

DIGITAL COCKPIT CONTROLLER FOR AN OEM

Benefits

- ECU Consolidation
- Cost Reduction
- Better Safety and security enforcement

Hardware

- Complete HW development by Tata Elxsi
- Renesas R-Car H3 SoC
- Renesas RH850 NIP
- NXP Dirana 3 Audio codec

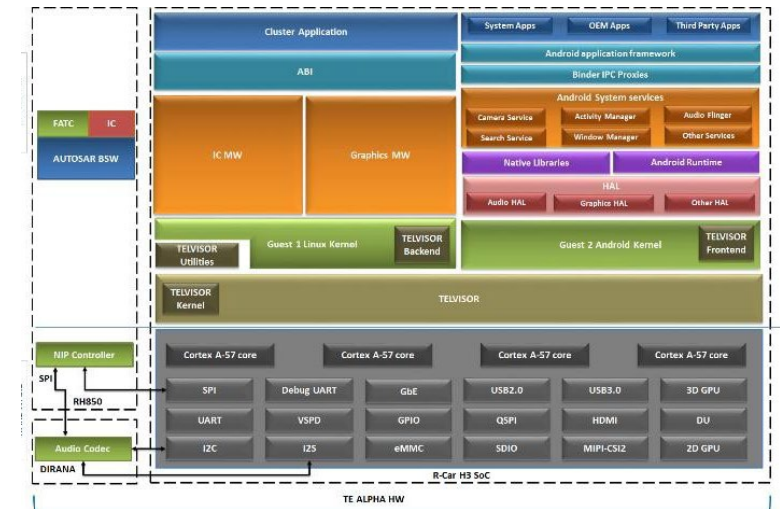
Hypervisor

- Complete Hypervisor development by Tata Elxsi
- Type-1 or bare-metal hypervisor
- Fully Para virtualized guest
- Capable of hosting Linux, Android RTOS

Operating System

- Automotive Grade Linux (AGL) for IC
- Android Automotive for IVI

Digital Cockpit Controller solution facilitates the simultaneous working of Infotainment, Instrument Cluster, and ADAS functionalities in real-time from a single Soc without compromising the security of performance requirements. It can drive multiple high-resolution displays, including HUD.



Single-chip solution Architecture for Digital cluster and infotainment

MARKET
Global

BUSINESS BENEFIT
Time to Market

DELIVERY MODEL
Fixed Price & Time and
Material

WHAT'S NEXT
Feature Enhancements