



*ASTRO 25 Technology with High Performance Data*  
*MORE PRODUCTIVITY WITHIN AN OPTIMIZED SPECTRUM*

# HIGH-SPE

*ASTRO 25 TECHNOLOGY WITH HIGH PERFORMANCE DATA MOVES COMMUNICATIONS WHERE YOU WANT THEM TO BE*



*Introducing an innovative new wireless system that delivers rapid mobile intelligence with greater speed and more efficient spectrum use.*

Motorola ASTRO 25 Technology with High Performance Data is the first wireless data system to deliver 96 kbps of data in the current private radio frequency band. In fact, it operates in both 700 MHz and 800 MHz spectrum. What's more, Motorola's new wireless system uses the standard 25 kHz channel allocations with a mobile coverage footprint similar to 800 MHz voice systems.

***The right information at the right time would have saved 3 officers' lives in one incident alone.***

Everett Rice  
Sheriff  
Pinellas County, Florida



## **ASTRO 25 TECHNOLOGY**

- Voice
- Integrated Voice and Data
- High Performance Data

***DELIVERS THE RIGHT DATA,  
RIGHT WHERE YOU NEED IT***

**ASTRO 25 Technology with High Performance Data** is designed to meet the special needs of private data networks to bring rapid intelligence to decisions in the field. These concepts received extensive field testing among public safety professionals in Pinellas County, Florida.

Now Motorola takes mobile data further— with an exciting new concept and a mission-critical system whose performance exceeds any wireless wide-area technology. Equally important, this wireless data system is designed to offer a solid migration path to even higher speed technology when 700 MHz wideband spectrum becomes available.

***EXTEND INFORMATION FROM ANY  
OFFICE, ANYWHERE IN THE FIELD***

**ASTRO 25 Technology with High Performance Data** speeds wide-area, mobile data communications seamlessly. Plus, it delivers a larger number of applications to an even larger user community. Now many applications from your desktop computer world can be accessed wirelessly in the field. The result? Leading edge technology that extends your IT infrastructure to share critical information where you need it most.

***ENHANCE EFFICIENCY AND PRODUCTIVITY  
WHILE INCREASING "SITUATIONAL AWARENESS"***

**ASTRO 25 Technology with High Performance Data** creates a "virtual office" for mobile workers, by delivering text, data and images instantly. Users can perform a wider range of critical tasks and draw on a wider array of resources, either from current or future applications.

From blueprints to fingerprints, the system speeds a wealth of real-time information, right where it's needed, to enhance efficiency and situational awareness. In fact, **ASTRO 25 Technology with High Performance Data** supports a complete suite of applications, including CAD, GIS, and Motorola Public Safety software, such as Premier™ MDC.

***LAW ENFORCEMENT RELIES  
ON IT FOR:***

- Incident management
- Emergency preparedness assessment
- Report writing
- Broadcast Message (BOLO) with digital photograph attached
- Fingerprinting, tip sheets, mugshots
- Data warehouse access
- Integration of location-based technologies
- Spatial presentation of information with existing applications

***FIREFIIGHTERS  
DEPEND ON IT FOR:***

- Access to Geographical Information Systems (GIS)
- Building plans and blueprints
- Equipment status
- Hydrant location status
- Hazardous material information

***UTILITIES TURN  
TO IT FOR:***

- Work order dispatch
- Trouble call management
- Customer information system access
- Automatic Vehicle Location (AVL)



*EXTEND YOUR  
REACH, EASILY  
AND AFFORDABLY*

Motorola ASTRO 25 Technology with High Performance Data enhances your realm of information, leveraging your existing software applications and extending the reach of your Intranet and Internet to mobile workers.

Start with mobile modems for a variety of user interfaces. Optimize your connectivity to Motorola ASTRO 25 Technology networks. And look for enhancements in the future.

You can be assured of a smooth, seamless path to protect and build on your current communications investment. Best of all, ASTRO 25 Technology with High Performance Data provides a valuable foundation to move to even faster wideband data services, such as digital video, in the coming years.

*Where do you want to be?*

*What applications do you want to see?*

*How do you want to use them?*

***Motorola's high-speed data migration path  
allows us to add the capabilities we need,  
where and when we need them.***

Pam Montanari  
Radio Systems Manager  
Pinellas County, Florida



**MOTOROLA**

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