



Altia Engineering Services

End-to-end expertise in embedded graphical user interfaces (GUIs).

With decades of experience in real-world embedded display scenarios, Altia's Engineering Services Team is expert at solving difficult customer challenges—utilizing best practices to create custom software solutions, employing modern UX principles and quality testing practices.

Key Benefits

- Gain expertise and productivity without adding headcount
- Obtain the best results and highest performance with your GUI projects
- Get the most of our team's deep technical knowledge, urgency and keen eye for quality
- Work with local points of contact for your project – team members available worldwide
- Fill in the gaps in your team's expertise with Altia's artists, UX specialists and embedded experts
- Overcome tight turnaround times and performance challenges
- Simplify your certification with our experts trained in ISO 26262, ASIL, MISRA and others

CloudWare[™]

Best in class 2D and 3D
Graphic Tools

 **Design**

 **DeepScreen**

Any hardware, from low to high-power
Target Hardware



Altia Engineering Services

“

I felt I was working with a team just down the hallway, This is the kind of relationship we look for. Our users are thrilled. With Altia's help, this is what this product always wanted to look like.”

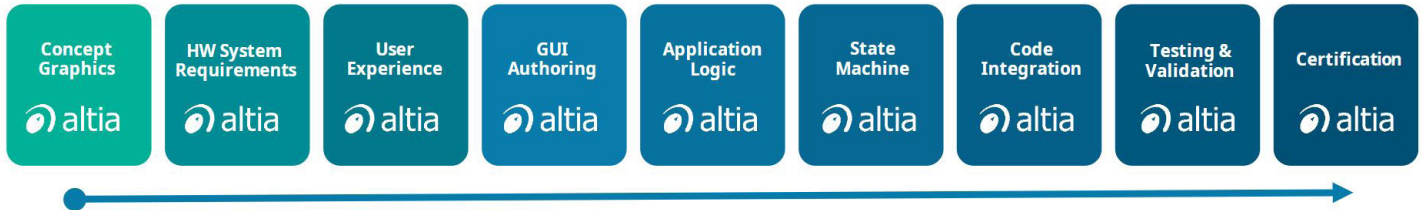
– Senior Principal Software Engineer, Top 5 Global Medical Device Company

Industry Expertise



Altia Engineering Services can...

- Create custom 2D/3D graphics and storyboards for branded look and feel and optimized UX.
- Optimize your graphics for your MPU or MCU
- Deliver prototypes on PC or hardware for conferences or executive reviews
- Support industry-specific safety compliance and certification
- Plan and implement the architecture, development and optimization of your GUI
- Validate that your GUI is a pixel-perfect match between concept and implementation



Common Challenges Altia Engineering Services Can Overcome

Is this your first embedded GUI project? We can provide expert guidance to help you and your team learn about how to design and develop GUIs with Altia while getting your first GUI up and running.

Has your current GUI project hit a roadblock? We can help you get your project on track efficiently and ensure defect-free performance and high-quality delivery.

Having trouble getting good performance on hardware? We thrive when optimizing for limited hardware capabilities, small amounts of memory—both RAM and flash—as well as a variety of screen sizes.

We have the **tools and people** to help you **get your project to completion**, from storyboarding to graphics design to code generation to testing to certification.

“Altia has solutions that cover every phase of human-machine interface expertise. They have a thorough understanding of GUI-based applications that supports quick market releases. But it is the relationship between our team and Altia that is most valuable. Together we have introduced exciting new features that meet consumer needs, on time and within budget. And we’re just getting started.”

– Project Manager, Multi-National Home Appliance Manufacturer

Contact Us

For more information about how Altia can help you get your next great GUI into production, visit altia.com/contact.

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