

EVOLUTION IP



Evolution represents *the next step* in news gathering – using new COFDM and compact satellite systems while reducing both acquisition and maintenance costs. Evolution IP streamlines ENG workflow with a centralized operations kiosk in a compact, agile vehicle. Besides expanding news coverage and reducing costs, Evolution is environmentally friendly when configured on the FlexFuel Chevy Tahoe.

- **Compact, Agile Vehicle** provides rapid response to breaking news stories.
- **Under Hood Generator** reduces noise, maintenance costs and operational costs.
- **Streamlined Configuration** provides more news coverage at a lower price point.
- **COFDM Microwave System** reduces height, weight, and maintenance costs.
- **IP-based Uplink System** provides video, IP, and VOIP.
- **Centralized Operations Kiosk** reduces live shot set-up time.
- **Eagle Eye HD Camera System** captures breaking news on-the-scene or in-transit.
- **FlexFuel Chevy Tahoe** (optional) reduces fuel costs and environmental impacts.
- **Auto Acquisition Satellite System** simplifies satellite locating with a single button.
- **Single Hop on Demand Satellite System** reduces operation cost.



TELEVISION ENGINEERING CORPORATION
2647 Rock Hill Industrial Court
St. Louis, MO 63144
314.961.2800 Phone
314.961.2808 Fax
www.tvengineering.com
www.broadcastequipment.com



The Vehicle

- ▶ Chevy Tahoe 5.3L V8
- ▶ Intelligent 4WD System
- ▶ 116" Wheel Base
- ▶ Tilt Steering/Cruise Control
- ▶ Auto Locks/Windows
- ▶ Captain's seating

Evolution is environmentally friendly when configured on the FlexFuel Chevy Tahoe 5.3L V8.



Under Hood Generator provides more storage space and less noise.

The Power Plan

- ▶ AC Shore Power with 25' Cord
- ▶ Under Hood Generator System

News Gathering Features

- ▶ IFB Controller
- ▶ COFDM Microwave Transmitter Package
- ▶ Audio/Video Connector Panel
- ▶ Off-Air UHF/VHF Antenna
- ▶ Audio/Video Monitoring Equipment
- ▶ Fire wire editing interface
- ▶ 1.0 meter antenna with BUC



Eagle Eye camera system can overcome obstacles to provide instant and wide shot during set-up.



The Vehicle Safety Interface prevents the news truck from being moved while the dish is extended.

Safety Features

- ▶ Solid State Antenna-Ignition Interlock Logic
- ▶ Precision Weight Balance Distribution
- ▶ Slip-Resistant Step wells
- ▶ Operations/Safety/Maintenance Manual
- ▶ OSHA-compliant

Options

- ▶ Eagle Eye Camera System (16x ZOOM)
- ▶ HD Eagle Eye Camera System (18x ZOOM)
- ▶ Wireless IFB Package
- ▶ Cell Phone Package
- ▶ Mobile Threat Net®-Wireless, fully mobile storm tracking system ENG truck crews can take with them wherever they go
- ▶ Pioneer Dash-Mounted GPS touch screen navigation system w/video integration
- ▶ Garmin Dash-Mounted GPS touch screen navigation system



TELEVISION ENGINEERING CORPORATION

2647 Rock Hill Industrial Court
St. Louis, MO 63144
314.961.2800 Phone
314.961.2808 Fax

www.tvengineering.com
www.broadcastequipment.com

E V O L U T I O N I P