The Mult-IP mobile VPN (MVPN) solution leverages patented compression technology and optimized communication protocols to improve the effective throughput of ASTRO P25 (IV&D and HPD networks).
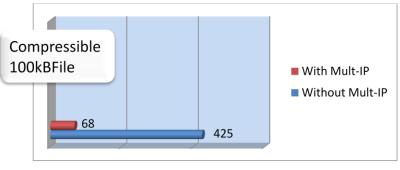
Mult-IP accelerates response time for mobile applications such as CAD or RMS, providing field personnel the ability to easily and securely access and report real-time customer data anywhere, anytime.

➡ Seamless, uninterrupted roaming across any wireless network

➡ Secure connectivity to headquarters from any mobile device (laptop, tablets, etc.)

➡ Real-time scheduling updates

➡ Retrieve mission-critical information

➡ Send and receive email

➡ Access the Internet or company Intranet

Optimizing Applications over Motorola' ASTRO P25 (IV&D and HPD networks)

Leveraging patented socket-compression technology, Mult-IP reduces header overhead and removes the "chattiness" associated with TCP/IP to significantly condense packet sizes and accelerate transmission times. As demonstrated in the chart, Mult-IP's advanced data compression can drastically improve data transfer times of certain files over Motorola' ASTRO P25 (IV&D and HPD networks).

Mult-IP's unique algorithm is able to improve the throughput and efficiency of the wireless pipe by compressing all data and optimizing the use of the communications socket. The Mult-IP system sends out fewer packets and improves the time it takes to send and receive data.

Compressible 100kBFile

■ With Mult-IP
■ Without Mult-IP

68

425

Transfer time in seconds

Mult-IP not only provides basic VPN benefits like 256 AES encryption, persistence, network roaming and application steering, it does all of this while improving the performance of applications over ASTRO P25 (IV&D and HPD networks).