



ELECTRONIA



DISASTER RECOVERY VEHICLES

*M*obility is an essential requirement in the need to effectively respond to disasters of any nature, anywhere in the world.

Electronia's disaster recovery vehicles, apart from being exceedingly mobile, also packs in an array of state-of-the-art information technology, communications gadgetry, and medical equipments featuring such capabilities as:

Features:

- Fast Response
- Fully Equipped Alarm and communication System
- Safety And Security Equipment
- Integrated communication and mobile clinic Services
- Emergency Contact facility for Police, Traffic, Civil Defense, Electricity, Red Crescent etc.
- Disaster recovery units
- Automatic Vehicle Location through GPS capabilities
- Tele-medicine: Rapid Deployment of Medical Services as and when required
- Centralized Information System
- Value added services
- Online services

The mobile vehicles are guaranteed to use a robust and extensive set of the latest telecommunication technologies, including:

- Wi-Fi - Wi-Max
- RF Mobile Radios
- Microwave
- VSAT

In contrast to the consumer user network solutions, the capabilities of the new generation VSAT system ensure enterprise customers are receiving the reliable and efficient services that are required. It offers outstanding characteristics that are just right for disaster relief work:

- Provide throughput efficiency along with the direct IP-based interface that transparently connects the enterprise networks
- Support network topology flexibility, variable rates, and agile multi-frequency TDMA operation
- Build a wide-range communication base for all of its users to dynamically share
- Are Transparent for the enterprise user, acting as a gateway between the user's LAN and the wide-range satellite TDMA network

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The mobile vehicles were conceived with effective compact medical capabilities in mind. To achieve this goal, the vehicles are loaded with detailed medical equipments like:

- Fixing unit for the Stretcher
- Solution Stand
- Foldable Wheel Chair
- Hand or foot operated suction unit
- Battery operated suction unit
- Oxygen tank
- Resuscitator Unit
- Heart beat monitor
- X-ray equipment
- ECG equipment
- BP monitoring System

Using the installed communication system, the physician, located at the hospitals, could give instructions to the registered nurses, laboratory and radiology technicians in the mobile vehicles and see patients as well. Persons at the mobile center could also converse with the physician at the hospital.

Mobile Information Services

Medical Information systems provide hospitals and Mobile clinics with the tools they need to manage their growing volume of information while establishing a valuable database. Specialized mobile vehicles systems include the hardware and peripherals for medical applications, and the appropriate software and network interfaces required for an effective medical information management system.

- Services supported are typical enterprise applications served via LAN, WAN and internet:
- Video Conferencing
- Tele-Medicine: Tele-Healthcare, Tele-consultation, Tele-Clinic Sessions, Telementoring, Teleconferencing, Mobile Rural Tele-Consultation
- Electronic data distribution: IP Multi casting
- Data Networking
- Telecommunication
- Advance Electronic Medical Services
- Disaster Recovery and Tactical Mobile/Transportable System



Mobile medical units vital to disaster response and recovery



e-map, Automatic Vehicle Location System



Image transfer system