



# MUSE *in action*

Regional standardization

## Making the right connections

*“With a fully integrated MUSE system, [we have] a strong foundation to build on for future cardiac expansion at our hospitals and clinics.”*

– Clinical Lead, Cardiovascular Services

*Not-for-profit regional healthcare system with 4 hospitals and 19 clinics*

## Challenges

- Inability to correlate cardiac care when patients were seen at multiple sites
- Inefficient access to ECG records
- Cost and time associated with paper ECG storage and management

## Goal

Expand and standardize ECG management across the system, creating an enterprise cardiology database that would be easily accessible and adaptable to the needs of each facility

## Solution

Implementation of the MUSE™ Cardiology Information System to support the regional system in managing more than 13,000 ECGs each month

## Key Outcomes



### Quality

- ECG interpretation accuracy increased to more than 99%
- Improved access to data to meet quality and compliance objectives



### Productivity

- ECG turnaround time decreased from 15 hours to less than 5 hours on average
- Less time to complete, record, and correct billing, streamlining the patient charge process



### Cost savings

- Software-only solution with consistent 24/7 availability and support eliminated cost and time associated with paper-based processes
- Enabled system to standardize user competencies, training, and future equipment acquisition



### Security

- Having a centralized server allowed tighter management by IT staff and a higher level of data security