



Geo-Sensing

The Internet of Things in the Supply Chain



“The Internet of Things (IoT) is the network of physical objects—devices, vehicles, buildings and other items— embedded with electronics, software, sensors, and network connectivity that enables these objects to collect and exchange data.”

-Wikipedia

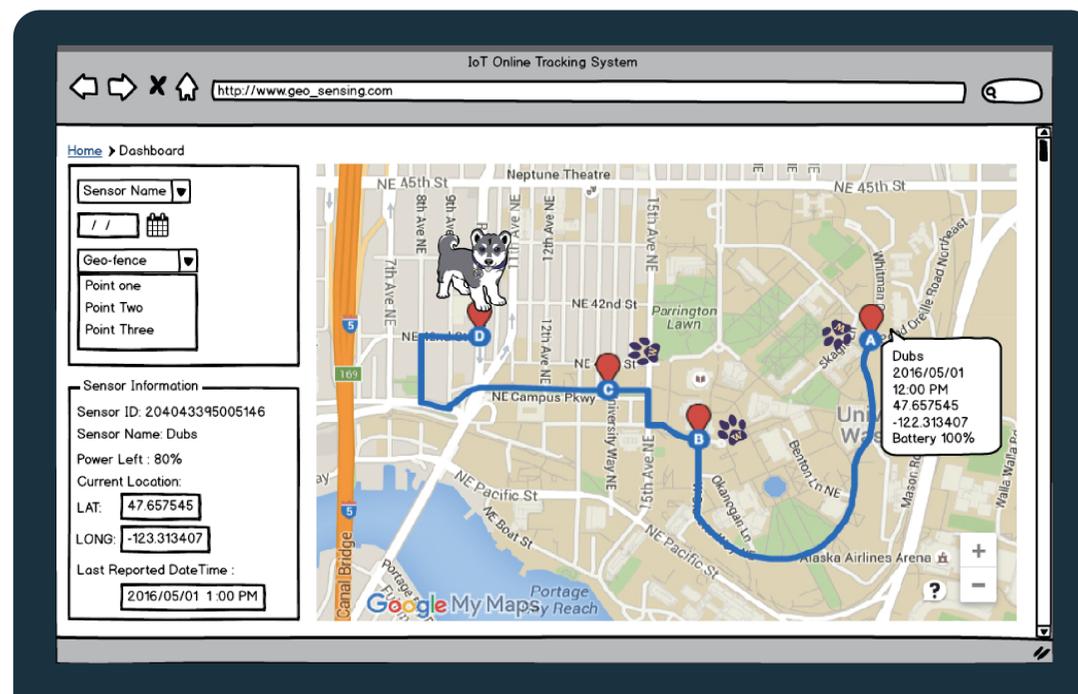
Challenge

- The safety and security of cargos and personnel is of utmost importance to Expeditors, a leading global logistics provider.
- The company is dedicated to exploring security solutions so that cargos worth billions of dollars do not end up delayed or fall into the wrong hands.

Opportunity

- Integrate an IoT methodology into Expeditors' supply chain operations.
- Equip cargos with sensors to enhance in-transit visibility.
- Connect people, processes, and data via cellular devices with GPS/GSM capabilities.

Product



Impact

IoT is a real **game-changer** in the transportation industry. The benefits are wide and varied:

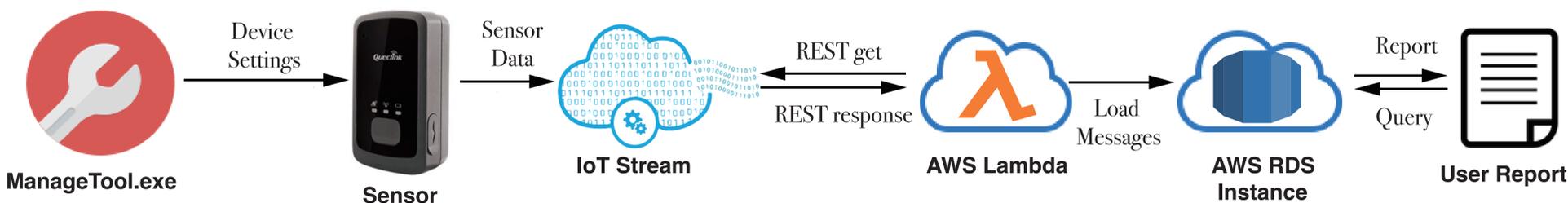
- **24/7 real-time** monitoring of customers' shipments from origin to destination.
- Optimized routes and **improved security** of cargos
- Ability to identify problems **proactively** and faster response time
- Better **decision-making** and reduced business risk

IoT Solution

Sprint IoT platform enables SMS subscriptions and notification channels

AWS Lambda accesses IoT data stream via REST API

MySQL transforms raw data into structured format



Everything is Connected!

Special Thanks

UNIVERSITY of WASHINGTON
eScience Institute
DATA SCIENCE FOR SOCIAL GOOD

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amazon
web services™

Joel Morgan
Lori Clithero