



SW Echocardiology Digital Mapping Discovery for NHS England

An outcomes based solution from Evolution Digital Health

Background

NHS England South West commissioned Evolution Digital Health to deliver a Discovery Phase for mapping echocardiology digital services across all NHS trusts in the region. The aim was to understand the fragmented digital landscape, reduce inefficiencies and lay the groundwork for regional collaboration and transformation.



Engaged 40+ stakeholders across 15 NHS trusts



Developed 5 custom data collection tools



Mapped over 20 echo systems

Challenges

- Significant fragmentation of systems: 6 trusts using PACS and 9 using separate cardiology systems.
- Manual and inefficient workflows leading to repeat scans and high admin burden.
- Absence of a regional baseline for digital maturity or integration readiness.

Solutions

Evolution delivered a structured discovery programme to map digital echocardiology services across the South West region.



We engaged 15 NHS trusts to validate a scalable framework for future transformation.



A blend of stakeholder interviews and technical assessment tools captured real-world system variation and pain points.



The findings enabled a clear, trust-by-trust view of digital maturity and integration readiness.

Benefits

1 Validated Regional Blueprint

A region-wide methodology was developed and tested across 15 NHS trusts, confirming a viable approach for comprehensive digital mapping.

2 Clear Transformation Roadmap

Trust-by-trust analysis provided critical insights into infrastructure, workflows, and integration gaps, informing delivery-phase planning and priorities.

3 Engaged Clinical and Technical Stakeholders

A comprehensive stakeholder matrix was established, uniting clinical, IT and operational leaders across the region for ongoing collaboration.

