

# ASCEND CV



## Cardiovascular Reporting for an Environment of Change

*Cardiovascular care is changing at an unprecedented rate. Cardiovascular IT solutions supporting hospital workflow now need to anticipate evolving requirements as they arrive. With new cardiovascular procedures and models of care, healthcare providers are challenged to deliver improved outcomes, maximize revenue, and reduce operational costs, while achieving a high level of satisfaction for their clinical staff.*

ASCEND CV is a comprehensive portfolio of multimodality cardiovascular structured reporting and workflow solutions designed to leverage existing enterprise systems and devices critical to cardiovascular workflow. The solution anticipates modality-specific workflows and satisfies all clinical requirements. Its unified, comprehensive clinical knowledge base spans cardiovascular procedure types and provides continuity across the continuum of care.

## Improve Quality, Efficiency, and Physician Satisfaction

Featuring applications to optimize workflow and enhance clinical content for procedure reports, ASCEND CV's robust architecture empowers superior clinical reporting. The vendor agnostic solution ensures quick adoption and ease of use through the professional efforts of a dedicated customer service team and real-time engagement tool embedded within the solution to provide user support directly within the workflow.

## Benefits

- Drive improved clinical and operational performance
- Produce consistent, readable procedure reports from coded data
- Streamline workflow, and reduce report turn-around
- Raise the quality of patient care with accurate, complete, and accessible data
- Enable cross-modality data comparison for quality improvement
- Reduce costs with actionable management reports
- Scalable solutions support consolidated data management across hospitals and hospital networks

## Workflows & Knowledge Bases

- Adult Echo/Stress
- Cardiac Cath Lab and Invasive Vascular
- Cardiovascular CT
- Cardiovascular MR
- Electrophysiology
- Noninvasive Vascular
- Nuclear Cardiology/Stress
- Pediatric and Fetal Echo



## Integrated Applications

### KBEditor

A web-based administrative tool, KBEditor gives users access to configure, review, and maintain workflows and the tools necessary to make on-going optimization adjustments.

### Catalyst

A real-time engagement application embedded within ASCEND CV, Catalyst provides solution support and training to users directly in their workflow.

### Analytics

The analytics application makes the coded clinical data from ASCEND CV reporting, medical devices, and the patient demographics from the Hospital Information System (HIS) manageable, meaningful, and actionable.

## Select Features

- Unified data schema across modalities
- Consistent UI and tools across CV workflow spectrum
- Data-driven interactive diagrams
- Integration with leading hemodynamic monitoring systems, DICOM SR, clinical devices, and imaging platforms
- Prior study data carry-forward for rapid reporting of serial studies
- Extensive measurements and calculations, with prior comparison
- Suggested interpretations triggered by measurements (based on ASE guidelines)
- Speech recognition enabled
- ACC National Cardiovascular Data Registry (NCDR) workflow support
- Intersocietal Accreditation Commission (IAC) workflow support

## Sample Reports

### Clinical

- Structured procedure reporting and referral letters
- Invasive and Noninvasive cardiovascular subspecialties

### Administrative

- Statistical reports of procedure counts, status, and completion times
- Performance reports on staff procedure completion times, overdue reads, and procedures reported

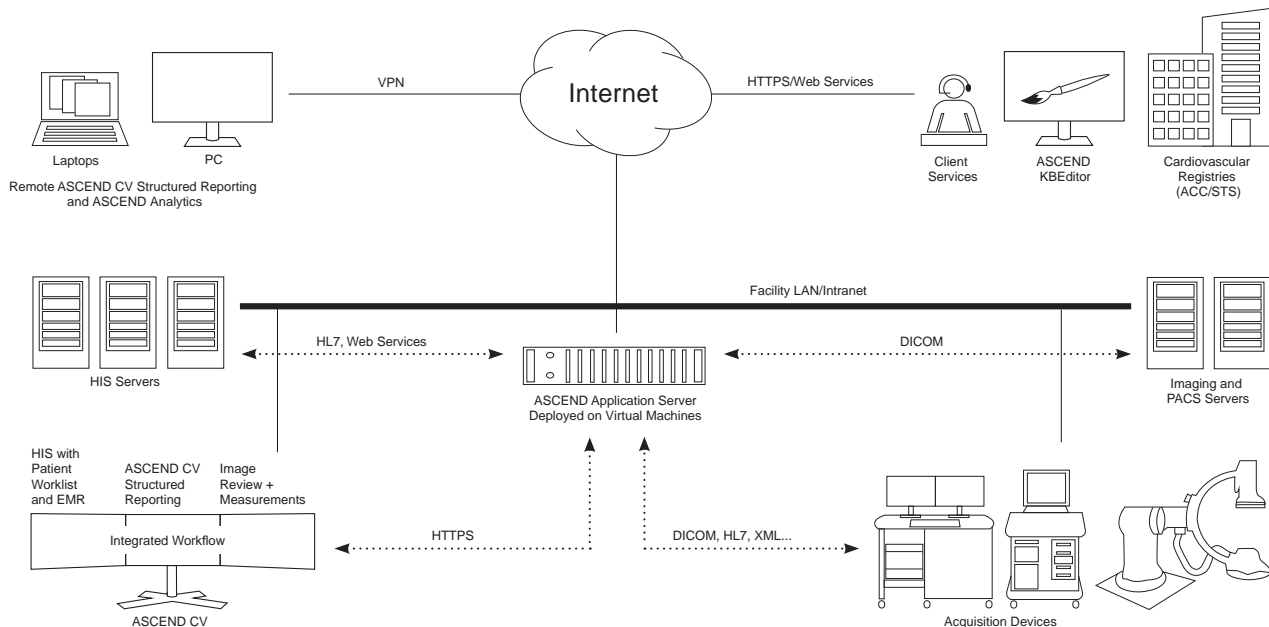
### Quality Assurance

- Reports to support IAC accreditation
- Complication lists by procedure and physician

### Research/Clinical

- Case lists of clinical findings

### Teaching case tracking



*Intelligent Enterprise Integration*



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