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Centricity Universal Viewer Zero Footprint (ZFP)

Image Access.
Anywhere, Anytime.





GE Healthcare's Centricity Universal Viewer Zero Footprint (ZFP) connects advanced diagnostic tools and system-wide image management platforms across the care continuum to help healthcare organizations improve diagnostic speed and confidence.

Your Gateway to Patient Care.

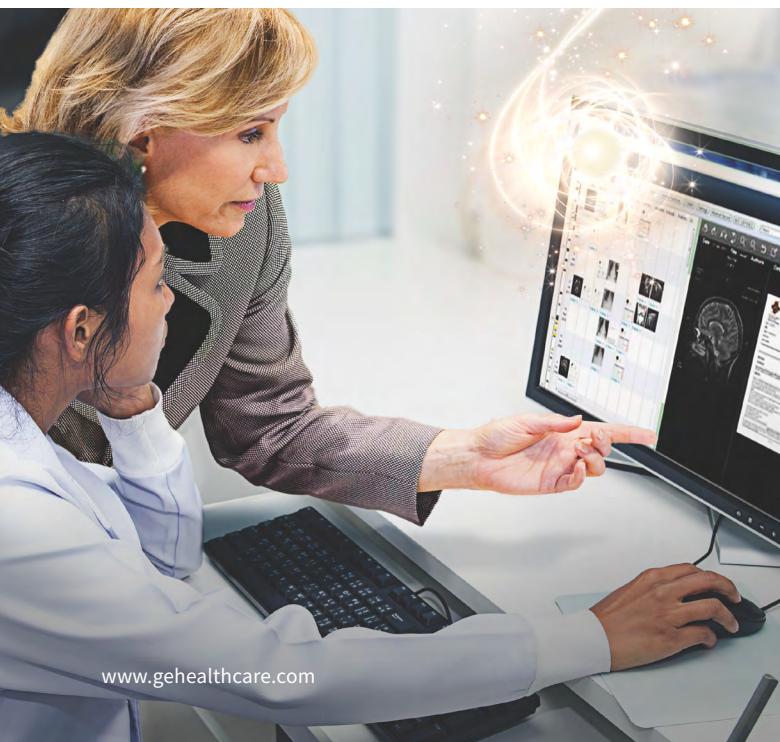
For most patients, imaging is the gateway to receiving care. It's also one of the diagnostic touchpoints for downstream clinicians. So, when physicians need to make swift decisions about patient care, immediate and easy access to medical images is especially important.

With GE Healthcare's Centricity™ Universal Viewer ZFP, all members of a patient's care team can have access anytime, anywhere.¹ How? It's compatible. Nearly every browser or mobile device¹ is supported for team members to review, reformat, make measurements, and add notes when necessary. It's also flexible.

Centricity Universal Viewer ZFP also provides access to images and reports from anywhere, whether it's on the hospital floor, in surgery, in clinic, or at home – allowing the clinician the ability to develop patient insights no matter where they are. That can help provide patient results, as well as better operational efficiencies.

How we Support Encounter-based Care:

- Supports launch from your EMR or other 3rd party SW applications
- Media Manager mobile application enables speedy acquisition and documentation of images and videos
- Supports cross-enterprise patient search (federated query)
- Enables team members to read anywhere the Internet is available - on their device of choice¹





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Centricity Universal Viewer ZFP is web-based, which enables access virtually anywhere the user has Internet connectivity.



Get the Whole Picture.

Healthcare today is complicated - and patients often seek care at multiple points of service. This can cause problems on a number of fronts, one of which being the likelihood that a patient's imaging data can be stored in different PACS or archives, potentially with different patient identifiers. The optional Cross Enterprise Display (XDS) on Centricity Universal Viewer ZFP provides clinicians with seamless access to a patient's historical imaging data – even across affiliated institutions. It also allows seamless access to a patient's historical imaging, streaming in real time, to help improve communication and collaboration, assisting the physician in providing a more timely and efficient care for the patient.²

Centricity Universal Viewer ZFP is web-based, which enables access virtually anywhere the user has Internet connectivity. It supports 2-D and 3-D viewing imaging tools from any Internet browser.¹ ZFP assists with faster treatment planning and better team collaboration. It helps the clinician in providing a timely and accurate diagnosis and treatment which helps improve patient outcomes.

How we Help Enable a Holistic Patient View:

- Supports cross-enterprise patient search (federated query)
- Offers both Study Centric and Patient Centric search workflows and viewing experiences
- Patient timeline view presents a full patient jacket comprising of both DICOM studies and non-DICOM XDS documents to provide clinicians a holistic, 360° view of the patient's imaging record



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Clinical Insights, Streamlined Continuum of Care

Centricity Universal Viewer ZFP is not only accessible, it's helpful in discussions with a team, patient or family member. For example, when a physician is bedside or in their office, images can be brought up on a portable device and shared with patients and families to facilitate care plan discussions. It also means referring physicians can educate and comfort patients by explaining procedures with a visual aid, to better share knowledge. It also helps the physician in providing a more timely and efficient care for the patient.

Centricity Universal Viewer ZFP also allows imaging organizations to provide affiliated and non-affiliated physicians with a longitudinal record of their patients' imaging and records data through an ability to find and view patient imaging data. Using role-based access, remote clinicians can immediately see studies and reports as the radiologist completes their reading, helping to improve turnaround times and strengthen referral relationships. This can help hospitals and imaging centers grow their referral network, making it easier to partner with clinicians.

How we Help Enable Collaborative Care:

- Allows role-based access to patient data inside and outside your organization
- Does not require a download to the user's device - no code or patient data is left behind
- Intuitive yet powerful user interface enables clinicians to view studies easily and in a consistent manner
- Saves time by utilizing relevancy criteria via proprietary algorithms for comparison exams to optimize the viewport layouts for each user and exam
- Optional cloud based case sharing, MDT application and patient portal



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Better Planning, Better Outcomes.

Because Centricity Universal Viewer ZFP enables numerous viewing capabilities to numerous audiences with ease, it is the ideal viewer to consult with other physicians and review images prior to – and even during - interventions. For example, surgeons can use Centricity Universal Viewer ZFP to review images and surgery plans, and then reference those images during intricate surgeries to help locate key anatomy.

In addition, not only are 2D and 3D video sets available at the most opportunistic times for the physician and patient, Centricity Universal Viewer ZFP also enables viewing and manipulation of a range of data including videos, audio files, reports and more. Users can choose from one of the pre-defined layouts, use advanced 3D reformatting tools such as MIP/MPR and volume rendering, and can display and automatically play up to four cine loops simultaneously with zoom and pan capabilities.

How we Enable the Experience:

- Support for multiple monitors
- MIP/MPR/3D viewing including minP (Min intensity projection) to assist the clinician with diagnosis and planning
- Hybrid rendering that allows both client and server to do any of the manipulations or data loading in 3D depending on user's workstation to ensure optimal performance
- Multi-oblique in 3D provides ability to display anatomical structures in a variety of planes from the data acquired in just one MRI scan.*

* This technique is useful, for example in lumbar spine MRI obtaining images of each intervertebral disc, individually oriented at a different angle, to help the physician better recognize herniation or to compare degenerative changes.





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Elevate Your Wound Care.

Because Centricity Universal Viewer ZPF supports non-DICOM data, it's also an ideal viewer for non-radiology based care scenarios, such as emergency department assessments, dermatology, plastic surgery, and wound care. And, when used with Centricity Clinical Archive with Media Manager3, Centricity Universal Viewer ZPF provides quick and easy viewing of patient data – supporting care collaboration with clinicians and specialists across the enterprise.

In fact, speedy retrieval and documentation of images and videos directly from mobile devices is enabled through the Media Manager, helping reduce documentation time per patient case, avoiding missed patient data and enhancing staff productivity. Designed in consideration of patient data safety, no data is left behind on the mobile device. With a secure login, clinical staff can easily capture, document, store, share, and view patient encounters at every step of the patient's care journey – allowing them to spend more time, where it matters most.

How we Help Elevate Your Care:

- Enhanced enterprise-wide access to images and videos for clinicians and specialists across the enterprise
- Media Manager mobile application enables speedy retrieval and documentation of images and videos
- Improved staff efficiency by reducing manual printing and scanning of images and documents
- Keeps patient data safe — no data left behind and automated lock-out for unattended devices





“This truly has changed the way we respond to patient care questions and collaborate with other physicians. The speed of image retrieval is great and having access to diagnostic images with measurements tools has enhanced our efficiency and our response time to patient care needs.”

Michael Carney
D.O. Cardiologist, OSUMC⁴

Cardiac Care Tools With Heart.

In many cases, cardiologists and referring physicians need to share images and reports for input and second opinions to a wider community. Because Centricity Universal Viewer is cleared to assist for diagnostic use, leveraging both DICOM and XDS (Cross-Enterprise Document Sharing), physicians view the clinical content available for a patient across the cardiovascular care continuum in a single solution. This helps decrease the reliance on IT staff for enterprise-wide use, helping to make patient care more efficient and better informed.

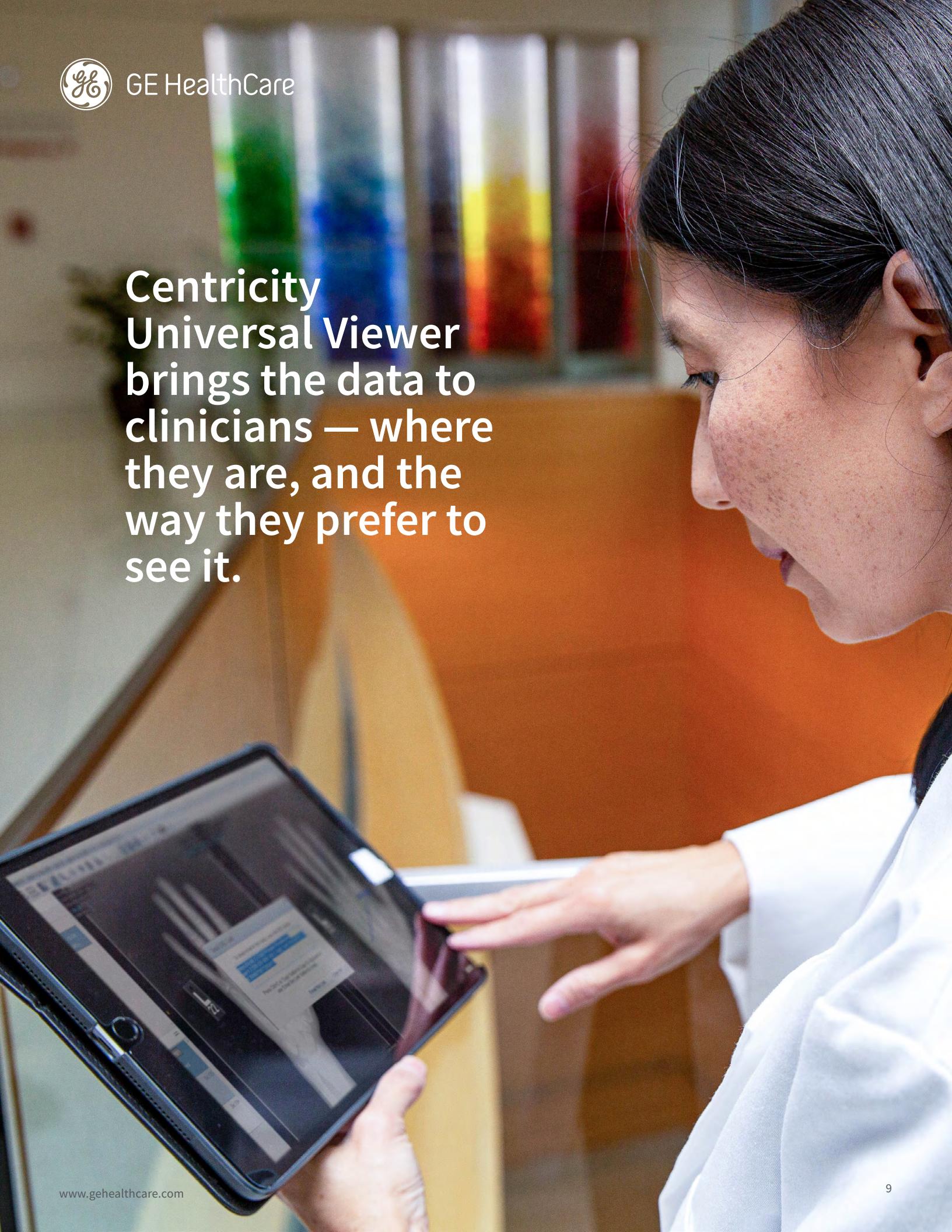
How we Support Cardiac Care:

- Display and review radiology, cardiology and other medical images on the same device
- Supports cardio Thoracic Ratio (CTR) measurements
- View Cine Loops and EKG 12 lead gen strips



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**Centricity
Universal Viewer
brings the data to
clinicians — where
they are, and the
way they prefer to
see it.**





Improved Collaboration.

It's no secret that patient cases can get complicated – quickly. And when it comes to cancer, the notion of team approach is generally the rule, vs. the exception.

Cancer care generally includes a multidisciplinary care team or tumor board, bringing together experts from various disciplines depending on the type of cancer, such as surgical and radiation oncologists, pathologists, radiologists, reconstructive surgeons and nurses. By meeting live, the team is able to discuss difficult cases and find the best way to treat each patient. The team considers factors like patient history, radiology, surgical and pathological findings, medical issues, best practices and more.

In addition, adoption of multidisciplinary teams (or tumor boards) is growing, but team preparation is notoriously inefficient, due to data being stored in multiple locations, differing workflows, and siloed and fragmented systems. Instead of taking hours or sometimes days for a team to compile the data needed to discern a course of care, Centricity Universal Viewer brings the data to clinicians – where they are, how they prefer to see it. This simple change can mean valuable time is saved – enabling the team to spend the limited time together in the most efficient way possible.

How we Support Collaboration:

- Supports care team coordination and patient referrals via case sharing on the cloud via Datalogue Connect
- Allows controlled access to patient data inside and outside your organization such as case viewing via emailed links
- Optional collaboration components can help realize time savings, improve communications, and reduce costs associated with meeting preparation
- Does not require a download to the user's device - no code or patient data is left behind





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When Minutes Matter.

When a patient arrives in the emergency department such as when a stroke is suspected, minutes can often make the difference between a positive or adverse patient outcome. In some cases, a second opinion may be needed, such as by a neurology attending who cannot make it to the emergency department. Because Centricity Universal Viewer ZFP facilitates collaboration, whether at home, at dinner, or in another part of the facility, users can easily review the images directly on their mobile device,¹ without having to install or learn new software.

As Centricity Universal Viewer ZFP uses an intuitive interface, native gestures can be used to effortlessly scroll through a series or apply a window level preset, view the patient's data, enable the attending or other care provider, to render an opinion or preliminary interpretation for the care team in a timely manner.

After the patient's treatment plan has been decided, any member of the care team⁵ can access images on portable devices — regardless of where they are — it all adds up to swifter decision-making and more timely and efficient care for the patient.

How we Assist with Faster Patient Disposition:

- Enables team members to read anywhere the Internet is available¹
- Allows case viewing via emailed links
- Images are available for review on most any device, at any time¹
- Hybrid rendering with advanced 3D features supports fast manipulation and review of complex datasets even on mobile devices



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Scalable. From Small Clinics to Large Deployments.

More than 3,000 organizations trust Centricity solutions for enterprise imaging. GE Healthcare delivers high-quality service, reliability, and technology innovation, helping providers reduce the cost of ownership today while preparing for the challenges of the future. Centricity Universal Viewer ZFP easily scales as your patient populations and affiliate sites grow without the need to change software. This proven, scalable architecture allows you to connect multiple systems from different vendors across many different provider facilities to view patient images and data across a region or community.

GE Healthcare's integrated and reliable end-to-end solutions, powered by Intel® technology, put innovative software and cutting-edge performance at your fingertips, for a powerful, responsive, secure and highly efficient connected healthcare environment. Learn more about the role GE Healthcare plays in optimizing healthcare organizations' investment

in imaging IT to help streamline healthcare costs, increase diagnostic confidence and enhance the quality of patient care by contacting your regional sales office today.

How we Support Scaling:

- Universal Viewer ZFP is scalable, allowing you to grow as your patient populations grow without the need to change software.
- This proven, scalable architecture allows you to connect multiple systems from different vendors across many different provider facilities to view patient images and data across a region or community.
- Options for deploying on PACS or VNA back-ends



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Building a world that works.

GE HealthCare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter – great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics and performance improvement solutions, GE HealthCare helps medical professionals deliver great healthcare to their patients.

¹ Centricity Universal Viewer ZFP client is supported on Microsoft® Windows® and Apple® Mac® products. As regulatory clearance requirements differ by country and region, GE Healthcare must obtain clearance in countries where local specific regulatory approvals are required. Available only in certain countries; please contact the GE sales representative on the status of availability in your area. ZFP can also be used on the Apple® iPad,[®] Samsung Galaxy Note[®] and Galaxy Tab[®] in a review only mode and is not meant for primary diagnosis on these devices. Please refer to the product datasheet for a list of operating systems and browsers supported on these devices.

² Access to data is provided across affiliated institutions who have granted access.

³ that supports the retrieval, classification and storage of visible light images, videos and notes

⁴ Oklahoma State University Medical Center (OSUMC) case study, DOC1426436

⁵ With access rights

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