

City CarShare

Real-time Access to a Fleet of Vehicles

City CarShare is a Bay Area nonprofit on a mission to provide convenient, affordable access to cars in order to reduce individual car ownership and improve the environment and quality of life. City CarShare strives to make their service so convenient, reliable, and affordable that people will prefer using their cars to owning one of their own. In doing so, their members are helping to reduce traffic, parking problems, and dependence on oil, while promoting cleaner air, quieter streets, and more open space.

Using a Multi-Tech MultiModem® GPRS wireless modem, and a unique dialing plan with T-mobile, City CarShare was able to retrofit their existing in-vehicle hardware to provide real-time access to their fleet of vehicles. Since most car-sharing reservations are between one and six hours, and since cars are dispersed throughout the city rather than in a central location, it's critical for City CarShare that the cars work in a highly-automated, self-service manner.

"We'd initially debated adding a GSM chip to our circuit board layout," explains Brian Kusler, Technology Director at City CarShare. "But, we didn't want the hassle and expense of going through the carrier and FCC approval. So, we looked for an approved external device that was rugged and field tested," said Kusler.

The MultiModem GPRS wireless modem offers standards-based multi-band GSM/GPRS Class 10 performance. This ready-to-deploy, carrier approved, modem provides wireless data communication and integrates seamlessly with virtually any application. It is available with a broad range of interface options including RS-232, USB, Bluetooth® and Ethernet, as well as, GPS capabilities to cover all your application needs.

"We also needed a modem with extremely low power demands, variable baud rates, and automated reset capabilities," said Kusler. "We found all of the above in the MultiModem GPRS wireless modem."



MultiModem GPRS

- GPRS Class 10
- Packet-switched data rates up to 85.6K bps
- RS-232, USB, Bluetooth and Ethernet interfaces
- Desktop or panel mounting
- Carrier approved

City CarShare, launched in 2001, is the largest nonprofit car-

sharing service in the U.S.,

serving over 5,000 members

with 125 vehicles at

locations throughout the

San Francisco Bay Area. Car

sharing promotes a healthy

urban environment by providing

an alternative to traditional car

ownership. City CarShare is a leading

developer of carsharing technology and

provides innovations to carsharing

organizations

across the

globe.



For more information contact:

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