of nuchal and intracranial translucency



Facilitate 3D and 4D rendering by using **SonoRenderlive** – Automated placement of the render line for optimal surface rendering even during fetal movement

Balance schedules while increasing patient satisfaction with **Scan Assistant**. This flexible, customizable exam protocol tool helps increase exam consistency and productivity while documenting for quality assurance purposes

Ovarian cancer risk estimate based on **IOTA (International Ovarian Tumor Analysis) Simple Rules**, IOTA LR2, and IOTA ADNEX



Maximize comfort and workflow with a modern ergonomic design – Experience **xTouch** – Intuitive volume navigation for 3D manipulations including X/Y/Z rotations, zoom, MagiCut, HDlive light source, OmniView, and more

Evaluate risk and assign classification of the endometrial lining based on **IETA (International Endometrial Tumor Analysis)** and **IDEA (International Deep Endometriosis Analysis)** – New IDEA assessment tool helps step through protocol for comprehensive evaluation



Designed for maximum security protection, Voluson **SonoDefense** is multiple layers of security to protect your systems from attack. Consisting of six layers, each layer enhances the overall security of your system and patient data with features like **USB defense, Windows® 10 hardening, Whitelisting** and **HD encryption**

**ViewPoint™ 6** is a dedicated ultrasound reporting and image management solution with enhanced features to help improve workflow

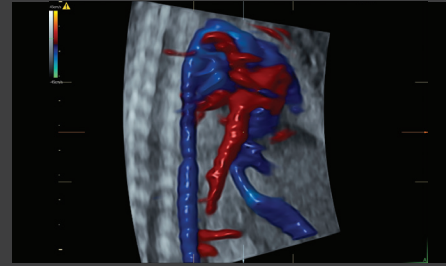
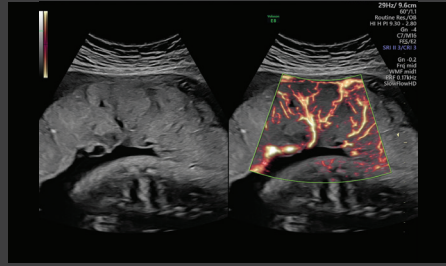
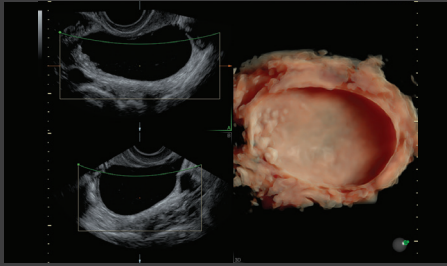
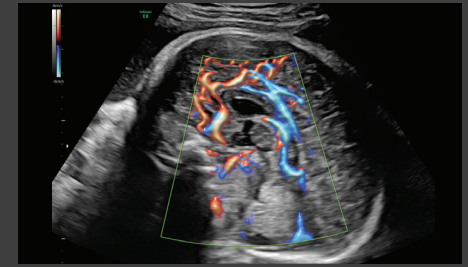
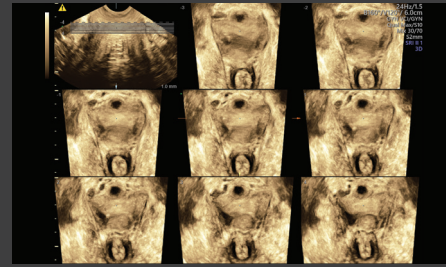
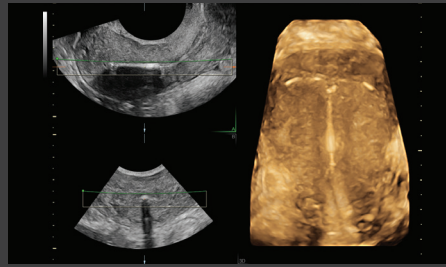
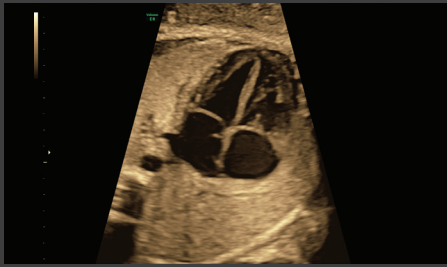
**Tricefy™ inside** – Unique cloud based solution to share, collaborate and archive ultrasound images and reports securely with colleagues and patients directly from your Voluson



Explore **3D Printing** for rapid clinical prototyping, research, and parent bonding. Export files directly from the Voluson ultrasound system to instantly 3D print projected and full mesh data sets. Downloading directly helps save time and reduces complexity versus using external post processing software



\*\*Compared to BT19 version



## LIKE FAMILY – WE’RE HERE FOR YOU

*Exclusive offerings to enhance your expertise.*

**>29K**  
**members**

Join **VolusonClub** – The only ultrasound community dedicated to the education and collaboration of women’s health providers – Benefits include: Product educational videos, product tips and tricks, white papers, Voluson educational courses and much more



A well-maintained Voluson system improves your efficiency and allows you to deliver the best care to your patients. That’s why we designed Voluson E8 with digital support features to provide you with peace of mind now...and in the future. Combined with flexible service and financing programs, GE can partner with you to monitor and maintain your systems, ensure quality and compliance, and train and inspire your staff

### Imagination at work

© 2019 General Electric Company – All rights reserved.

GE Healthcare reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation. Contact your GE Healthcare representative for the most current information. GE, the GE Monogram, Voluson, SonoNT, HDI*ive*, XDclear, Radiant*flow* and ViewPoint are trademarks of General Electric Company. Tricefy™ trademarks are registered trademarks of Trice Imaging, Inc. Windows is a registered trademark of Microsoft Corporation. GE Healthcare, a division of General Electric Company. GE Medical Systems, Inc., doing business as GE Healthcare.

August 2019  
JB68869XXc

