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EMERGENCY VEHICLES ON AND OFF THE WATER CHOOSE TO RETROFIT WITH SMARTPLUG

After years of experiencing burned plugs from the old twist-lock system, a number of emergency response agencies across the country have converted to the SmartPlug. The SmartPlug provides a safer, more cost-effective solution for power delivery on emergency vessels and vehicles. Judging by the growing number of departments that are converting to the new system, people who are responsible for saving lives agree.

The growing list of departments using SmartPlug includes the Southern Marin Fire Protection District in Sausalito, California, the Anderson Island Fire-Rescue in Pierce County, Washington, and the Miami-Dade County Fire Rescue Department who retrofitted both its 27' & 36' boats. A prominent ambulance company in Virginia retrofitted its entire emergency vehicle fleet in early 2010 and the Antioch Rescue Squad in Illinois began preliminary conversions in March. When the 50 Amp line rolls out later this year, the Seattle Harbor Patrol has indicated that it will retrofit its entire fleet.

Emergency vehicles must perform in adverse conditions and under strict performance requirements. With many sophisticated onboard systems in place, power delivery becomes critical to the success of any emergency response. First responders who have converted to the

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SmartPlug can be confident that their fleet has a more reliable shore power system.

The SmartPlug inlet and connector were designed to address the multiple points of failure with the old, twist lock system. Loose connections are addressed by a Sleeved Design and Multi-Point Locking System, which take all the physical stress off the pins while securely fastening the plug to the inlet. The unique asymmetrical shape makes it easy to orient the inlet and connector with no chance of misalignment. Pin contact area is increased by more than 20 times and protected behind three weatherproof seals for a dry and corrosion-free connection. Finally, an integrated trip thermostat cuts power at the first sign of overheating.

Utilizing the same footprint of the twist-lock system makes retrofitting with the SmartPlug easy. Those interested in making a change to the new system should contact SmartPlug Systems for more information.

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