

HARMAN READYconnect

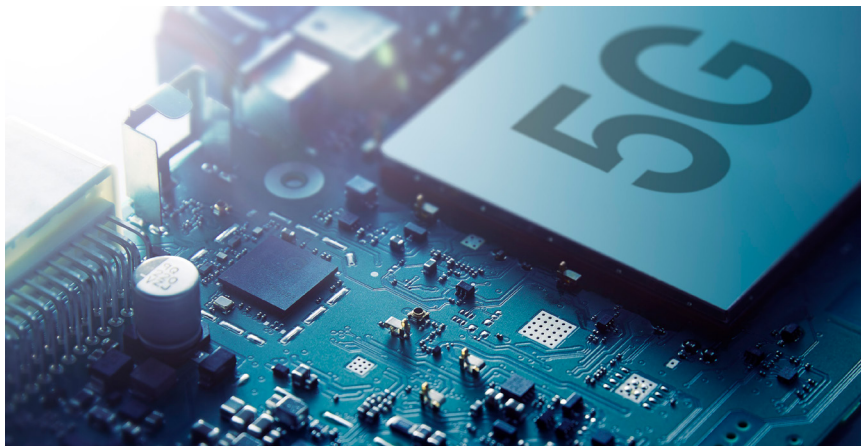
Overview

Most vehicles on the road today lack the telematics control unit (TCU) needed to support today's data needs. These hardware limitations impact what information and integrations are available to keep drivers safe, connected and informed. Procuring adaptable and affordable technology is an ongoing challenge for OEMs. A new solution to solve for cost, complexity and scale is needed.

HARMAN Ready Connect Essential is a cost-effective 4G/5G TCU that helps automotive OEMs maximize product longevity, versatility and capability through modular hardware upgradability and software scalability. Transformational in design and performance, HARMAN Ready Connect reduces cost and time-to-market, while raising the bar for improved connected mobility experiences focused on safety, entertainment and productivity.

KEY BENEFITS

- Futureproof design via upgradable hardware and scalable software
- Supports the latest regional and global standards
- Enables integration of C-V2X connected mobility user experiences
- Shortens time-to-market (18 months < SOP) due to potential reuse up to 90% software across product variants



HARMAN Automotive

At HARMAN, we believe cars should be for living, not just driving. We're satisfying the drivers' hunger for cutting-edge technology, while putting OEMs back at the helm of providing great consumer experiences.

With over a half century of experience delivering products at the highest caliber, HARMAN Automotive provides human-centric solutions based on exceptional standards.

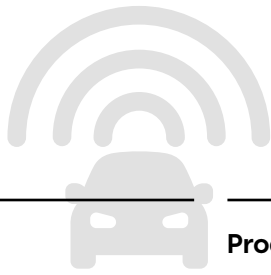
Our products are conceptualized by getting inside the minds of drivers and passengers alike to deliver the great experiences they love. We are focused on building city intelligence and delivering safer communications between the car and its environment to satisfy the growing need for connectivity.

We're staying ahead of drivers and passengers – and the world around them.

Consumer Experiences. Automotive Grade.

Consumer
Experiences.
Automotive
Grade.

KEY FEATURES



Product Scalability

Ready Connect Essential maximizes the level of software reuse and portability, therefore shortening the time-to-market and allowing greater feature versatility and capability.

Product Upgradability

This futureproof solution enables improved product longevity through hardware modularity, allowing modules to be replaced and/or upgraded to keep pace with evolving consumer technology trends.

Transformational Usability

Provide end-consumers with unique connected mobility experiences through new and innovative performance integrations and design elements.

Up to 50% reduction in development cost

Faster Time to Market w/ SOP in 12 months

Futureproof

4G → 5G → Beyond

Interchangeable pin-compatible NAD modules

Extended Situational Awareness

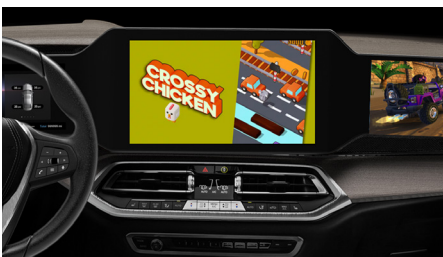
Unrivaled Capability & Compatibility

HARMAN READYvision, HARMAN READYupgrade, HARMAN READYcare, HARMAN IgniteStore

TRANSFORMATIONAL USER EXPERIENCES – CONNECTING WHAT MATTERS MOST

Ready Connect supports V2X ICX use cases such as traffic light information and construction zone warning. In collaboration with Traffic Technology Services (TTS), Ready Connect can display real-time traffic information from their leading content aggregation and prediction platform. Through this partnership, data from intersections found across the United States and Europe can display pertinent information for a driver's route, such as traffic light awareness, without having to rely on roadside or in-vehicle sensors.

High-Definition Gaming



Video Conferencing



Traffic Light Efficiency & Construction Zone Warning



HARMAN

More than 50 million automobiles on the road today are equipped with HARMAN audio and connected car systems. Our software services power billions of mobile devices and systems that are connected, integrated and secure across all platforms, from work and home to car and mobile. The latest innovations from HARMAN leverage connected lifestyle and hardware expertise from Samsung. This allows automakers to create an ecosystem of unique, smart, enhanced and rich in-vehicle experiences. Together HARMAN and Samsung are architects of experience, designing the most intuitive and immersive interactions with in-vehicle technology. HARMAN is a wholly-owned subsidiary of Samsung Electronics Co., Ltd.

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