



MOTOTRBO™ *with* Scout™

TRUE IP WIRE-LINE CONNECTIVITY

TRUNKED
CONNECT PLUS
LINKED CAPACITY PLUS
CONVENTIONAL
IP SITE CONNECT



consoles you can count on



Scout with MOTOTRBO Connect Plus Linked Capacity Plus

With the emergence of next-generation Digital Mobile Radio (DMR) standards, customers can now deploy feature-rich, reliable communications systems more economically than ever. The Motorola MOTOTRBO Professional Digital Two-Way Radio System combined with the Avtec Scout console system offers a fully integrated solution for commercial environments. Avtec's Scout pure Voice over Internet Protocol (VoIP) dispatch console system uses a direct IP interface to connect with conventional (IP Site Connect), or multi-site trunked (Connect Plus and Linked Capacity Plus) MOTOTRBO systems. Wire-line connections provide a direct IP interface between the console system and the radio infrastructure, which avoids system radio frequency (RF) loading associated with wireless connections. Another key

advantage of wire-line is support for business-critical connection redundancy as well as scalability to hundreds of talk groups, all with a simple Ethernet connection.

Avtec is a leading provider of pure Internet Protocol (IP) consoles for business and mission-critical environments. There are thousands of Scout radio dispatch consoles in service and over 8,000 legacy Avtec consoles in operation worldwide. Scout is built on open standards and provides interfaces to numerous radio, telephony, CAD, and recording system partners to support both interoperability and customer choice. Avtec's systems are proven, trusted, and reliable, whether you need one console position or hundreds across multiple sites.

MOTOROLA APPLICATION DEVELOPMENT PARTNER

Delivering a solution to the marketplace is much more than having a protocol. Avtec is a member of the Motorola Application Developer Program (ADP) and the only top-tier console offered by the Motorola Solutions sales channel. To ensure compatibility, Motorola Solutions and Avtec each maintain test labs and conduct formal test plans on a regular basis with

each software release. Product roadmaps are coordinated and release dates aligned to deliver continued value to both new and existing customers. Cross-training is an ongoing process for support personnel from each organization. With Scout and MOTOTRBO, customers benefit from a true solution.



Scout with MOTOTRBO IP Site Connect

A PARTNERSHIP FOR BUSINESS-CRITICAL SOLUTIONS

MOTOTRBO CONNECT PLUS

In partnership with Motorola Solutions, Avtec developed a robust and full-featured wire-line interface between the Scout console system and the MOTOTRBO Connect Plus digital radio trunking system. This provides dispatchers a truly scalable, integrated,

communication platform based upon next generation Digital Mobile Radio standards that includes the ability to perform group and private calling, radio aliasing, call alerting and emergency notification.

MOTOTRBO LINKED CAPACITY PLUS

Avtec's Scout console system provides a wire-line connection to the MOTOTRBO Linked Capacity Plus (LCP) digital radio trunking system which connects adjoining sites across an IP network. Scout's Linked Capacity Plus interface provides dispatchers the ability to communicate via Wide Area Groups, Local Groups, and All Call connections. It also supports enhanced privacy, talker ANI (automatic number identification), inbound and out-

bound regular group calls, and inbound emergency calls.

Scout console positions connect to the Linked Capacity Plus radio system using Avtec's VPGate™ software application. To scale the connection to more Scout consoles, the Avtec Routing Controller™ is an interface that increases operational efficiency by scaling up to 100 talk groups.

IP SITE CONNECT

Avtec has also developed a wire-line interface for MOTOTRBO Conventional IP Site Connect repeaters. This solution provides a method for communicating across dispersed geographical locations or physical barriers

to extend the reach of a conventional two-way radio system. Customers have the flexibility of starting with a conventional system and upgrading later to Connect Plus, without changing out console systems.

KEY BENEFITS OF SCOUT CONSOLE SYSTEMS

Maximum Uptime

- 100% redundancy with automatic failover
- Redundant IP links to IP Site Connect, Linked Capacity Plus and Connect Plus radio systems

Worker Safety

- Listen to all sides of conversations
- Collaboration with peers and supervisors
- Monitor multiple panels simultaneously

Operational Efficiency

- Simultaneous support for multiple radio technologies
- Most flexible user interface (UI) of any console – it works your way
- Supports single site and multi-site configurations across wide areas using an IP network
- Minimal training
- Maintains standard operating procedures and dispatch center workflows



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Avtec, Inc. provides pure Internet Protocol (IP) dispatch console solutions for the transportation, public safety, utility, business, and government markets. For more than 30 years, customers have chosen Avtec's award-winning technology for their mission-critical dispatch centers. There are thousands of Scout™ Voice over Internet protocol (VoIP) consoles installed worldwide.



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