

# P25 Capabilities on a standard IP network over a distributed architecture.



Simultaneous Events. Multiple Agencies. Coordinated Incident Management.



Seamless communications from the ambulance to the ER.



Enabling campus security to stay connected and aware.



Keeping you connected no matter where you are.



Supplying networked communications for the battlefield or for the homeland.



Providing reliable communications when security matters most.

## Fast. Flexible. Affordable.

When it comes to radio systems, compromise is not an option. P25net, the advanced IP networked radio system, provides full P25 capabilities on a robust standard IP network platform over a distributed architecture. P25net is fully compatible with all P25 radios and offers a standard ISSI interface to other manufacturer's P25 radio systems. While some companies offer only a proprietary solution requiring a major equipment upgrade, Raytheon provides a complete P25 digital radio system with everything you need to seamlessly connect with other radios.

The P25net enables interoperable communications between disparate P25 and non-P25 radio networks using technology to join radio networks. As customers deploy radio systems supporting the P25 ISSI, Raytheon's P25net will allow public safety organizations to communicate seamlessly with legacy radio systems on other frequencies and using other technologies. Raytheon's P25net enables each system owner to maintain control of which resources and capabilities to share across systems, while at the same time bridging legacy radio systems resources into the P25 world via the P25 ISSI.

### P25net

Raytheon's P25net system was developed with interoperability at its core, from our standard ISSI and CAI to our all IP network, customers can take advantage of wide area calling and the use of any manufacturer's subscriber equipment.

The system is also affordable; its open architecture allows agencies to choose from a wide range of subscriber units from multiple vendors to maximize their investment. The

system's composite channel feature further maximizes the customer's investment by reducing channel capacity required for remote locations. Furthermore, P25net eases the migration to P25 by enabling first responders to migrate their channels incrementally to better manage their budgets.

P25net meets the requirements for interoperability grant funding, an added benefit to agencies who could otherwise not afford the system.

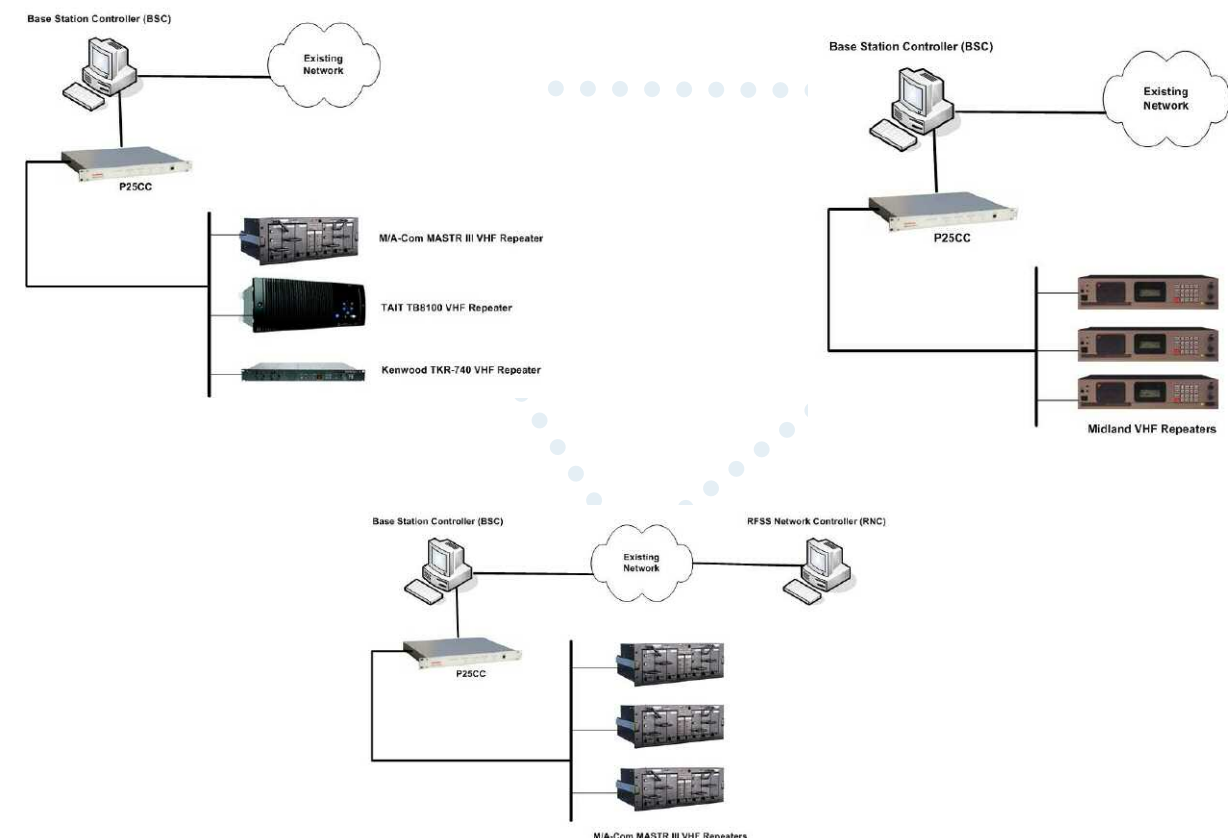
### P25net Benefits:

- APCO P25 compliant
- Interoperable with mobiles/portables from all major manufacturers
- Conventional and Trunked Solutions
- Seamless Interoperability
- Cost Savings
- Flexible deployment to meet your schedule and budget

## The Most Effective Solution in Interoperability

Using P25net, public safety agencies can benefit from a seamless, cost effective APCO P25 radio system without compromise. With the addition of the base station controller and RFSS network controller, the possibility of wide area calls and communications with any ISSI-enabled P25 system is obtainable regardless of operating frequency.

In addition, achieving interoperability with legacy systems has never been easier through our channel mapping. Channel mapping enables users on legacy conventional systems to be mapped directly to P25net analog or digital trunked radio talk groups ensuring reliable and efficient command and control.





## P25net IP Network-Based Radio System

All the P25 features and radios. One all-IP network.

**APOGEE**  
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