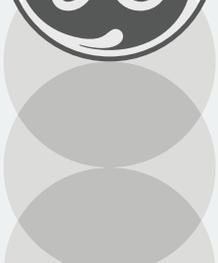
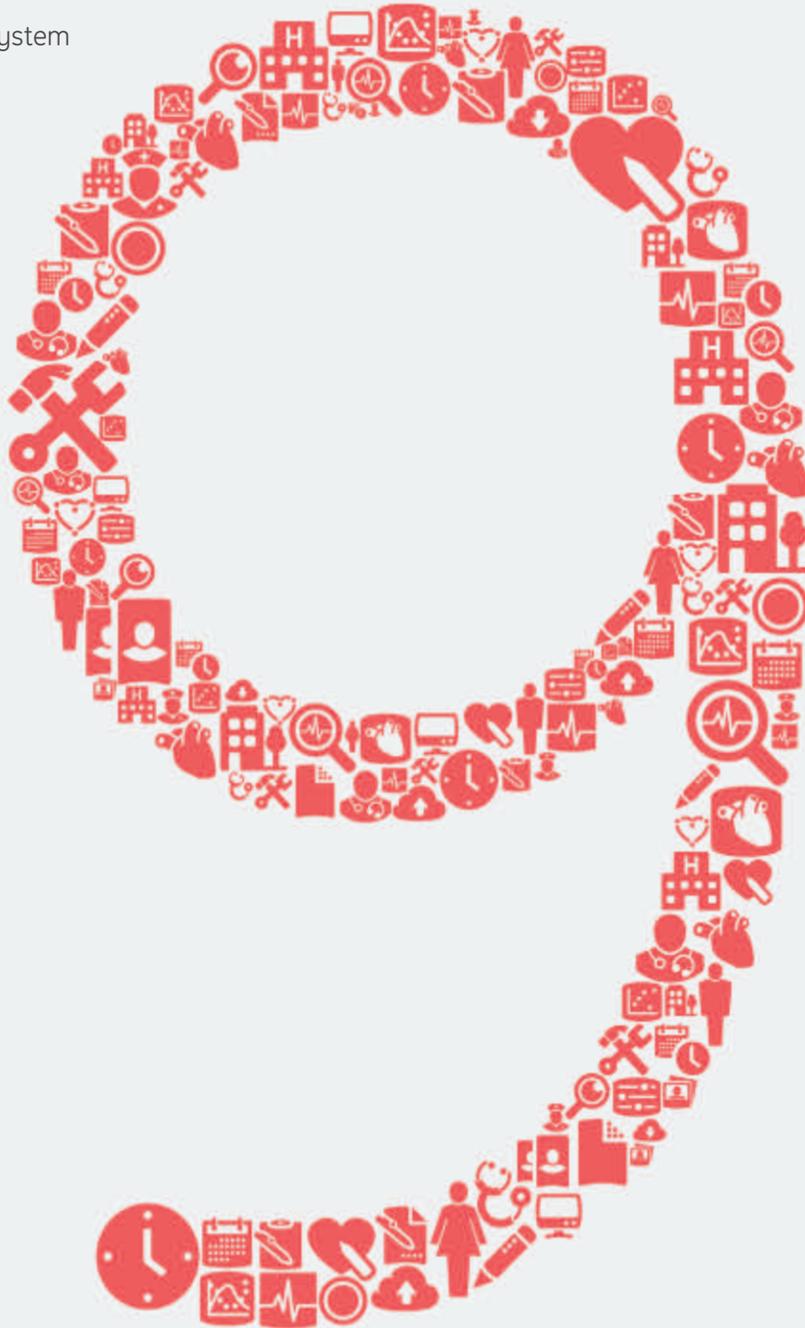


# Clinically minded. Technically sound.

## MUSE v9

Cardiology Information System

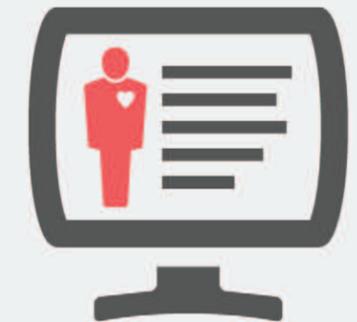


50 OF CARDIOLOGY YEARS INNOVATIONS



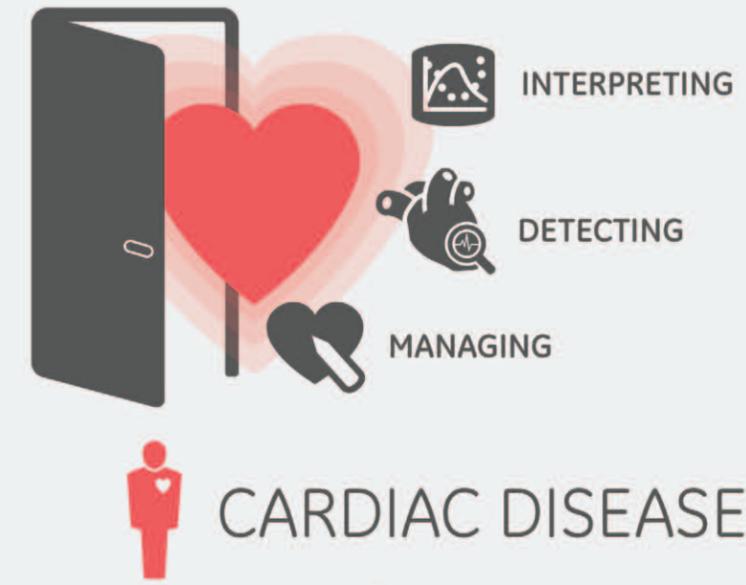
CONNECTED & SECURE

ALL THE INFO

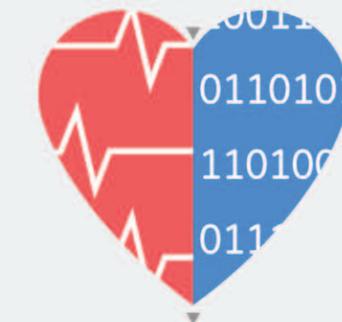
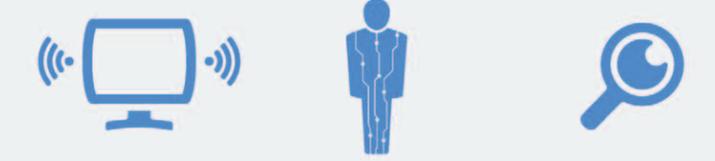


ON ONE SYSTEM GIVING YOU

OPENING THE DOOR TO MEASURABLE OUTCOMES



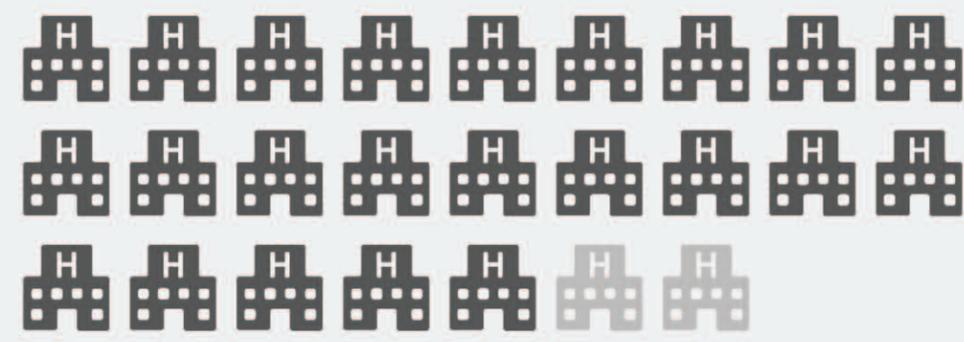
MORE CONNECTIVITY SMARTER WORKFLOW PROVEN ANALYSIS TOOLS



FOR THE BEST OF BOTH WORLDS CARDIOLOGY + IT

MUSE v9

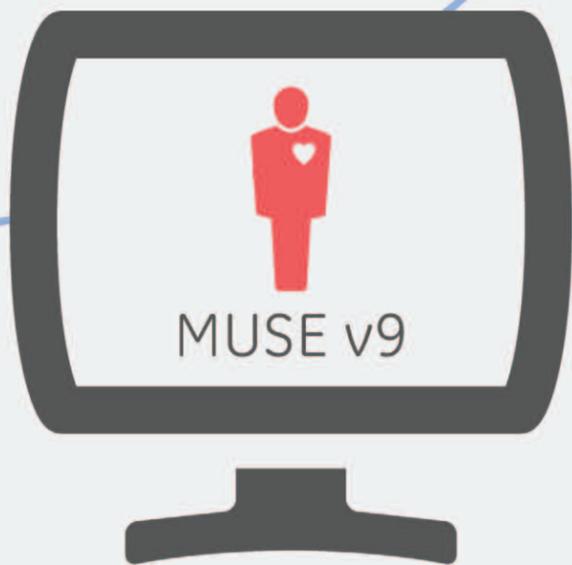
23 OUT OF 25<sup>1</sup> TOP U.S. CARDIAC HOSPITALS USE MUSE



Clinically minded. Technically sound. The best of both worlds.

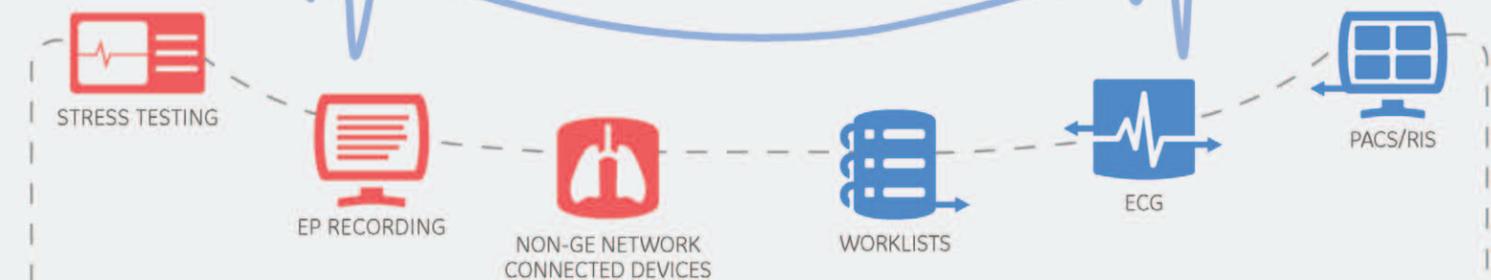
As the world of healthcare IT evolves, so do we. With 50 years of ECG innovation, trusted by the top U.S. cardiac hospitals, we're known for our strong clinical foundation. The latest MUSE™ v9 Cardiology Information System takes the best of what we're known for and securely opens access to even more data from more systems with smarter workflow options. MUSE v9 opens the door to measurable outcomes by helping

cardiologists accurately predict, detect, interpret and manage cardiac disease, while meeting your facility's latest IT security and open networking requirements. MUSE v9 offers you the best of both worlds, all in one system everyone can agree on. MUSE v9 – clinically minded, technically sound.



MUSE v9

OPEN TO YOUR POSSIBILITIES  
CONNECTING CARDIAC TECHNOLOGY  
LIKE NEVER BEFORE



**eDoc Connect**  
ELECTRONICALLY RECEIVE AND STORE REPORTS  
AND RESULTS FROM THIRD-PARTY DEVICES

**DICOM Connect**  
ACCESS DICOM WORKLISTS AND TRANSLATE  
NON-DICOM ECGS TO THE DICOM FORMAT



Maximize your investments.  
Bridging the communication gap.

In order to deliver the best care, you need your network and all your devices to seamlessly talk to one another in the same language without key clinical and demographic data being lost in translation.

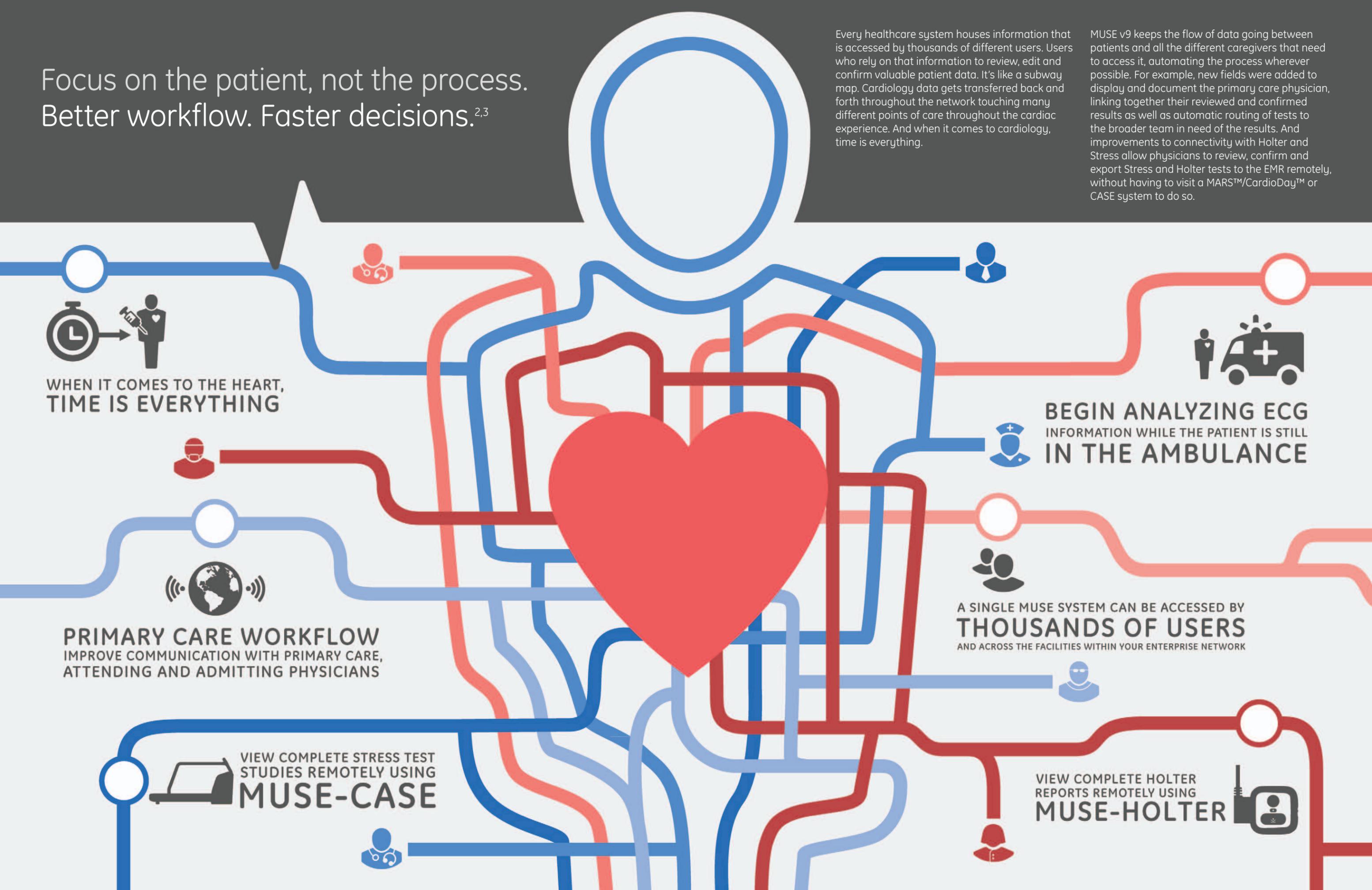
MUSE v9 is designed to bridge the communication gap between vendors, modalities, clinics, hospitals, care areas and your enterprise. That means you'll be able to maximize the clinical benefits MUSE provides and bridge your ECG investments.

New features such as eDoc Connect allow you to receive and store reports from a wider variety of test types like ECG, stress tests, EP recordings, pulmonary function and others from any GE or non-GE network connected devices. And the new DICOM Connect helps you utilize the DICOM modality worklist and even translate non-DICOM ECGs to the DICOM format. By opening MUSE v9, we've ensured all of your cardiology information is captured under the umbrella of one system for improved care collaboration and asset management.

Focus on the patient, not the process.  
Better workflow. Faster decisions.<sup>2,3</sup>

Every healthcare system houses information that is accessed by thousands of different users. Users who rely on that information to review, edit and confirm valuable patient data. It's like a subway map. Cardiology data gets transferred back and forth throughout the network touching many different points of care throughout the cardiac experience. And when it comes to cardiology, time is everything.

MUSE v9 keeps the flow of data going between patients and all the different caregivers that need to access it, automating the process wherever possible. For example, new fields were added to display and document the primary care physician, linking together their reviewed and confirmed results as well as automatic routing of tests to the broader team in need of the results. And improvements to connectivity with Holter and Stress allow physicians to review, confirm and export Stress and Holter tests to the EMR remotely, without having to visit a MARS™/CardioDay™ or CASE system to do so.



WHEN IT COMES TO THE HEART,  
TIME IS EVERYTHING

BEGIN ANALYZING ECG  
INFORMATION WHILE THE PATIENT IS STILL  
IN THE AMBULANCE

PRIMARY CARE WORKFLOW  
IMPROVE COMMUNICATION WITH PRIMARY CARE,  
ATTENDING AND ADMITTING PHYSICIANS

A SINGLE MUSE SYSTEM CAN BE ACCESSED BY  
THOUSANDS OF USERS  
AND ACROSS THE FACILITIES WITHIN YOUR ENTERPRISE NETWORK

VIEW COMPLETE STRESS TEST  
STUDIES REMOTELY USING  
MUSE-CASE

VIEW COMPLETE HOLTER  
REPORTS REMOTELY USING  
MUSE-HOLTER

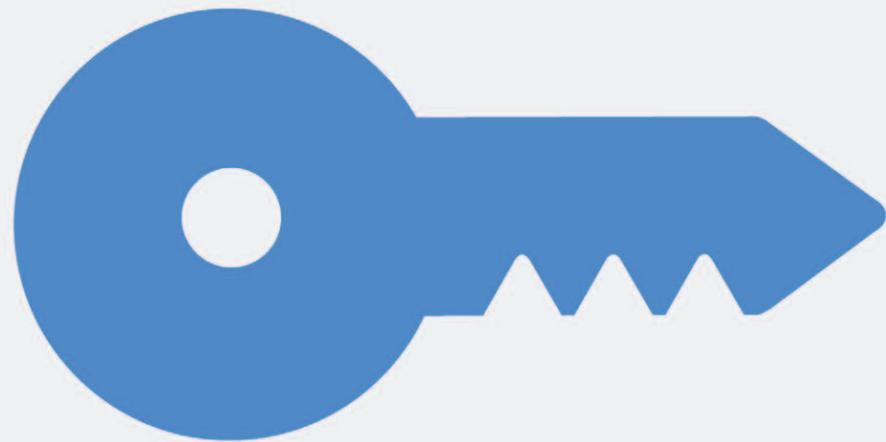
Easy access with data security.  
Simple and secure.

A wireless world allows us to connect more types of information and to access it remotely, but it also makes that information more vulnerable. Your patients not only rely on you to collect valuable information about their lives and their cardiac health, they expect you to protect it as well. Sometimes the best approach to security is simplicity. With the new A/D Connect, MUSE v9 integrates with active directory systems to centralize user authentication and login.

Instead of requiring a different username and password combination for the MUSE system, each user can keep the same login credentials they use to access the entire network. MUSE v9 also enhances patient data security and privacy, helping facilitate HIPAA compliance by not only being able to track by whom and when any change is made to a patient record, but by also tracking when a record is searched, accessed and viewed.

## A/D CONNECT

ONE LOGIN. ONE PASSWORD.



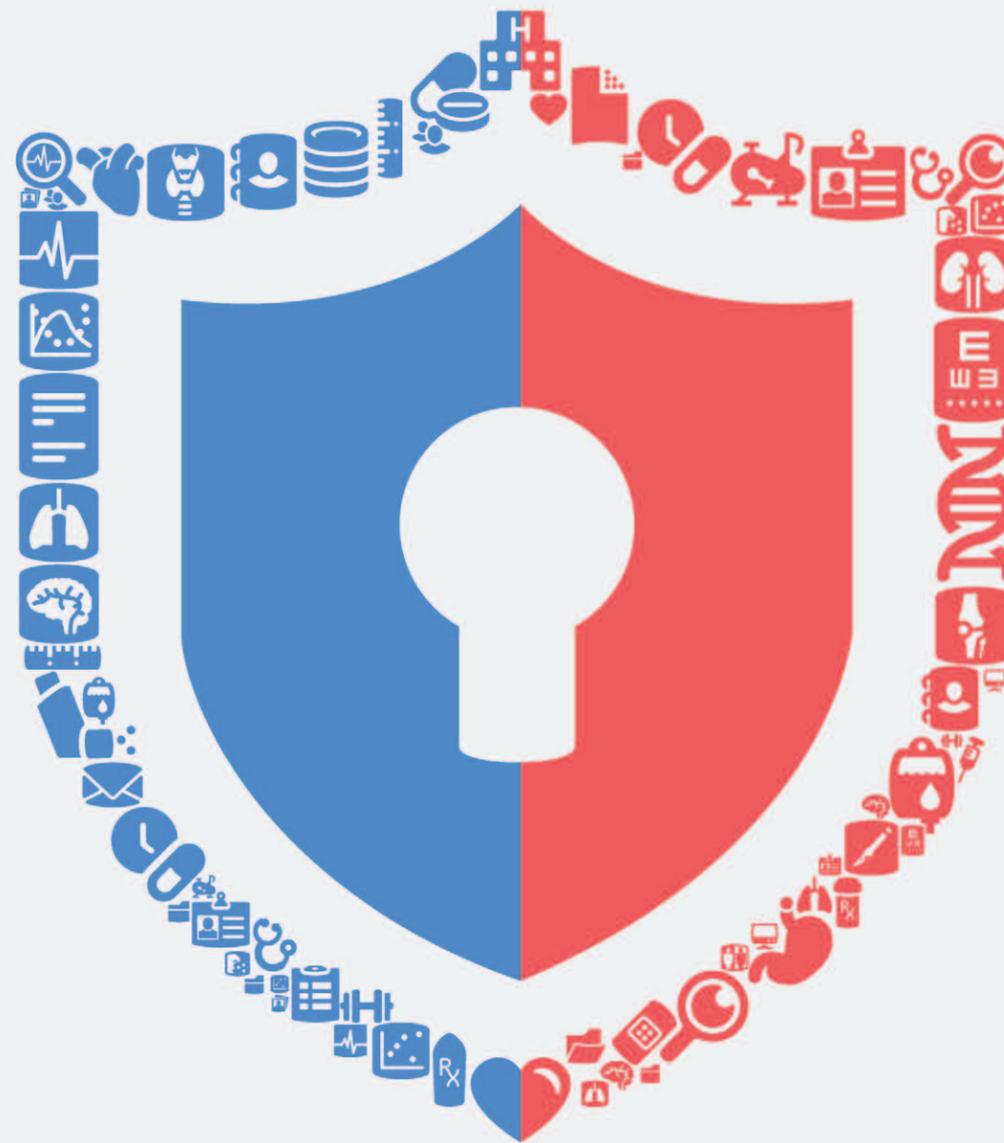
**SIMPLIFY IT SECURITY**



**CENTRALLY MANAGE**  
SEVERAL USER GROUPS EASIER



**SAVE TIME** BY UNLOCKING  
EVERYTHING WITH JUST ONE  
USERNAME AND PASSWORD



## ENHANCED AUDIT

LOGIN FUNCTIONALITY



**VIEW PATIENT DATA ACCESS LOG** THAT GIVES DETAILS FOR ANY TIME A TEST WAS OPENED OR PRINTED



**COMPLY** WITH PRIVACY AND SECURITY REQUIREMENTS



QUALITY ECG TOOLS



MULTIPLE DATA TYPES



ACCURATE AND CONSISTENT



WORKFLOW OPTIMIZATION

MORE ACCESSIBLE



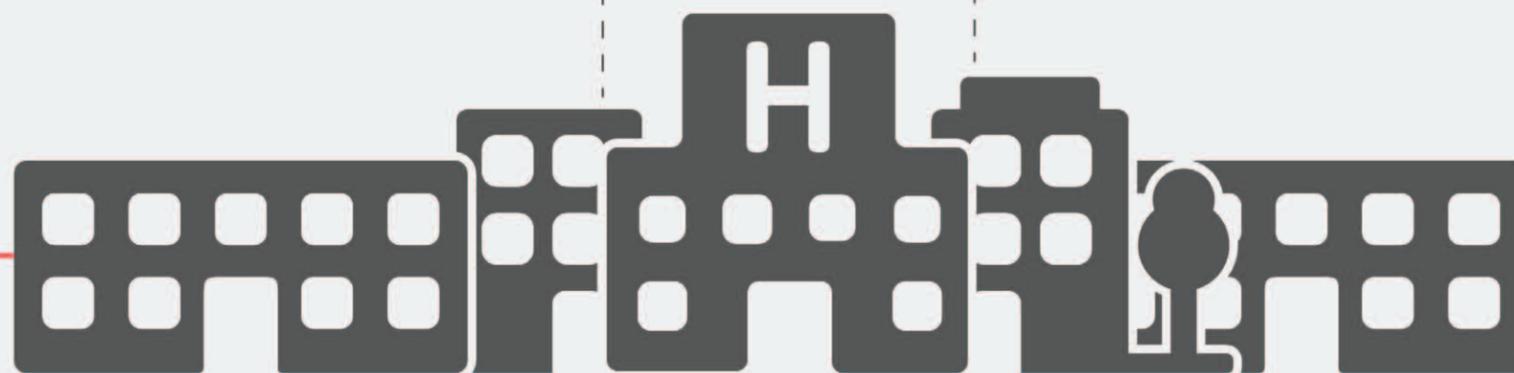
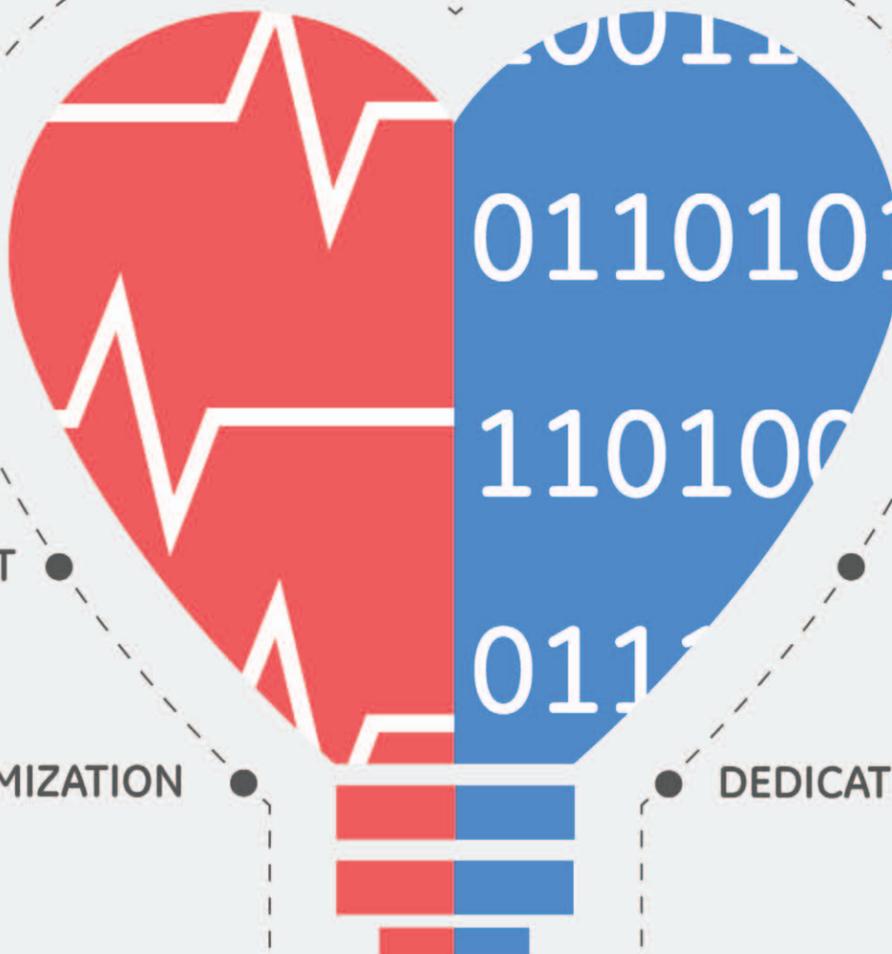
MORE CONNECTED



MORE SECURE



DEDICATED SERVICE & SUPPORT



100011011100010111000010

...and now bring your tools and data together to make smarter decisions.

MUSE is built on decades of research invested into the development of ECG analysis tools. Quality tools, validated against clinically correlated databases for accuracy and supported with over 150 scientific references.<sup>4</sup> Tools that you have come to rely on to elevate your level of care. Like serial comparison, which allows you to compare current and previous ECG records on one screen for improved diagnostic accuracy, reducing false-positive admissions for chest pain patients by 50%.<sup>5</sup>

And pacemaker pulse detection and annotations with an accuracy that protects paced patients from contraindicated treatments.<sup>6</sup> As the field of cardiology has evolved and become more complex, new voices have emerged and your IT needs have changed. You still value the quality of the data you collect, but you need that data to be more accessible, more connected and more secure. MUSE v9 builds on its heritage of storing and analyzing clinically rich cardiac data and allows it to be easily accessed and transferred automatically. It's the best of both worlds, so smart hospitals can keep making smart decisions.



<sup>1</sup> "Best Hospitals for Adult Cardiology & Heart Surgery." US News. U.S. News & World Report, n.d. Web. 14 Aug. 2015. <http://health.usnews.com/best-hospitals/rankings/cardiology-and-heart-surgery>

<sup>2</sup> DOC0591511- Reducing door-to-balloon time to speed up treatment, 2009

<sup>3</sup> DOC1010318 "Driving Cost, Quality and Access Improvements with Technology and Process Optimization", 2011

<sup>4</sup> JB33649XX-GE Healthcare Facilitating Research in Diagnostic Electrocardiography

<sup>5</sup> Lee, T.H., et al., Impact of the availability of a prior electrocardiogram on the triage of the patient with acute chest pain. Gen Intern Med, 1990. 5(5): p. 381-388

<sup>6</sup> Ricke AD, Swiryn S, Bauernfeind RA, Conner JA, Young B, Rowlandson GI. Improved pacemaker pulse detection: clinical evaluation of a new high-bandwidth electrocardiographic system. Electrocardiol. 2010; 44(2): p. 265-274. Co-authored in part by GE Healthcare employees.

## Imagination at work

Product may not be available in all countries and regions.  
Contact a GE Healthcare Representative for more information.

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Data subject to change.

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JB33211XXb 10/15