

AVISTA® software and systems engineering services

Leading companies in aerospace, defense and medical electronics turn to the AVISTA team when outsourcing their safety-critical engineering. Our comprehensive, embedded software development and systems engineering services enable them to satisfy customer requirements while achieving total development cost savings.

With the strongest DO-178B software engineering team in the industry, we are also one of only a handful of US companies to achieve both a CMMI® Level 5 rating and ISO 9001:2000 certification. Those world-class ratings, along with our PMI-based™ process management approach, ensure the highest quality results for every project.



AVISTA embedded software and system engineering experts provide full and partial life-cycle development, including systems design, requirements capture and analysis, software design and implementation, and software verification and validation. With more than 1,000 projects completed, no one else has as much experience in safety-critical software development.

Our team has worked on almost every aircraft developed over the last 20 years. We have deep experience in safety-critical systems, including:

- Flight management (FMS)
- Central maintenance computers (CMC)
- Integrated displays
- Data links
- Satellite communications
- Aircraft navigation / communication radios

- Electric power generation and distribution
- Mission planning
- Autopilot
- Actuation
- Engine control
- Test equipment
- Traffic alert and collision avoidance (TCAS)

The key to the AVISTA team's success is simple: our people, our process, and our promise to deliver only the highest quality software services, characterized by exceptional personal support and technical expertise.

People

We offer a unique combination of experienced US staff and offshore resources for a complete, cost-competitive solution. We are experienced with DO-178B/C, DO-254, and numerous Mil-Specs. Also, we offer program manager expertise to ease the project management burden, at no cost to you.

Process

We use high-maturity, efficient processes for system reliability, cost control, and on-time delivery. We provide the industry's most accurate project estimates, tracking, and scheduling, with real-time earned value tracking. Our detailed basis of estimate also shows how we can lower your total development costs. Finally, our dedicated, full-time SQA experts complement the mature processes for the ultimate software quality.

Promise

We'll get the job done with a single-minded focus on your product's success.

For more information about AVISTA Services, visit www.esterline.com/controlsystems/avista

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