VIDA Network Solutions

Regardless of the size of the organization, Harris' VIDA® (Voice, Interoperability, Data and Access) network solutions are revolutionizing the way critical communications users can now think about their network. Rather than offering only a single technology with its inevitable tradeoffs in coverage, cost, and feature sets, VIDA network solutions can be mixed and matched to provide the optimum technology for each user group. The end result is a single, cost-effective IP-based network that is flexible, responsive, expandable and easily upgradeable.

End-to-end IP

VIDA network solutions employ end-to-end digital packet-switched IP technology, ensuring increased efficiency, security and performance without the degradation in voice quality found in systems that may convert the original voice to digital and back to analog several times as it moves across the network.

VIDA network solutions also allow more choices for existing applications and peripheral devices such as consoles and mobile data terminals. Since users are not locked into one vendor with a narrow range of peripherals, it is easy to leverage the existing investment in legacy infrastructure and preferred third-party applications.

Software-defined radios

Along with support for multiple technologies, Harris has applied Software Defined Radio (SDR) technology to its suite of VIDA network radios. SDR and "smart radio" technology combine to allow users to interoperate among various systems deployed across a locality or region.
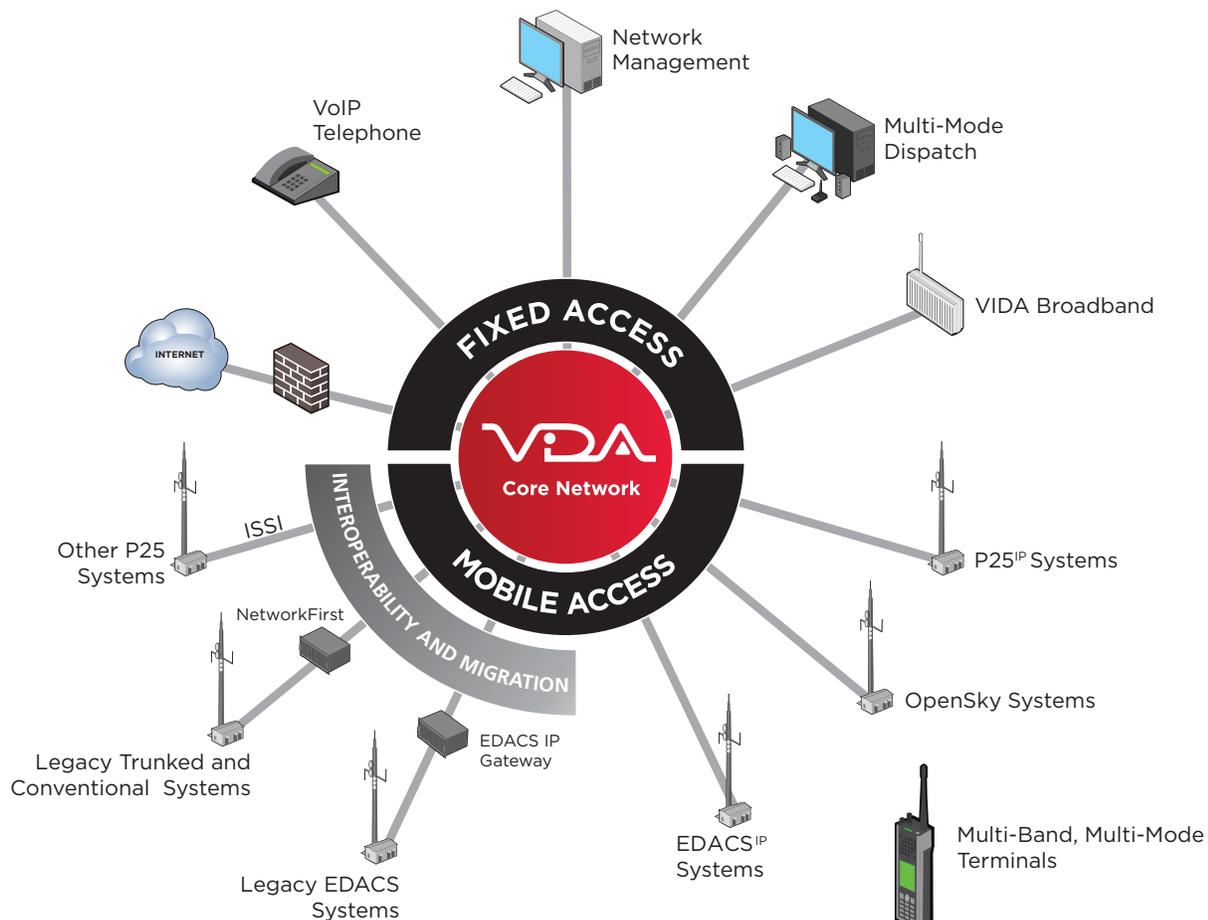
VIDA network radios are easily upgradeable, often over the air. This not only saves time, but reduces the need for spares since the radios do not have to be returned to the shop for reprogramming. Just as important, multimode and multi-frequency operation allows easy, planned migration from an existing system to a VIDA network solution.

"Whether the need is for a single technology or a hybrid mix, VIDA network solutions provide secure critical voice and data communications on a single, robust IP network."

Flexible, Secure Communications

Network Management

VoIP Telephone

Multi-Mode Dispatch

VIDA Broadband

INTERNET

FIXED ACCESS

VDA Core Network

MOBILE ACCESS

INTEROPERABILITY AND MIGRATION

Other P25 Systems

ISSI

NetworkFirst

Legacy Trunked and Conventional Systems

Legacy EDACS Systems

EDACS IP Gateway

EDACS^{IP} Systems

P25^{IP} Systems

OpenSky Systems

Multi-Band, Multi-Mode Terminals

Choose the right application for the right job

VIDA network solutions may be employed singly or in combination, allowing organizations to base system design on end-user requirements rather than the limitations of various technologies. Specific VIDA network solutions that may be matched to these requirements include:

- OpenSky®
- P25^{IP}
- EDACS^{IP}
- Legacy systems
- NetworkFirst interoperability solutions
- VIDA 4.9 GHz Broadband Data
- VIDA Rapid Deployment System for emergency applications

For more information on specific VIDA applications, contact your local Harris salesperson, or one of our Channel Partners.

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