

ARCO-TRAC[®]

System Overview

The ARCO-TRAC[®] Automatic Vehicle Location System is a wireless data communications system that provides an interactive vehicle tracking system, monitored 24 hours a day that provides unparalleled safety and convenience. The system integrates GPS technology and cellular (both AMPS and GSM) or satellite communication (Orbcomm-available in '99) technologies to deliver one solution.

GPS

GPS satellites provide the exact location, speed, and bearing of the vehicle or mobile asset.

Cellular System

The ARCO-TRAC[®] Cellular System uses terrestrial wireless technology for communications and data transfer. In this system, the cellular network is used to transmit the GPS information along with any other status being monitored, back to the ARCO-TRAC[®] Control Center for data

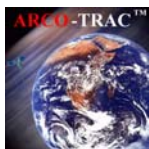
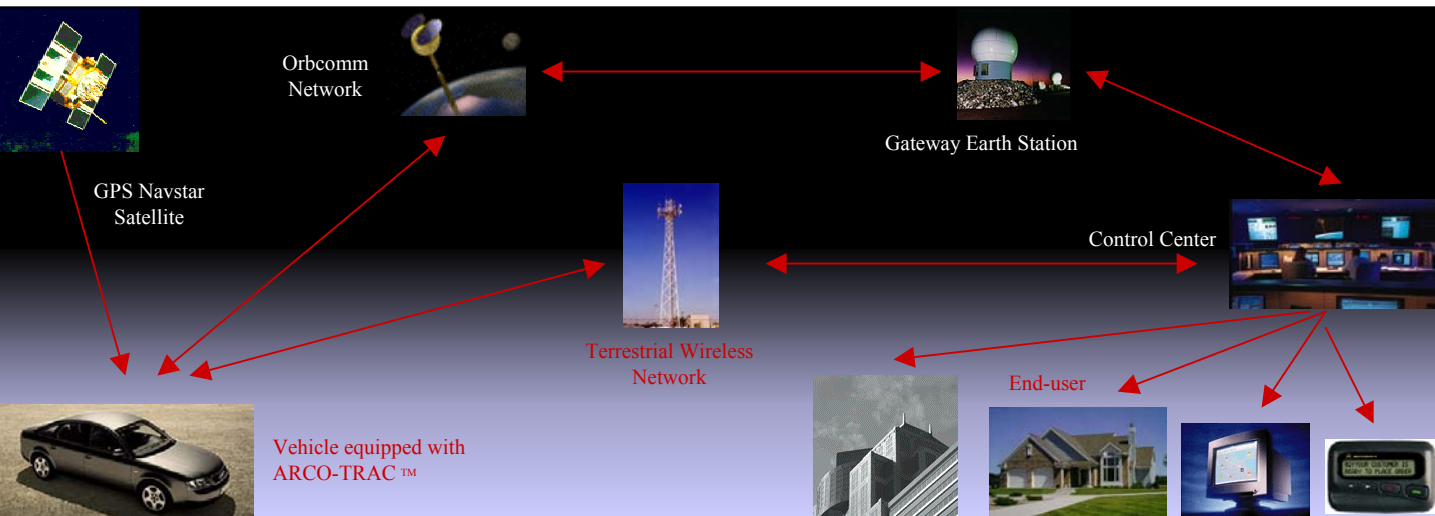
analysis, processing, and response. Because the system operates over the existing cellular networks, coverage for any tracking application is extended to all cellular coverage areas. The result is a reliable and affordable tracking and theft recovery system that will communicate anywhere within its cellular network.

Orbcomm System

Orbcomm is the first commercial constellation of low-earth orbit satellites designed specifically to provide low cost messaging, data transfer, and location information worldwide. The ARCO-TRAC[®] Orbcomm System uses this satellite communications network to transmit the GPS signals and the other information being monitored back to the ARCO-TRAC[®] Control Center for analysis, processing, and response. The system utilizes innovative satellite technology that provides seamless global coverage. The result is a reliable and cost-effective *worldwide* tracking and theft recovery system without limits.

Features

- Vehicle location, speed, & direction of travel
- Distress signals (panic button, car-jacking, accident, roadside assistance, etc.)
- Alarm interface (open/close door sensors, engine on/off status, etc.)
- Activate or deactivate electronic features in vehicle (remote door lock/unlock, turn lights on/off, etc.)
- Monitor vital vehicle status gauges (temperature, fuel level, battery status, etc.)
- Voice capabilities
- Emergency collision notification (air bag deployment, sensors, etc.)
- Movement alarm
- Battery disconnect alarm
- Starter interrupt
- 24/7 U.L. Certified Monitoring and Tracking Control Center



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