



UnifyVehicle

NETWORK COMPUTING PLATFORM

SUPERCHARGED CONNECTIVITY AND COMPUTING POWER

KEY BENEFITS

Adds intelligent capabilities to new and existing TM9300 and TM9400 mobiles

Increases user productivity through flexible application support

Creates a network of networks through LMR, Wi-Fi and Bluetooth

Enhances worker safety by expanding vehicular communications

UnifyVehicle adds powerful computing and network capabilities to new and existing TM9300 DMR and TM9400 P25 mobiles. This intelligent module creates a vehicle-area-network, providing connectivity through Land Mobile Radios (LMR), Wi-Fi® and Bluetooth®.

UnifyVehicle delivers intelligent mobile hot spot capabilities and seamlessly detects and switches to the best available signal to avoid user downtime. Public Safety and utility workers can effectively communicate business-critical information through the device of their choice—smartphone or tablet.

This Network Computing Platform runs on a Linux® operating system, and will include application support through Application Programming Interfaces (APIs) and Software Development Kits (SDKs). Users can quickly integrate Push-To-Talk

Android™ and IOS® apps into their mobile, or create new ones to meet specific needs.

UnifyVehicle enhances worker safety and security through geo-fencing location services and storing time-stamped records of all communications for playback and review. The module also works with Harris EnableFleet and Wi-Fi connections to more efficiently update radio configurations and firmware through Over-the-Air- Programming (OTAP).

FEATURES AND BENEFITS

UNIFYING CRITICAL COMMUNICATIONS

UnifyVehicle brings a whole new level of networking power to both new and existing Harris radios, including the TM9300 and TM9400. As technologies converge user capabilities grow, increasing complexities and demands on critical systems. UnifyVehicle simplifies connectivity, supporting communication for users on the move where and when they need it most.

GREATER EFFICIENCIES AND EXPANDED COVERAGE

UnifyVehicle connects voice and data networks, increasing efficiencies by getting the right information to the right people via the fastest and most reliable methods available. This powerful application also expands existing mobile communication coverage areas and capabilities through access to long-range 3G and 4G LTE*, satellite technologies and shorter-range high-bandwidth Bluetooth and Wi-Fi.

VoIP READY

UnifyVehicle's platform allows a number of audio paths to be accessed and converted into VoIP. These streams can be used to deliver services over broadband and Ethernet ports.

POWERFUL APPLICATION SUPPORT

This network computing platform features a Linux operating system with sufficient memory and operating speed to run several applications at the same time. Designed for ease of use, UnifyVehicle has direct local connectivity with LMR processing platforms allowing many features to be accessed and tailored for specific communication needs.

ENHANCED FLEET AND ASSET MANAGEMENT

Security and safety of workers and vehicles are enhanced with geo-fencing location services and the ability to log, record and play back time-stamped voice communications.

APPBUILDER

This application provides a more user-friendly way of creating customized communications solutions. Behavior-based and graphical programming formats can be used.

HARRIS ENABLE-READY

When combined with Harris Enable Suite, UnifyVehicle provides OTAP with multiple communications paths, including over Wi-Fi, for improved connectivity and speed for programming updates.

SPECIFICATIONS FOR: UnifyVehicle-NETWORK COMPUTING PLATFORM

GENERAL

Operating System	Linux (OpenEmbedded)
Connectivity	Wi-Fi 802.11G, 3G*, LTE*, Bluetooth 4.2, Ethernet
Hardware	ARM Cortex A8, 600 MHz, 1 GB Flash, 512 MB DDR3, upgradeable SD memory
Supported Devices	TM9300, TM9400

* Future releases

About Harris Corporation:

Harris Corporation is a leading technology innovator, solving customers' toughest mission-critical challenges by providing solutions that connect, inform and protect. Harris supports government and commercial customers around the world.

Learn more at harris.com

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Tait Limited facilities are certified for ISO9001:2008 (Quality Management System), ISO14001:2004 (Environmental Management System) and ISO18001:2007 (Occupational Health and Safety Management System) for aspects associated with the design, manufacture and distribution of radio communications and control equipment, systems and services. In addition, all our Regional Head Offices are certified to ISO9001:2008.