



# V<sup>IP</sup> CONSOLE DISPATCH SOLUTION

## POWERFUL AND SECURE DISPATCH COMMUNICATIONS

Designed as a powerful yet compact network dispatch radio solution, the V<sup>IP</sup> Console provides a flexible means of tracking radio system communications. The console uses the power of Internet Protocol (IP) to provide end-to-end Voice-over-IP support for P25, OpenSky<sup>®</sup>, and NetworkFirst<sup>®</sup> systems, delivering fast, efficient, and secure connections. The V<sup>IP</sup> Console can be connected wherever access to the Harris Voice, Interoperability, Data, and Access (VIDA<sup>®</sup>) IP network is available.

### FEATURES

Affords easy access to basic and enhanced dispatch on P25, OpenSky, and NetworkFirst radio systems.

Is ideal for smaller dispatch needs or administrative monitoring.

Operates on a secure, flexible IP network.

Provides user authentication and registration services.

Supports the AMBE<sup>®</sup>, P25 IMBE<sup>™</sup>, and ADPCM (conventional) vocoders and AES encryption.

### POWERFUL, COMPACT DISPATCH

The V<sup>IP</sup> Console provides powerful, yet compact dispatch capabilities for use when the full-featured Symphony<sup>™</sup> console is not required. With four communications modules, it is also perfect for administrative monitoring of system communications. Since the console can run on a standard PC desktop workstation or laptop, no extra equipment is required.

The V<sup>IP</sup> Console may be ordered with a Harris-supplied computer to guarantee public-safety-grade operation or as a software kit for loading onto a laptop or CPU for onsite incident command vehicles or administrative use.

### SECURE COMMUNICATIONS

The V<sup>IP</sup> Console uses digital audio technology to provide end-to-end secure communications that are free from unauthorized access. Digital audio is encoded and decoded within the console application without analog audio being routed through the infrastructure. There is no compromise of security by using an external vocoding device. AMBE, Project 25 IMBE, and ADPCM (conventional) vocoders are supported. Additionally, the V<sup>IP</sup> Console supports the AES encryption standard.

## GENERAL SPECIFICATIONS

### System Requirements:

- PC Workstation or Laptop:  
Pentium® 4 class PC with two speakers, microphone, and headset
- Operating System:  
32-bit Windows® 7
- Sound Card:  
Sound Blaster® 5.1
- Network Interface:  
100 Mb

### Optional Hardware:

- External Speaker
- Footswitch (single)
- Dispatch-grade desk mic
- Dispatch-grade operator headset
- User Interface Adapter. One required per position when any of the optional user interface devices are used.

Technical specifications are subject to change without notice. Product sales are subject to applicable U.S. export control laws.

### About Harris Corporation

Harris Corporation is a leading technology innovator that creates mission-critical solutions that connect, inform and protect the world. The company's advanced technology provides information and insight to customers operating in demanding environments from ocean to orbit and everywhere in between. Harris has approximately \$8 billion in annual revenue and supports customers in 125 countries through four customer-focused business segments: Communication Systems, Space and Intelligence Systems, Electronic Systems, and Critical Networks.

## DISPATCH FEATURES

The V<sup>IP</sup> Console supports the following dispatch functions:

- Selected and unselected talkgroup monitoring
- Independent volume and mute controls for each monitored talkgroup
- Group and selective/individual calling display
- Caller alias display
- Emergency status
- Clear and create Patches and Simulselects
- Instantly replay calls in the Call History display via the built-in call check recorder

## SYSTEM INTERFACE REQUIREMENTS

The V<sup>IP</sup> Console is compatible with PR9x and SR10.x VIDA system releases.

The performance of the V<sup>IP</sup> Console relies on the PC and network on which it operates. For public safety dispatch, Harris strongly recommends that the console be used on a dedicated PC meeting the specified requirements and with a dedicated WAN/LAN connection that ensures the grade of service required by the public safety user it is serving. Performance cannot be guaranteed when used with other applications, customer-supplied computers, or with an unknown, heavily loaded, or congested network.

**PRODUCT PERFORMANCE NOTE: THE PERFORMANCE OF ANY HARRIS CONSOLE (V<sup>IP</sup> DISPATCH CONSOLE) WITH ANY THIRD-PARTY HARDWARE (INCLUDING COMPUTERS) OTHER THAN HARRIS RECOMMENDED OR APPROVED HARDWARE IS NOT GUARANTEED BY HARRIS CORPORATION NOR WILL HARRIS CORPORATION OFFER ANY SOFTWARE OR OTHER CORRECTIONS TO IMPROVE THE PERFORMANCE OF THE HARRIS CONSOLE WITH SUCH THIRD-PARTY HARDWARE.**

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