

Your fleet of assets visible from virtually anywhere

Monitoring shipping assets on a global scale.

Intermodal containers, trailers and transportation assets are constantly on the move. Whether they are in a freight yard or moving across the globe, knowing their location is critical to your profitability.

AT&T Asset Management gives you a complete view of your container or trailer inventory from the place of origin to its destination – and everywhere in between. Welcome to a whole new world of visibility.



AT&T Asset Management

for shipping containers and trailers

Monitor shipping assets at a whole new level

Serving your global customers means maximizing the utilization of your containers and trailers while also minimizing the risk of theft or loss. AT&T Asset Management puts you in control and helps you stay on top of your untethered trailers and containers. Devices with sensors are easily attached to your assets, sending GPS and other data, so you can track the specific transportation leg of each shipment or identify demand and supply trends by location.

How it works

Monitoring devices attached to your container collect location and sensor information, which are then transmitted to AT&T's asset management portal which provides visibility and management over the course of the shipment. Whether your container is in motion, untethered on site, or on a railcar for weeks, you will have maximum visibility by managing your assets with AT&T.

- AT&T global SIM and connectivity
- AT&T global device capability
- Solar and battery powered devices
- AT&T Asset Management for Shipping and Containers User Portal

Energy harvesting for longer battery life

The next generation in tracking devices utilize self-charging lithium ion batteries with solar panels to extend maintenance-free operation. Ready for long-term deployments or unpowered assets, you can maintain visibility as your freight assets travel.

Customize important notifications

Monitor assets for virtually any event that may cause an at-risk situation. Alarm rules can be customized to notify based on your information needs—whether for safety, container space, inventory utilization, internal temperature conditions, or redeployment time.

Potential Benefits

Reduce liability: of loss for shippers

Yard management: Prioritize movement of trailers or containers based on fullness

Transportation management: Dispatch decisions based on location of assets

Parcel sorting systems: Optimize staffing

Asset condition visibility: Light, temperature, and volume

Maximize cargo revenue: through more efficient asset redeployment

End to end supply chain: manage, present data across logistics ecosystem

Gain better control over your asset utilization with end-to-end visibility.

Know when and where your shipping containers are idle so that you can quickly redeploy them to higher demand locations.



Assets



Dry Freight



Chassis



Refrigerated Freight

More visibility. More control.

Find and coordinate the movement of your critical equipment to help reduce downtime costs. A comprehensive dashboard offers visualized data, customizable geofences, and alerts that enable your business to respond quickly and proactively manage risk. Automatic recording of accurate arrival times provides dwell time and demurrage reporting to effectively manage asset utilization.

First-class support

- Global wireless coverage to 200+ countries
- SIM management
- SaaS software
- 24 x 7 customer support
- APIs to enterprise backend applications

Data Visualization and Alert Management Application*



*Screen images simulated

AT&T Asset Management

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Technical Specifications	XT4964A (Global Multi-LTE Band Coverage)	XT6264 (Global Multi-LTE Band Coverage)	XT3182 (North America)	XT4779 / XT4769 (North America)
Communications	LTE Cat 1 Global Asset Tracker	LTE Cat 4 Global Monitoring Device	IoT Gateway with Volumetric Sensing	LTE Cat 1 / LTE - M asset
	<p>The XT4964A is an energy harvesting LTE platform supporting long term, remote deployments without the need to replace the battery.</p> <p>Customers who require frequent data for location, health and monitoring of their remote assets can be assured that the XT4964A will provide more frequent data for longer periods.</p> <p>The XT4964A supports highly configurable reporting frequency and event triggers and thresholds along with 16Mb flash memory that supports up to 10K 11-point geofences. The internal 10.6Ah battery exceeds industry standards for charge and discharge temperature extremes, and is capable of more than 4000 life cycles by controlling and optimizing battery SOC and DOD. Safe charging and discharging termination over temperature is also monitored and managed by the device.</p>	<p>Designed for refrigerated containers, the XT6264 provides remote thermal monitoring and control of key parameters available on reefer controllers. This Global LTE product platform with 3G & 2G supports multiple frequency bands making it a truly global solution.</p> <p>The device is designed to accommodate embedded cellular, GPS, and WiLAN antennas. XT6264 integrates a ZigBee® transceiver with a highly sophisticated algorithm that generates a local mesh network to support bi-directional communication, increase coverage area, and eliminate dependency on being in proximity of the device to download data.</p> <p>The device also integrates an optional Bluetooth® 5, which allows for local connectivity using handheld smart devices.</p>	<p>The XT3182 is an industrial grade, cellular IoT gateway and volumetric cargo sensing solution consisting of stereo vision cameras and a time-of-flight (ToF) ultrasonic sensor. The XT3182 uses machine vision to calculate occupancy at the edge, continuously updating its stereo calibration for increased accuracy. The ToF sensor adds redundant sensing capabilities if the stereo vision sensors become blocked. The XT3182 can capture fullness in all lighting conditions and offloading images to the cloud. The weatherproof case is rated IP65 and IEC vibration tested.</p>	<p>XT4779 is a LTE Cat 1 version of the XT4769 and operates similarly. XT4769 is a self-contained LTE Cat M1 modem with integrated GPS engine, cellular antennas, accelerometer, motion detector, Wi-Fi and Bluetooth for optional wireless sensor integration, and 5 Ah internal rechargeable battery.</p> <p>The weatherproof case (meets IEC 68-2-27 environmental standard and is IP66 certified) allows XT4779 to be used in a range of applications such as container, trailer, generator and motorcycle tracking.</p>
Core Functions	<p>Power DC 8-24V</p> <p>Battery 10,600mAh Li-ion (duration varies with configuration and available sunlight; 2.4 hrs. of sunlight can offset 1 message every 15 minutes)</p> <p>Display GPS, Cellular, WLAN LEDs</p> <p>I/O RS232; 1 in/1 out Digital; 2 ADC in; 1-wire® Bus</p>	<p>Power AC 15-36V</p> <p>Battery 2.35Ah</p> <p>Display GPS, Cellular, WLAN LEDs</p> <p>I/O RS232</p>	<p>Power 12V DC</p> <p>Battery 15Ah Hr Battery message every 15 minutes)</p> <p>Display GPS, Cellular, WLAN LEDs</p> <p>I/O Dual CAN Bus interface</p>	<p>Power DC 8-30V</p> <p>Battery 5Ah Li-Ion Rechargeable</p> <p>Display GPS, Cellular, WLAN LEDs</p> <p>I/O 2 digital input, 3 ADC inputs</p> <p>Battery Life @ Message Frequency</p> <p>1/day 20 months</p> <p>1/hour 3.5 months</p> <p>10 min 20 days</p>

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Technical Specifications	XT4964A (Multi-LTE Band Global Roaming)	XT6264 (Multi-LTE Band Global Roaming)	XT3182 (North America)	XT4779 / XT4769 (North America)
Connectivity	4G LTE Cat-1 Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 18, 19, 26, 28, 38, 39, 40, 41 3G B1/B2/B5/B8 2G 850, 900, 1800, 1900 SMS MT / MO GPS GNSS support: GPS / GLONASS Bluetooth® Optional Zigbee® Optional Platforms AT&T Asset Management for Shipping Containers and Trailers Portal	4G LTE Cat-4 Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 18, 19, 20, 25, 26, 28, 38, 39, 40, 41 3G B1, B2, B4, B5, B6, B8, B19 2G 850, 900, 1800, 1900Mhz SMS MT / MO GPS GNSS support: GPS / GLONASS Bluetooth® 5.0 Zigbee® Transceiver Platforms AT&T Asset Management for Shipping Containers and Trailers Portal	4G LTE LTE Cat 4 Bands 2, 4, 5, 7, 12, 13, 25, 26 3G B1/B2/B4/B5/B8 2G GSM Edge 850Mhz, 1900Mhz SMS MT / MO GPS GNSS support: GPS / GLONASS Bluetooth® Bluetooth 5 and 4.1 Radios AT&T Platforms AT&T Asset Management for Shipping Containers and Trailers Portal	4G LTE LTE Bands 2, 4, 5, 12 4G LTE LTE Cat-M Bands 1, 2, 4, 12 3G B2/B5 GPS GNSS support: GPS / GLONASS Bluetooth® Optional Wi-Fi Optional AT&T Platforms AT&T Asset Management for Shipping Containers and Trailers Portal
Sensors	Sensor types <ul style="list-style-type: none"> Accelerometer/motion Temperature Motion detector 	Sensor types <ul style="list-style-type: none"> Temperature / Ambient Light Door Sensors (Optional) 	Sensor types <ul style="list-style-type: none"> Accelerometer / Motion Temperature / Ambient Light Door Sensors (Optional) 	Sensor types <ul style="list-style-type: none"> Internal – 3-axis accelerometer & motion, internal temperature Reports upon Motion/No Motion Yes; set by configuration
Physical Characteristics	Size 8.45" x 4.73" x 1.06" Weight 1.5 lbs. Environmental IP67 Operating temperature -40°C to 70°C Certifications FCC, PTCRB, IC Mount options Screws, VHB tape	Size 7.2" x 4.2" x 1.2" Environmental IP67 Operating temperature -40 °F to 158 °F (-40 °C to 70 °C) Certifications PTCRB, FCC, IC, CE, and AT&T Mount options Harness Connector - 3-pin header AC power, 7-pin header reefer	Size 6.25" x 8.81" x 1.75" Environmental IP65 Operating temperature -40 °F to 158 °F (-40 °C to 70 °C) Certifications FCC, IC, GCF, PTCRB, AT&T Mount options Screws, VHB tape	Size 5.13" x 2.72" x 1.61" Weight .55 lbs Environmental IP66 Operating temperature -30°C to 70°C Certifications FCC, PTCRB, IC Mount options Screws, VHB tape, magnets (optional)

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

Contact: _____
 email: _____ phone: _____