ASCEND

Health Information Technology

Your Complex Cardiovascular Challenges.
Our Complete Solutions.

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With decades of experience in Cardiovascular IT and a practicing cardiologist at our helm, ASCEND provides unparalleled expertise in cardiology workflow and enterprise integration.

Our comprehensive structured reporting and analytics applications integrate seamlessly with clinical devices and EHR applications to provide complete solutions that address evolving cardiovascular workflow and data accessibility challenges.

Workflow

Cardiovascular Structured Reporting and Multimodality Visualization

ASCEND CV is a comprehensive portfolio of multimodality structured reporting, workflow, and image visualization solutions designed to leverage existing enterprise systems and devices critical to cardiovascular workflow. Its unified clinical database includes an extensive catalog of cardiovascular procedure types and provides continuity of care by:

Streamlining workflow and reducing report turn-around times

Elevating quality of patient care with accurate, complete, and accessible data

When combined with InView®, providing a highly effective, streamlined solution for viewing and reporting that, when augmented by AI and machine learning, will intelligently classify echo images and organize them for review according to anatomy and pathology categories for precise staged comparison.

Enabling cross-modality data comparison for quality improvement

Producing consistent, readable procedure reports from coded data

Clinical Workflows include:

- Adult Echo/Stress
- Cardiac Cath Lab and Invasive Vascular
- Cardiovascular CT
- Cardiovascular MR

- Electrophysiology
- Non-Invasive Vascular
- Nuclear Cardiology/Stress
- Pediatric and Fetal Echo

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ASCEND Analytics

By leveraging data from ASCEND and seamlessly integrating with the EHR, HIS, medical devices, and other systems, ASCEND Analytics provides a rich data warehouse and flexible tools that facilitate limitless opportunities to uncover real-time insights into clinical, operational, and quality performance.

1 Collect and organize tens of thousands of distinct clinical and operational data elements across the continuum of care–from initial referral to diagnosis, treatment, and beyond

2 Enable proactive, evidence-based cardiovascular disease management and continuous and quality improvement initiatives

3 Quickly and accurately identify patient cohorts for proactive intervention, procedure candidacy (e.g. TAVR), or quality and research studies
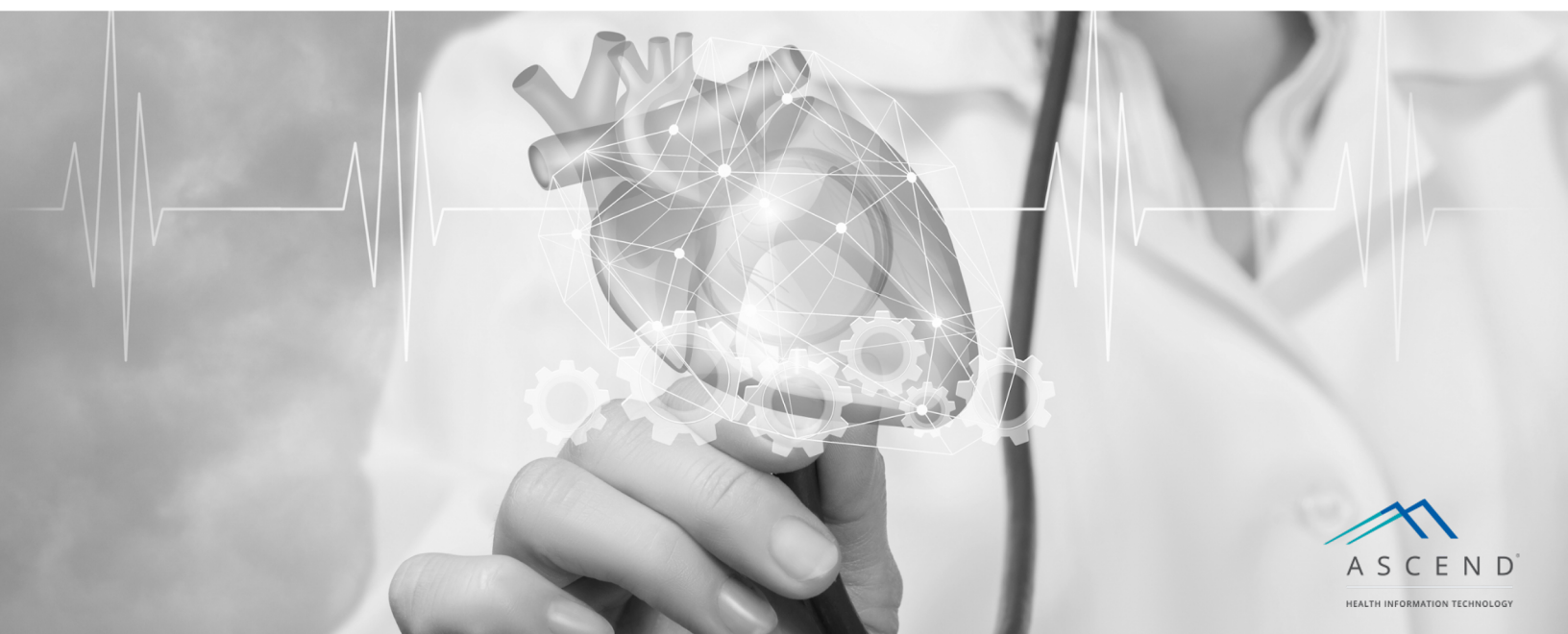
4 Simplify and accelerate registry reporting and accreditation activities (e.g. ACC NCDR, ASE, ASNC, IAC, etc.)

5 Access your data, your way with 100+ canned reports, interactive discovery tools, or easily integrate with 3rd party BI (Tableau, Power BI, and others)

Designed with openness in mind, ASCEND Analytics' open schema and structured data repository easily integrates with 3rd party applications, AI and machine learning algorithms, and supports custom development projects.

ASCEND
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Professional Services & Support

Delivered by Seasoned Cardiovascular and IT Workflow Experts

ASCEND offers an ecosystem of tools and services for profiling workflow patterns and driving targeted optimization. With a long history of delivering on-time, successful implementations and a strong reputation for delighting customers, the ASCEND Professional Services and Support team is with you every step of the way.

Flexible implementation methodology with a collaborative, results-driven approach ensures the success of each project–no matter how unique or complex.

Consultative services provided by cardiovascular experts work with you to identify opportunities for optimization and implement innovative workflow, integration, and analytics solutions.

Experienced project management professionals and a diverse team of clinical, technical, and integration experts deliver tailored, reliable solutions.

Ongoing training and education services provide flexible live or self-service delivery options that cater to individual learning styles and accelerate adoption, improve user proficiency, and drive clinical efficiency.

Expert support services provide 24/7 coverage and leverage proactive monitoring and clinical and technical experts to deliver 99.999% uptime and an unparalleled customer experience.

Continuous Improvement

With usage pattern monitoring that proactively identifies optimization opportunities, clinical workflows that can be adapted and expanded upon, and a team of experts ready to help you cultivate workflow and application performance, every aspect of ASCEND's solutions and services are designed to meet your organization's evolving needs.

Proactively identify opportunities for enhancement or users who could benefit from additional training by leveraging ASCEND's cardiovascular workflow experts empowered with an arsenal of complementary tools that ASCEND has developed.

Perform an introspective analysis of your organization's workflows and usage patterns to uncover reporting process, layout, or content improvement opportunities.

Implement recommended improvements and corrective actions quickly and easily using the Knowledge Base Editor tool or design custom solutions in collaboration with ASCEND's expert consultative services team.

Our belief is that your systems should not only serve your immediate needs but be consistently evolving to improve and continuously add value to your organization.