A Supply Chain Manager’s Guide to the Internet of Things
A new industrial revolution

The Internet of Things, also known as IoT, is rapidly being described as the next industrial revolution, one in which everything and everyone is connected. At the heart of this revolution is you – the Supply Chain Manager.

Monitoring Everything, Everywhere.

From wearables and pallet sensors to connected trucks and WiFi in the sky, real time data is driving innovation that’s rapidly changing the ways we live and work. The always-connected world of IoT also opens entirely new insights into running supply chain operations, with processes and applications never thought possible before. Supply chain managers who harness this data gain the ability to learn, predict and adjust to changing conditions far faster than ever before, accelerating critical business decisions and creating distinct competitive advantages.

Around 90%
Supply chain professionals report improving operational visibility and real time information as either ‘critical and necessary’ or ‘very important.’

+80%
Of companies who have already deployed operation visibility solutions are looking to deploy more solutions in the future.

Source: eyefortransport 2014
Visibility, Speed and Agility: How M2M is Redefining the Supply Chain and Transportation
Today’s global, interconnected business environment demands accountability across every step of the supply chain. As a manager, your job has expanded to include real-time management of goods, vendors, employees, and equipment. The timely arrival of goods is only part of the equation.

When organized and analyzed, this new world of Big Data, constant intelligence, and up-to-the-millisecond information becomes a company’s competitive advantage – a supply network, not just a supply chain. The supply network never stops.

It evolves constantly based on your business needs. Thanks to the Internet of Things, the intelligence unlocked from inside your supply network helps identify your company’s biggest operational needs.

Your company relies on you to gather, analyze, use, and protect this data. You have to deliver.

The IoT supply network partner you choose today will directly impact the success of your business tomorrow.
The supply chain is the lifeblood of any organization. Managers who adapt and innovate, who create supply networks through the adoption of IoT solutions, will directly drive bottom line revenue and improve both customer and vendor relationships.

Cargo View Dashboard

Track your assets in near real time. Cargo view dashboard visualizes data and graphics about the conditions surrounding your valuable cargo.

Greater Visibility

Driver and asset monitoring, intelligent dispatching, and real-time access can help you manage your human capital and vehicles to operate at optimal levels. New connected fleet solutions eliminate time-consuming paperwork, automate administrative processes, and free drivers to focus on their core responsibilities.

Increased Accountability

IoT supply chain solutions extend accountability far beyond basic verification for departure, current location, and arrival. These applications can document the handling and current conditions of every shipment, no matter where on the supply chain it might be. You gain critical leverage via near real-time data to monitor proper handling, from vendor to shipper to customer.

Lower Costs

IoT supply chain solutions deliver powerful new insights into what’s happening at any time across the entire business. This information uncovers new opportunities for operational efficiency that aren’t visible using traditional solutions. You receive the information you need, when and where you need it, to help you operate your business successfully.
When raw materials and finished goods can be sourced from anywhere, purchased from anywhere, or shipped anywhere, managing a global supply chain has become an essential part of doing business for organizations of any size or market. That’s where single SIM capabilities and unified billing by AT&T become indispensable to supply chain management.

The AT&T world-wide wireless presence means that a single SIM card can accompany a shipment anywhere it travels across more than 200 countries. Whether located in a sensor such as the AT&T Cargo View, a smartphone, or even a truck or other transport vehicle, the single SIM capabilities by AT&T create a single reference point for critical supply chain information, wherever that information might be found.

AT&T brings IoT supply chain billing into a single unified system – even when the AT&T solution uses elements from third-party partners and providers. When combined with single SIM capabilities, unified billing means a simpler way to track expenses and track accountability for local, national, and international supply chain deployments.

Companies use more than just location information

- **81.3%** Location
- **42.8%** Temperature
- **42.8%** Security (theft prevention)
- **21.9%** Humidity Levels
- **16.3%** Other
- **8.8%** Vibration

Source: eyefortransport 2014

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One IoT partner for your global supply chain

Get end-to-end accountability and savings by optimizing your supply chain with innovative AT&T IoT solutions.

Fleet Management

Stay on track with real-time route optimization, automatic reporting of vehicle conditions, maintenance scheduling, and tools that can help drivers comply with HOS regulations.

Cargo View

Enhance visibility and be in control of your supply chain, from the moment your freight leaves to the moment it arrives.

Containers

Help reduce loss and theft with container tracking solutions on the road, on rail, and overseas with global connectivity in over 200 countries and territories.

Trailers

Improve customer service by staying apprised of your cargo’s transport and delivery status, no matter where your trailers are on their journey.
We have first-hand experience, so we understand what works

We understand your challenges—because we face them too. Using our own fleet, supply chain, and mobile workforce as a laboratory, we put our IoT solutions to the test with real-world offerings that work in real-world situations. This expertise helps you increase efficiencies across your supply chain and improve customer service. From decreasing paperwork to improving fleet utilization, AT&T is your global supply network partner.

Our supply network background

- Our fleet of 74,000 is one of the largest commercial fleets
- We run more than 2,300 company-owned stores in over 23 countries
- We provide wireless connectivity in more than 200 countries

Your Resource for Fleet Management and IoT

Your AT&T Business Executive is your partner in guiding you to developing the right solution to turn your supply chain into an IoT-driven supply network. For more information on AT&T Supply Chain Services and our role in connecting the Internet of Things, call us at 877.265.2118 or visit us online at www.att.com/IoT.