



Connect your assets with a network that reaches new heights

Satellite service for linking Internet of Things around the globe

To keep your company effective, you need to stay on top of your vital assets and operations everywhere you do business—especially in remote areas and extreme environments where access to them is most crucial.

With satellite service from AT&T, you can centrally monitor powered and unpowered mobile and fixed assets virtually anywhere. Wider reach gives you more power to sense and adapt to the changing needs of your business and your customers.

Satellite is flexible enough to reach remote locations with the ability to switch to cellular when in range to keep costs down, work as a network backhaul for existing services or deliver a satellite-only service.

Increase visibility and control over devices with configurations that support industries like transportation, oil and gas, agriculture, and heavy equipment with a solution that adds to your bottom line.



Improve operational efficiencies with satellite

Satellite is always on and always available virtually everywhere

How it works

Choose the configuration that works for you:

Satellite dual-mode



Fill gaps in your cellular coverage while providing nearly seamless switching to satellite coverage and back again

Retrieve data automatically from remote power sub-stations and metering facilities such as oil and gas supply stations. Reduce development costs and timelines while managing and monitoring mobile assets such as trucks, ships and containers.

- Low bandwidth = small, low power, low cost terminals
- Efficient transport = low cost
- Minimal network overhead compared to IP
- Highly resilient to network issues
- Authenticated private data access helps keep your connectivity highly secure

Satellite backhaul



Connect a remote location using a local configuration to headquarters and beyond

Versatile satellite backhaul arrangements are available for remote location requirements.

- Data pipe – Leased line and support high speed networks
- Support remote cellular networks – Voice/message/Data
- Unlimited data – Support video Surveillance
- Supports QoS with guaranteed bandwidth

Satellite only



High bandwidth demands can be met in mobile and fixed remote locations

Satellite-only solves for real-time applications that require higher bandwidth needs as well as SCADA low bandwidth requirements.

- Easy to deploy – SIM card based solution
- Shared bandwidth – similar to cellular data
- Usage based model – data volumes in KB/MB

Connectivity across the globe

AT&T works with most Global satellite providers with several equipment options to suit your unique needs and environment



Increase operational efficiencies and improve your return on investment (ROI)

Quickly establish network coverage, extend business operations and add back up capability

Use cases



Transportation

A shipping company can use dual-mode satellite/cellular service to track inventory across the ocean and onto land. Dual mode means that their tracking will automatically use least cost routing. When cellular service is available, the service will switch to make sure the lower cellular rates are used, and when out of cellular range, it automatically switches to satellite so that tracking is always on.



Agriculture

An agricultural company can choose satellite as a backhaul solution to give additional coverage in rural areas, for precision farming operations and to enhance their back office operations, as satellite backup can easily work with existing infrastructure.



Gas and Oil

An oil company does exploration for new sites around the globe. They can choose a satellite-only configuration so that they can quickly get up and running from virtually anywhere in the world with enough bandwidth to track assets, large machinery, send video for analysis and share large data files throughout the organization.



For more information, contact an AT&T Representative or visit www.att.com/iot

Contact:

Email:

Phone:

Satellite benefits at work

Least-cost connectivity

- Switches to lower cost cellular from satellite when in range
- Best for assets on the move

Extend existing fixed operations

- Site back-up
- Local access options
- Supports high speed networks

Always-on capability

- Easy to deploy
- Big bandwidth
- Disaster recovery

