

ASTRO[®] 25 HPD Dedicated Data Solution

Help first responders work faster, safer and smarter.





Your wireless data network should work as if lives depend on it—because they do.

Private wide area data networks enable public safety agencies to access critical information for enhanced efficiency, safety and situational awareness throughout your jurisdiction.

Choose the right approach to a dedicated data network

Using mobile data to its full potential requires a comprehensive data network—one that serves every user in every location and has the flexibility to grow with your organization as new applications are added.

Leverage your current ASTRO®25 voice network

With an existing ASTRO 25 voice or integrated voice and data system, an HPD system can easily share the ASTRO 25 core, providing the benefits of enhanced data applications with minimal additional investment. The HPD overlay system reuses existing ASTRO 25 sites, providing the same coverage area.

Build an HPD dedicated data network first

The ASTRO 25 HPD network is a wide area data, IP-based network that provides public safety officers access to critical information for improved decision making. Build an ASTRO 25 HPD network first and then add Project 25 voice or integrated voice and data capability for an integrated mission critical solution.

One network to manage

A Motorola ASTRO 25 network can support HPD dedicated data in addition to a mission critical voice. With ASTRO 25 you have one network to build, maintain, and administer. One network so your infrastructure dollars do double duty. One network for both voice and dedicated data that works today and continues to adapt in the future. One network that you control so you know your people will have the tools they need to get the job done under difficult and dangerous conditions.

Gain the ASTRO 25 advantage for data

The same features that are so important for ASTRO 25 voice network also yield important benefits for your data applications.

- True mission critical design with resiliency, survivability, and recoverability you expect when lives and property are on the line.
- Wide area coverage extending data service across the system's entire geographic footprint.
- System site re-use so that no additional "filler" sites are required to provide data coverage throughout your voice service area, minimizing your deployment costs and ongoing site maintenance costs.
- Expandability and scalability to fit your department's current and future users, applications and traffic volume.
- IP compatibility for smooth integration with software, user devices, and other networks that use the Internet Protocol standard.
- Migrate existing DataTAC™ applications to the HPD network using Radio IP middleware.

Critical availability for public safety

Mobile data has a positive impact during normal operations. But the stakes are even higher when there's an emergency. Unfortunately, that's when commercial networks historically are prone to overload because they lack the excess capacity to handle high call volumes. Your first responders need a data solution that is rugged, reliable, and easy to use in a demanding environment. HPD is a wide area solution that is built for the needs of public safety with resiliency and capacity for emergency operations.

Integrated connectivity

Mobile officers can have access to communications regardless of their location using the Radio IP mobile VPN over multiple networks. In addition Radio IP allows DataTAC applications to work over the HPD network.

A powerful system becomes more powerful

The power of the data network are the data applications that provide the information needed to help personnel make better, more informed decisions on the spot. Motorola can help you select and deploy applications built by Motorola or by third party suppliers that will make a difference in your organization.

Stay in control

When you're serious about using data for public safety you need to rely on a network that has been built for your teams and only your teams. An ASTRO 25 HPD network is designed:

- For disaster and survivability, with rugged and resilient components to keep working under extreme conditions.
- To provide geographic coverage according to your specifications.
- For economies of scale as your department continues adding users and applications in the years to come.
- For the degree of network security required by critical public safety databases like NCIC in order to allow access.

Mobility Applications

Messaging

Send and receive text messaging or email while in the field to enhance critical operations.

Location

GPS location allows public safety agencies to effectively deploy officers and keep them safe in the field.

Browser Access

Access the intranet or internet in-vehicle to provide vital information for improved decision making.

Computer Aided Dispatch (CAD)

Improve situational intelligence and real-time decision making by providing concise information such as alerts, photos, and files to the officer.

Field Reporting

Complete routine reports, electronic traffic tickets while out in the community, minimizing the amount of time an officer needs to spend in the station house.

Mobile Identification

Gather critical information such as photos, fingerprints, vehicle & license plate records, warrants and other data to swiftly ID potential suspects.

Maximize your mobile data results

Motorola provides ruggedized notebooks, workstations and handhelds that make it easy for users to access and share information. Every detail—from readable displays to large buttons a firefighter can push while wearing heavy gloves—is built to work under the extreme conditions first responders face on their most challenging days.

With ASTRO 25 data solutions, your organization can count on accessing vital information anywhere, anytime on a network that works as hard as they do.



MOTOA⁴[™]

Technology that's second nature[™]

Making mobile data work for your organization is easier when you partner with a company who understands the special challenges of public safety. For over 80 years, Motorola has been a leader in helping governments apply the latest technologies for protecting their communities in a dangerous world.

Motorola's MOTOA4 portfolio of mission critical technologies enables agencies to confidently take the next step forward in their voice and data communications. MOTOA4 solutions are fully integrated, allowing customers to start with any solution and gradually build upon it to introduce new capabilities and adapt to their ever-changing needs.

To learn more about Motorola's full range of ASTRO 25 solutions and services, and how they can help you take full advantage of robust data applications to boost situational awareness and streamline procedures, please visit our website: www.motorola.com/ASTRO25 or contact your Motorola representative.



motorola.com/ASTRO25



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Motorola, Inc. 1301 E. Algonquin Road, Schaumburg, Illinois 60196 U.S.A. www.motorola.com/governmentandenterprise 1-800-367-2346

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