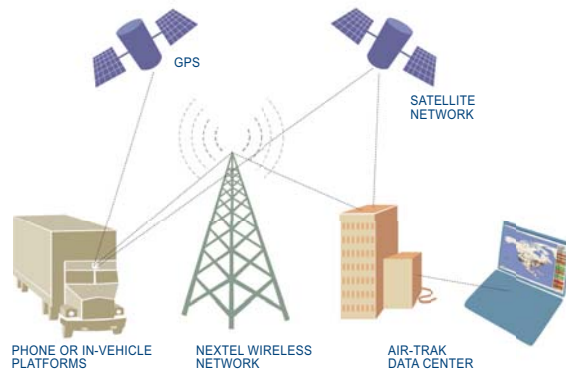


AIR-TRAK

SatCom Upgrade for Nextel® Phones from Sprint® and Air-Trak In-Vehicle Platforms

The most economical way to track your fleet with 100% geographic coverage



The Air-Trak SatCom Upgrade is the ideal solution for remote operations, rural services, or long-haul trucking companies that need constant yet affordable real-time tracking of their vehicles, equipment, and cargo. This upgrade to the basic Air-Trak system runs on Nextel GPS, Java-enabled phones from Sprint or the Air-Trak In-Vehicle platform. The SatCom Upgrade module combines the security of seamless satellite coverage with the affordability of cellular coverage over the Nextel guaranteed wireless network. Only when cellular coverage is unavailable does the Air-Trak system automatically redirect communications to the satellite network. In this way, vehicles throughout North America, Hawaii, Central America, and Puerto Rico can be tracked economically.

The SatCom Upgrade utilizes a geostationary communications satellite to deliver communications with the highest level of availability in the industry. An omni-directional, solid-state satellite antenna with no motor or moving parts provides long-lasting, reliable coverage. The module's onboard intelligence automatically transmits data at engine shut-off, turns itself off to curb costs, and resumes power when movement or engine operation is detected.

With the Air-Trak SatCom Upgrade, your business can:

> Cover the Americas

Track and communicate in real time everywhere in North and Central America and beyond.

> Count on 100% coverage

A solid-state satellite antenna provides reliable coverage regardless of latitude, weather or geography.

> Remain cost-competitive

The SatCom Upgrade automatically uses the most cost-effective hybrid of cellular and satellite networks.

> Track in demanding environments

The SatCom Upgrade is engineered to withstand extreme operating conditions.

The Air-Trak phone and in-vehicle platforms transmit location and other data via satellite and Nextel guaranteed wireless networks to the Air-Trak Data Center, which you can access through an Internet-connected PC

Air-Trak® SatCom Upgrade



The Air-Trak SatCom Upgrade roof-mounted module

Module components and use

The SatCom Upgrade's rugged, compact enclosure houses a solid-state antenna, transmitter, receiver, and RS-232 connection. The module uses a standard mounting pattern and activates instantly and automatically after connection to an Air-Trak phone or Air-Trak in-vehicle platform.

The Air-Trak system

Air-Trak service can be deployed on any combination of supported Nextel GPS, Java-enabled phones from Sprint, Nextel BlackBerry® wireless handheld devices or Air-Trak in-vehicle platforms. With the addition of the Air-Trak SatCom Upgrade, phone and in-vehicle platforms can cost effectively provide 100 percent satellite coverage where cellular coverage is unavailable.

All Air-Trak systems are compatible with each other, easily upgraded, fully scalable (up to thousands of units), and conveniently monitored and managed through the Air-Trak Web Display or Enterprise Display application.

Specifications:

Power

Input Voltage	9 Vdc -16 Vdc, nom per SAE J1455
Receive Mode	3 W (250mA)
Transmit Mode	48 W for 0.5s, 10% duty cycle (4 A at 12 Vdc)

Interfaces

Communications	RS-232, GSM 07.05
Mounting	3-point mount
RF	L-band (1.5GHz -1.7GHz)

Physical

Weight	3 lbs.
Size	7.8 in. diameter, 5.8 in. height

Environmental

Operating Temperature	-40° C to +50° C
Storage Temperature	-55° C to +85° C
Other	In accordance with SAE J1455

How will your business benefit from real-time visibility and control of your mobile resources?

Contact Air-Trak
877-Air-Trak (877-247-8725)
or your Sprint Nextel representative today to learn more, or visit www.air-trak.com.



AIR-TRAK®

Mobile Enterprise Integration