

How Good Design Becomes a Great User Interface

Great user interfaces make the complex simple — and so do great user interface development tools.



With Altia, you get a first class embedded display:

- From your artist's imagination
- To the lowest cost hardware
- In the shortest amount of time

Altia can help your company get an outstanding graphical user interface into production on an array of low- to high-power hardware targets from a variety of hardware vendors, including:

- Altera
- Freescale
- Fujitsu
- NXP
- Renesas
- STMicroelectronics
- Texas Instruments
- Toshiba
- Yamaha
- Android
- iPhone / iPad
- ...and others

Companies in the automotive, industrial, consumer electronics and medical industries are putting state-of-the art interfaces into production with Altia.

Altia + Arrow: Get GUIs on Target

Whether you are creating a new product display or giving your current product a face-lift, Altia's user interface engineering tool chain gives you the capability to create amazing embedded HMIs.

1



DEVELOP CONCEPT

PhotoProto + FlowProto

2



BUILD GUI

Altia Design

3



GENERATE CODE

DeepScreen

Altia's Model-Based Development Process

Altia offers a unique and easy to use suite of product visualization tools for rendering images, giving development teams the power to create custom, working graphical user interface models without the need to program graphics.

Your Altia-built GUI can be paired with actual product logic to create an interactive model. This model provides a means for clear communication between different departments involved in development – from artists and designers to software and systems engineers. Generate code and run on hardware early in development to test the model with customers and managers. This gives you the opportunity to collect and incorporate feedback, thereby enhancing user experience and performance. Finally, generate C code from your model that is optimized to take full advantage of your production platform.

Altia Advantages

- Reduced engineering time (average 50%)
- From low end processors to high end systems
- Works with any OS or no OS at all
- Custom GUI development
- Complete, efficient C source code



For more information about how Altia and Arrow Electronics can help you get your next great interface into production, contact your Arrow sales rep at (800) 833-3557 or email us at info@altia.com.

