



WIND RIVER HELIX CARSYNC*

Over-the-air platform for maintaining vehicle software

Like any software-driven platform, autonomous vehicles periodically require updates, patches, and new software. However, unlike most other computing devices, cars are rarely physically plugged in to networks.

Wind River Helix CarSync* is an intelligent over-the-air (OTA) software, firmware, and data management platform that will help auto manufacturers to maintain the integrity of embedded systems while reducing costs across the life cycle of the connected vehicle. It will enable auto manufacturers to deploy more secure, cost-efficient software updates to connected vehicles, reducing recalls and costs while increasing customer satisfaction.

DEMO DESCRIPTION

This demo simulates a dashboard and windshield environment to show CarSync and cockpit use-case examples for OTA software updates, connected IVI, and simulated heads-up display.

KEY POINTS

- Car-to-cloud platform for efficient and secure OTA software and firmware updates with integrated encryption, authenticity, and integrity safeguards
- Reduced software-related costs and complexity
- Helps maintain up-to-date software, firmware, and applications for the lifetime of the vehicle
- Simplified deployment of new premium services or upgrades to existing in-vehicle applications



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