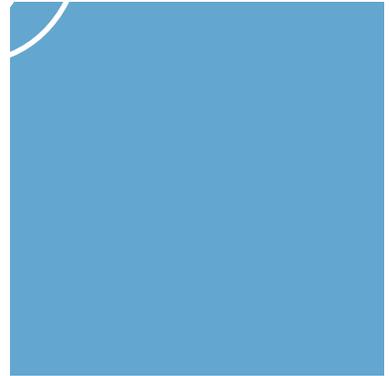# Strengthening the Community Link:

Interoperable. Secure. Standards Based.

P25

PR1500 Professional Series Two-Way Radio

Linking Communities with Project 25 Capability

MOTOROLA PR1500

Communities Linked For Homeland Security

Wireless communication serves as the lifeblood of community security and responsiveness. But what happens when a fire department needs a back-up battalion from the next town as well as an emergency response team from another county? They all have radios, but they can't always communicate due to incompatibility.

The technology that links a community shouldn't stop at the community's border.

Project 25 (P25) sets the standard for mission critical communications for the safety and security of communities around the world. In emergency situations, P25 users can easily communicate with other agencies and response teams, share vital information, and coordinate life-saving response efforts.

Now there's a two-way radio solution that can migrate easily to P25 Conventional operation for interoperability.

P25

did you know:

Project 25 (P25) is a user-driven standard for interoperability. It was developed for public safety officials by public safety officials and provides the basis for interoperable digital radio voice and data communication.

PR1500

PR1500 Features

32 Channels

Large Raised Channel and On/Off Volume Knobs

Programmable 3 Position Concentric Switch

Programmable Emergency Button

Sealed Accessory Connector

Enhanced Audio Features

Adjustable Power Levels

Priority/Dynamic Priority Channel Scan

Monitor/Permanent Monitor

3 Programmable Side Buttons and Large Textured Push-To-Talk Button

P25 Conventional Upgradeable

PR1500: A bridge to P25 interoperability

Today, a wireless network must serve two communities: one of day-to-day hometown needs and the broader community ready to collaborate in case of severe emergencies.

The Motorola PR1500 spans the needs of both communities with enhanced technology and advanced user features. In addition, the PR1500 is P25 Conventional Upgradeable via software download, able to interact with other networks in times of crisis.

Thanks to this capability, communities purchasing new PR1500 radios can apply for and use Homeland Security funding grants.

In case of emergency, outside response teams arrive on the scene linked to local departments to exchange information and coordinate efforts.

A commitment to security

Many communities have taken steps to dramatically upgrade their communication infrastructure in order to meet these new standards.

With the PR1500, a single software upgrade makes this radio P25 interoperable and eligible for Homeland Security dollars.

It allows communities to transfer at their own pace and use their budget resources wisely to serve all aspects of public service and safety. Valuable resources can be shared between neighboring communities, improving response time and overall security.

The P25 upgrade software will be available mid-2006. But because the PR1500 has been designated P25 Conventional Upgradeable, public safety network operators can apply for federal funding when they purchase the PR1500.

For more information on P25, we recommend you review these websites:

www.project25.org
www.dhs.gov
www.fema.gov
www.firegrantsupport.com

Frequently Asked Questions about P25

What is P25?

The P25 standard was created by and for public safety and federal communications professionals to enable standards-based two-way wireless communications so that all parties can interoperate.

What is the future of P25?

Additional elements of P25 are under consideration. Phase 2 will probably focus on: (1) additional air interface specifications to provide further narrow banding operation, (2) further work on the interface standards including system, digital console and fixed station, and (3) other standardizations, i.e. data and over-air programming.

Should I wait to purchase P25 equipment until everything is completed?

Since interoperability and migration/backward compatibility are key tenets of P25, there is no practical reason for agencies to wait to take advantage of currently available P25 technology.

What agencies have adopted P25?

An ever-increasing list of agencies and associations have adopted Project 25. This suite of standards – targeted specifically at the mission critical requirements of the public safety sector – has been endorsed by multiple public safety organizations and federal government agencies.

How and when can I apply for Homeland Security Grant Funding?

We suggest network operators log on to the Homeland Security website (www.dhs.gov). Go to the First Responders section, then click on Grants to get more information.