

# DMP<sup>®</sup>

## DATARADIO MULTIPLEX PROTOCOL APPLICATION INTERFACE

Application software determines a mobile data solution's effectiveness. DMP<sup>®</sup> is the key to the largest base of application software in the industry. More application software packages support DMP than any other standard in the business. Thanks to the DMP software interface, Dataradio is the number one choice for mobile computing systems.

### FEATURES

- Provides end-to-end message integrity
- One port addresses entire fleet of mobiles
- Manages host-to-tower link
- Permits more efficient use of the radio network
- Consistent application interface independent of the radio network
- Broad base of software applications support DMP

### WHY DO I NEED DMP?

Application software needs an efficient and sound method to send information to and from vehicles. How does the software know when a mobile is not available on the network? How does it address a specific mobile or group of mobiles? These questions are among the most fundamental in a mobile computing environment. The answer is an Interface Protocol—DMP. Developed as a result of a cooperative effort with the leading application developers in North America, DMP supplies the interaction between the mobile data system and application software.

### WHAT DOES DMP DO?

DMP offers many useful features, but its prime function is to get information to where it is going and confirm that it has been accurately received. DMP is the way the radio network responds to application software to tell it that a message has or has not been received. DMP can even tell the host computer that the mobile computer is not connected to the radio system.

### WHO SUPPORTS DMP?

DMP enjoys the widest support of all communications protocols in the mobile computing industry. Many off-the-shelf application software packages feature "DMP Inside". As a result, system integrators and end-users who specify Dataradio products in their mobile computing

systems can pick from the largest number of application software packages available. System integrators, in particular, appreciate being able to match customer requirements with existing and proven software. Because DMP is radio network independent, more and more application developers are joining the DMP fraternity. DMP allows them access to the rapidly growing opportunities in the mobile computing industry.

### IS DMP EXPENSIVE?

No. DMP is built into every single Dataradio mobile data product. Software companies only pay a token one-time fee to license the protocol for use with Dataradio products. By having "DMP Inside," the hardware and the software pays off for end users and application software authors.

### WILL DMP SUPPORT MY SYSTEM AS IT GROWS?

DMP is constantly being improved, and new features are added to anticipate and respond to the changing requirements of the rapidly expanding mobile data market. More importantly, DMP isolates your software from the kind of radio network you use. This means that DMP is a constant; it works regardless of what type of radio system and equipment you use. If you can imagine the application, you can do it with DMP.

### SYSTEM DIAGRAM

