altia®

R-Car Proactive Partner Solution
Altia DeepScreen for R-Car E3e

RENESAS
R-Car *Consortium*

Solution Summary

The Altia DeepScreen code generator delivers optimized graphics code to leverage the unique feature set of the Renesas R-Car E3e to deliver the best performance and lowest possible memory footprint. Altia's scalable HMI software solutions support a variety of Renesas products, including R-Car D/E/M/H (all generations), Synergy S5/S7, D1Lx, D1Mx, DR4-3D, Dx4-H, RX600, SH7268/9, RZ/A and RZ/G2.

Features/Benefits

- Develop and deploy custom HMIs without hand-coding
- Integrate assets from all popular design tools – including any 3D tool
- Collaborate efficiently with a state-of-the-art, streamlined workflow
- Create functional prototype at any stage for UX testing
- Generate code at any point in development to test performance
- Get best performance with optimized graphics code using all on-chip resources
- Benefit from quality initiatives for ASPICE, MISRA and ISO 26262

Diagrams/Graphics

Target Markets and Applications

- Instrument Clusters
- Infotainment Systems
- Head Up Displays
- Integrated Cockpits

https://altia.com/rcare3e/

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Corporate Information	
Company Name	Altia
Global Headquarters	111 South Tejon Street, Suite 204 Colorado Springs, Colorado, USA 80903
Year Incorporated	1991
CEO	Mike Juran
Business Description	Embedded HMI Software and Services
Website	www.altia.com
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Altia specializes in human-machine interface (HMI) development software solutions for production embedded displays. Automotive OEMs and Tier 1 suppliers leverage Altia's tools and services to develop and deploy custom graphics for instrument clusters, head-up displays, in-vehicle infotainment (IVI) systems, radios, ADAS displays and integrated cockpit applications.

The Altia tool chain includes an integrated, efficient and easy-to-use workflow with advanced 3D capabilities, global language support and much more. Altia's latest product, Altia CloudWare™, provides the power for GUI development teams to pair Altia's production-proven graphical user interface software with popular embedded hardware to create a test drive experience for distributed GUI teams from anywhere in the world. The Altia Professional Engineering Services Team delivers global support across the GUI development lifecycle – from graphics development and user experience research through to testing, functional safety certification and production.

For more information about Altia, visit www.altia.com or email info@altia.com.