



Control &
Communication Systems

AVISTA® Software and Systems Engineering Services

The strongest software engineering team in the medical industry for FDA 510(k) and IEC 62304 development, with a CMMI® rating and AS9100 certification

The AVISTA software engineering team supports development of highly regulated, life-critical medical devices and systems

Leading companies in medical electronics turn to Esterline's AVISTA team when outsourcing their life-critical software engineering. Our technical and program-management expertise, staffing flexibility, and experience in successful projects support our customers in achieving product marketing requirements and total development-cost savings.

Development Processes

We have logged thousands of engineering hours in development and verification projects under the FDA 510(k) and IEC 62304 standards. With our vast knowledge of implanted medical-device technology and expertise in life-critical development methodology, we

know how to tailor process rigor to align with customer needs.

To manage costs and on-time delivery, we implement real-time monitoring and control through earned-value management system (EVMS) tracking and project risk management. In addition, our dedicated, full-time SQA experts help ensure the greatest possible reliability and quality.

Personnel

Our management team has years of successful experience managing distributed development teams, delivering a unique combination of experienced US staff and offshore resources for a complete, cost-competitive solution. We also offer PMP®-certified program-manager expertise to ease the project-management burden.

Supported Technologies

We support clients in the development of embedded low-level software, application software, database systems, operating-system maintenance, and web-client development including language support, user interfaces, wireless telemetry, and laboratory research.

Services

We provide comprehensive services to support all phases of medical-device development:

- Conceptual design
- Requirements capture and analysis
- Software design and implementation
- Software verification and validation
- Design and setup of automated testing environments

Medical Experience

- Neurological weight-loss devices
- Patient-warming systems
- Web-based medical-coding applications
- Next-generation pacing systems
- Programmable infusion pumps
- Implantable defibrillators
- Wireless cardiac-rhythm-disease management systems
- Radial oncology planning software
- Medical-device programming systems
- Implantable loop recorders
- X-ray spot film devices

For more information about AVISTA software and systems engineering services, call us at 608-348-8815 or email avista@esterline.com.

Approved for public release; distribution is unlimited.

© 2016 Esterline Technologies Corporation. "AVISTA" is a registered trademark of Esterline Technologies Corporation.

SEP16

Esterline
P.O. Box 636
1575 East Business Highway 151
Platteville, WI 53818-0636
608-348-8815
www.esterline.com