

A Case Study

Digitizing Cardiology Across Fortis Hospitals with SoftLink HCP-CVIS

From fragmented cardiac data to a unified cardiology ecosystem, SoftLink HCP-CVIS is enabling Fortis hospitals to transform cardiac care through structured, data-driven insights.



Background

Cardiology is inherently a data-driven and data-dependent specialty. Every diagnosis and treatment decision relies on multiple data sources including patient history, cardiac imaging, procedural findings, lab investigations, and diagnostic reports.

However, despite the rapid advancement of healthcare technology, structured cardiovascular data capture remains extremely limited in India. Industry estimates suggest that less than 2% of cardiac catheterization laboratories in India use structured reporting systems, leaving vast amounts of valuable clinical data undocumented or captured in unstructured formats.

Fortis Healthcare recognized this gap and set out to transform its cardiology departments through standardized, structured, and data-driven reporting.

The Objective

Fortis aimed to:

- Ensure consistent reporting of cardiac procedures regardless of physician style or experience
- Capture 100% procedural data aligned with international clinical guidelines
- Enable enterprise-wide access to cardiac patient records
- Build a structured cardiovascular data repository for research, analytics, and clinical decision support

To achieve this, Fortis partnered with SoftLink International to deploy the HCP – Cardiovascular Information System (CVIS).

The Solution: SoftLink HCP-CVIS

SoftLink's HCP-CVIS is an advanced cardiology information platform designed to capture, structure, and integrate cardiovascular data across the entire cardiology workflow.

The system is ACC–NCDR compliant, guiding clinicians to document all relevant procedural information according to internationally accepted cardiology standards.

Key capabilities

Structured Procedure Reporting

The system intelligently guides cardiologists during procedure documentation, ensuring that all clinically important parameters are captured in a structured format.

Seamless Integration with EMR

Procedural reports are generated in near real-time and automatically integrated into the hospital's HIMS and EMR, enabling clinicians across departments to access complete cardiac records instantly.

Enterprise Access Across Hospital Network

Being a cloud-based platform, HCP-CVIS enables secure access to cardiac patient data across multiple Fortis hospitals, improving collaboration and continuity of care.

Evidence-Based Clinical Decision Support

Structured cardiovascular data enables clinicians to make better-informed treatment decisions supported by comprehensive procedural insights. Built-in tools for **SYNTAX Score calculation** and **Appropriate Use Criteria (AUC)** help clinicians evaluate lesion complexity and guide evidence-based treatment planning.



Expansion Across the Fortis Network

Following the success of initial deployments, SoftLink International expanded the CVIS implementation across seven hospitals within the Fortis Group network.

This expansion marks an important milestone in Fortis' journey toward enterprise-wide cardiology digitization.

Key Outcomes

Enterprise-Wide Cardiology Digitization

The CVIS platform consolidates data across Cath Labs, Echocardiography, TMT, ECG, and other cardiology modalities, creating a single source of truth for cardiac patient records.

Standardized Clinical Documentation

Structured reporting templates ensure uniform clinical documentation across physicians and hospitals, improving quality, audit readiness, and compliance.

Multi-Hospital Collaboration

Clinicians across Fortis hospitals can securely access cardiac records, enabling better care coordination and continuity of treatment.

Foundation for Research & Analytics

With structured cardiovascular datasets being generated across the network, Fortis will soon have one of the largest cardiac data repositories, supporting:

- Clinical research
- Outcomes analysis
- Clinical decision support systems
- Evidence-based care models

Conclusion

The implementation of SoftLink HCP-CVIS across the Fortis hospital network represents a significant step toward modernizing cardiology departments through structured data and integrated workflows.

By enabling standardized reporting, enterprise access to cardiac data, and scalable cloud infrastructure, SoftLink is helping Fortis build a connected, data-driven cardiology ecosystem.