GE HealthCare

ComboLab™ AltiX AI.i

The all-in-one recording solution for hemodynamics and electrophysiology

Winner
2024 COMPANY OF THE YEAR
in the Global Next-Generation Electrophysiology Labs Industry

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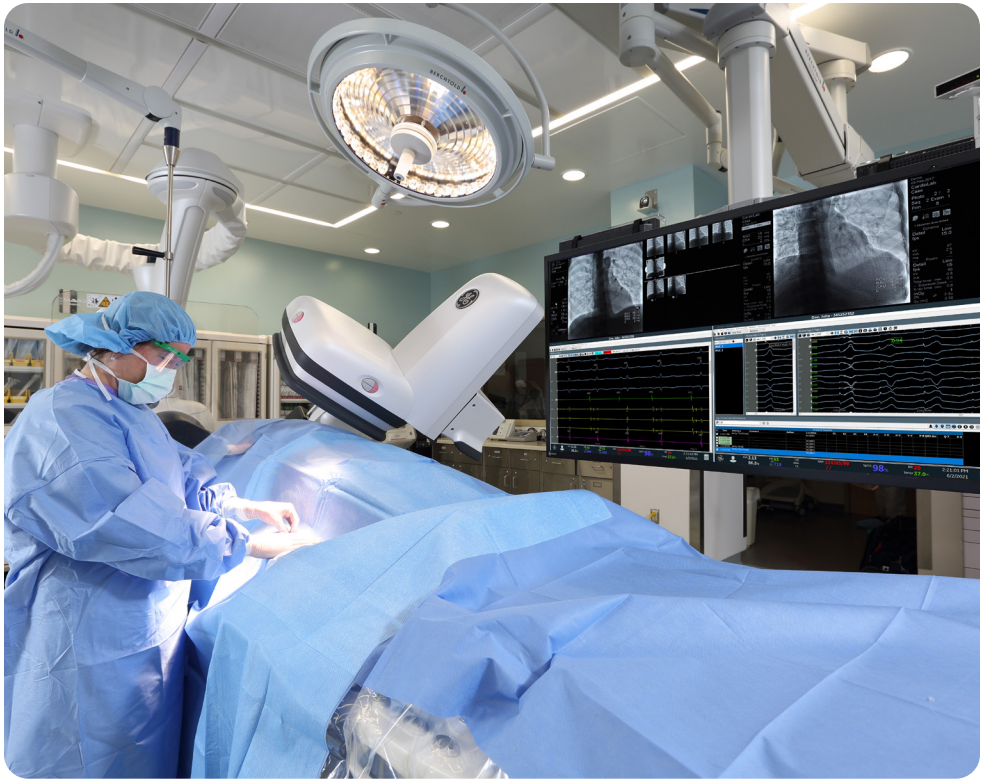
One solution.
Multiple cardiac procedures.

Due to the rise in cardiac cases, hospitals performing cardiac catheterization (cath) procedures and electrophysiology (EP) procedures, are focused on operational efficiency. ComboLab™ AltiX AI.i from GE HealthCare combines cath and EP capabilities into a single, efficient platform that allows one room to be a versatile space capable of handling multiple types of heart procedures.

ComboLab is designed with a similar user interface and workflow across different procedures. This consistency allows clinicians to easily transition from one room to another based on staffing needs, ensuring quick adaptability. It also allows you to maintain high standards of patient care without the need for extensive retraining.

In addition to its flexibility and space-saving design, ComboLab also offers a cost-effective upgrade path, simplified IT management and robust security.



ComboLab Advantages

Flexibility
Combines cath and EP into one platform so one room can handle different procedures

Small footprint
One computer for EP and cath

Minimized training
Similar UI and workflow for EP and cath lets clinicians move easily from one room to the other

Simplified IT
One system simplifies setup, network connections, support and service

Managed cost
With one system that can perform two procedures, you can minimize the cost of equipment purchases

What's new in AltiX AI.i?

See everything on one screen

AltiX AI.i provides an enhanced visual experience with its EP Command Center offering. It's designed to take the clinical user experience to the next level of efficiency and clinical excellence. Offering a large display, curved monitor for excellent visualization, along with sophisticated video and layouts, the EP Command Center puts the images and tools where you want them to be, further enhancing productivity.

AI guidance during EP procedures

Our game-changing collaboration with Volta Medical truly sets us apart. AltiX AI.i leverages PruckaStream and its ability to send 128 EP Signals in near real time to Volta's AF dispersion algorithm. The resulting robust data provides clinicians with more guidance during EP procedures. Additionally, our collaboration with Volta sets the foundation for access to other emerging technologies as they are developed.

More options during cath lab procedures

Building on previous integration with the DFR™ algorithm, users now have more options with our newest integration of dPR™. This gives the clinician additional options when selecting the desired resting indices to use for the procedure.

Provide more data downstream

Capture more information at the point of care with new diagnostic forms. This allows diagnostic data to be documented and exported in a structured format. Additionally, data can now be sent with PDF DICOM export to PACS in addition to the traditional HL7 export option.

An in-depth approach with IT and security

Security measures within your ecosystem keep your network safe and your data private.

Support electrophysiology cases with CardioLab

ComboLab includes CardioLab, an advanced electrophysiology system. It features the innovative Prucka™ 3 digital amplifier which in the AltiX AI.i software edition is offered in 64 and 128 channel configurations. The Prucka 3 amplifier is the secret to CardioLab's enhanced signal fidelity. Prucka 3 introduces a digital platform that significantly reduces noise, maintains high signal fidelity, provides new signal-filtering capabilities, and a forward-looking platform for the next generation of EP innovation.

128 channel

64 channel

Features made possible by Prucka 3 and AltiX AI.i.

Dual Real-Time
Two real-time displays which can be placed wherever you want

Cycle Length
See beat-to-beat cycle length displayed on the signal

Multiple Review Windows
Up to five Review Windows you can use for identifying interesting morphology visualized during the procedure

ClearMatch
Gain a new point of reference during complex procedures. A new algorithm overlays real-time signals onto previously tagged morphology, allowing you to compare real-time signals with a visible percent match level.

Post Pacing Interval
Automatically measures post pacing interval with both screen annotation and log updates

Channel Grouping
Organize signals based on your visualization needs. Make changes across a group of signals not one by one.

Elevate cath lab accuracy with Mac-Lab

AltiX AI.i integrates Cath Lab functionality with an efficient clinical workflow. Our simplified workflow allows you to easily perform DFR and dPR measurements from the Mac-Lab user interface – and then document and export the Mac-Lab procedure report to EMR or other downstream solutions.

An enhanced user experience

In both Cardiac Cath and the growing structural heart space, Mac-Lab provides customized documentation options and a known workflow, which helps to simplify these complex procedures.

About GE HealthCare Technologies Inc.

GE HealthCare is a leading global medical technology, pharmaceutical diagnostics, and digital solutions innovator, dedicated to providing integrated solutions, services, and data analytics to make hospitals more efficient, clinicians more effective, therapies more precise, and patients healthier and happier. Serving patients and providers for more than 125 years, GE HealthCare is advancing personalized, connected, and compassionate care, while simplifying the patient's journey across the care pathway. Together our Imaging, Ultrasound, Patient Care Solutions, and Pharmaceutical Diagnostics businesses help improve patient care from diagnosis, to therapy, to monitoring. We are a $19.6 billion business with approximately 51,000 colleagues working to create a world where healthcare has no limits.

Follow us on LinkedIn, X (formerly Twitter), and Insights for the latest news, or visit our website gehealthcare.com for more information.

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