



Improve efficiency by leveraging IoT for real-time shipping visibility and alerts

Capgemini's Trusted Logistics solution tracks and monitors shipments



Millions of tons of goods and services are shipped around the world every year. Fraud, counterfeiting, adulteration, and spoilage of goods all pose a major challenge to this process, creating inefficiencies that ultimately cost organizations billions of dollars. Compounding the issue is a lack of real-time visibility and alerting, given a reliance on legacy IT without next-gen monitoring capabilities that would stop these problems in their tracks.

Capgemini's Trusted Logistics

Capgemini's Trusted Logistics solves this issue by providing real-time visibility into shipping containers. It is a cloud-based tracking and monitoring application that leverages IoT to provide greater visibility into shipment progress and uses alerts to minimize losses. The solution allows operations managers to constantly monitor container health parameters in real time and take proactive actions in case of any en route issues. It also incorporates blockchain for all transactional data to ensure a high degree of security and transparency, and reduce the chance of fraud and counterfeiting.

Accelerate time-to-market and improve innovation



Tracking

Intuitive map view for easy container tracking



Health statistics

Real-time view into container health, including status of maintenance and recovery following failures



Scalability

Cloud-based flexibility to scale up and down according to demand



24-hour alerts

Always-on incident dashboard shows incident status, intrusion alerts, and warnings when monitoring parameters exceed acceptable range

Trusted Logistics with AWS

Trusted Logistics uses AWS technology to increase the visibility, integrity, and security of shipments as they move through the supply chain. It leverages AWS IoT Services and AWS Notification Services to enable organizations to take full advantage of the cloud and unlock the power of IoT, blockchain, and data.

One organization saw the following gains in efficiency:

- 13% increase in earnings
- 84% reduction in cargo theft
- 50% increase in visibility of logistics data such as supply chain information
- 38% reduction in tampering, theft, and loss
- 49% reduction in cargo delays
- 30% reduction in TAT variance
- 30% increase in timeliness of shipping information



About Capgemini

A global leader in consulting, technology services and digital transformation, Capgemini is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. It is a multicultural company of almost 220,000 team members in more than 40 countries. The Group reported 2019 global revenues of EUR 14.1 billion.

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People matter, results count.



Why Capgemini and AWS

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- Consumer products and retail
- Restaurants and hospitality
- High-tech
- Media and entertainment
- Telecommunications
- Oil and gas, energy, and utilities
- Financial services.

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