

Mobile Solutions Center from GE

GE has launched a nationwide tour of its new state-of-the-art Mobile Solutions Center. Professionals from GE's Trailer Fleet Services business (formerly known as TIP), will use the custom 53-foot drop deck unit to educate the trucking industry about the specific GE products, services, technology and research focused on transportation and cargo management.

Mobile Solutions Center Features

VeriWise™ Asset Intelligence

The new Mobile Solutions Center from GE is itself equipped with VeriWise™ Asset Intelligence technology and systems. Current VeriWise capabilities and system configurations can be demonstrated in a comfortable setting along with anticipated new product and sensor functionality. The Mobile Solutions Center also will be used to describe the applied telematics research underway at the GE Global Research Center in upstate New York. This research will be the foundation for next generation asset intelligence systems, including analytical tools to manage the data flow that is produced by these new integrated systems.

The unit is designed not only as a customer and prospect education center, but also as a special events hospitality venue. Using three flat panel displays at the center of the new unit, GE professionals can demonstrate detailed functionality of VeriWise via a live connection to the VeriWise Website.

Multiple trailer tracking simulations can be run for customers, including VeriWise set-up scenarios, to demonstrate how the technology is used on a daily basis to address the current challenges of trailer fleet management. ORBCOMM satellite coverage simulations demonstrate full North American coverage on another flat panel display, while a third provides numerous video presentations about the roles of GE Research and GE Equipment Services in the transportation industry.

On-Site Training and State-of-the-Art Presentation Tools

The new unit features a spacious floor plan with three activity areas. In addition to the training and conference section, the main presentation foyer houses the three 42' flat panel displays on a 20'x3' slide-out extension that adds space and depth along the curbside wall. The main presentation foyer provides custom couch and armchair seating for six and can accommodate an additional ten people standing. A conversation and lounge area is designed into the front portion of the unit for additional meetings and interaction.



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Telematics Research for the Trucking Industry

The unit also demonstrates future technology, such as RFID integration, using an exhibit from the GE Global Research Center (GRC). This will be changed each quarter to feature new telematics application developments being worked on for the trucking industry. GE will invite GRC scientists to speak at selected stops along the 2005 Mobile Solutions Center national tour to offer updates on technology that will provide next generation asset tracking and monitoring systems to the trucking industry.

The nerve center of the Mobile Solutions Center is contained at the front of the unit, and features a complete VeriWise installation as well as satellite dish for Internet connectivity, multiple computers, and an audio and video command center that powers all flat panel and video projection throughout the unit. Powered by a 35,000 kilowatt diesel generator, the unit is heated and cooled with an 18,000 BTU heating and cooling unit. In addition a Freightliner Columbia tractor provided by Penske Truck Leasing, a GE company, is hauling the trailer.



What's on the outside...

- > **Trailer manufacturer/year:** 2004 Kentucky drop deck
- > **Customized by:** High Tech Performance Trailers, Painesville, Ohio
- > **Trailer:** 53 ft long, 8 ft wide (11 ft when slide out extended), 13 ft 6 in tall; smooth sided, rivetless aluminum skin
- > **Slide out:** 20 ft long, 3 ft deep
- > **Wheels:** Polished aluminum wheels with polished stainless hub covers and lug nut covers
- > **Awning:** 50 ft long, 21 ft wide
- > **Access:** Dual entrances
- > **Tractor:** 2004 Freightliner Columbia, tandem axle, sleeper cab Supplied by Penske Truck Leasing

What's on the inside...

- > **Equipment:** VeriWise™ Asset Intelligence by GE, IBM computers, View Sonic plasma monitors, Harmon Kardon stereo system, DataStorm satellite system, Microwave by GE, refrigerator, Sony projector, Direct TV, GE Security system
- > **Furniture:** Two sofas, three upholstered chairs; conference/training tables and 8 chairs
- > **Power sources:** 65-gallon diesel generator; 220 volt and 110 volt landlines
- > **Computer system:** Three laptops connected to Ether net hub; 12 connections throughout trailer
- > **Heating/Air Conditioning:** Bard
- > **Lighting:** 32 recessed, halogen lights on dimmer switches