

Canadian Hydrogen Energy Company Cellular Wireless Connection Six Times Faster Than Satellite Technology

Increasingly stringent emissions regulations are changing the world. With about 15.5 million commercial vehicles in North America alone, a number of businesses are looking for ways to protect their investments, as well as, lower their operating costs. Canadian Hydrogen Energy Company (CHEC) provides an answer with their hydrogen fuel injection systems. Included with most systems, is a Multi-Tech MultiModem® wireless modem, providing CHEC with real time access to the installed units.

The CHEC HFI hydrogen fuel injection system reduces emissions and improves engine efficiency, reducing fuel consumption while producing more power. The patented technology produces hydrogen on demand, through electrolysis, and injects it into the engines air intake. This results in a cooler burn and a more complete combustion of gases, substantially reducing harmful emissions, improving fuel efficiency by 10% plus, and increasing power and torque. Installed on over 150 fleets, trucks, buses, ambulances and light trucks, as well as on diesel generators, the products have 60 million miles of testing and applied use.

In order to keep track of unit performance, manage system diagnostics, and in the near future relay GPS positioning, each HFI System includes a MultiModem® GPRS wireless modem. Utilizing the cellular network, the unit communicates data, real-time to and from the corporate office over the Internet. This allows the technicians to manipulate various parameters within the units and see the results immediately.

"We used to utilize satellite technology for our remote unit communication," explains Chad Reid, Technical Representative at CHEC. "The problem was the data communication rate was too slow. The MultiModem GPRS wireless modem provides us with six times the speed performance at a fraction of the cost."

Currently, CHEC is one of the leading companies in the hydrogen-injection market and is actively manufacturing and distributing in the heavy goods, bus, emergency vehicle and other markets.

MultiModem GPRS

- GPRS Class 10
- Packet data up to 85.6K bps
- Universal Socket Connectivity
- Carrier approved

Canadian Hydrogen Energy Company produces the Hydrogen Fuel Injection System that works with any internal combustion

engine. CHEC has compiled over 60 million miles of on road use documentation from the Heavy Goods Vehicle industry. This technology is applicable to stationery generators, marine vessels, locomotives, boilers, buses, ambulances, EMS vehicles, cars and 18 wheelers.

For more information contact:

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