

Asset Tracking on an Offshore Oil Rig

Scope and Context

- During the Deepwater Horizon oil spill disaster, authorities were searching for lost employees for 3 days.
- Oil companies need a tracking and monitoring system for its employees while they are onsite to protect them.
- Our project investigates methods and tools that are used to track employees and assets.

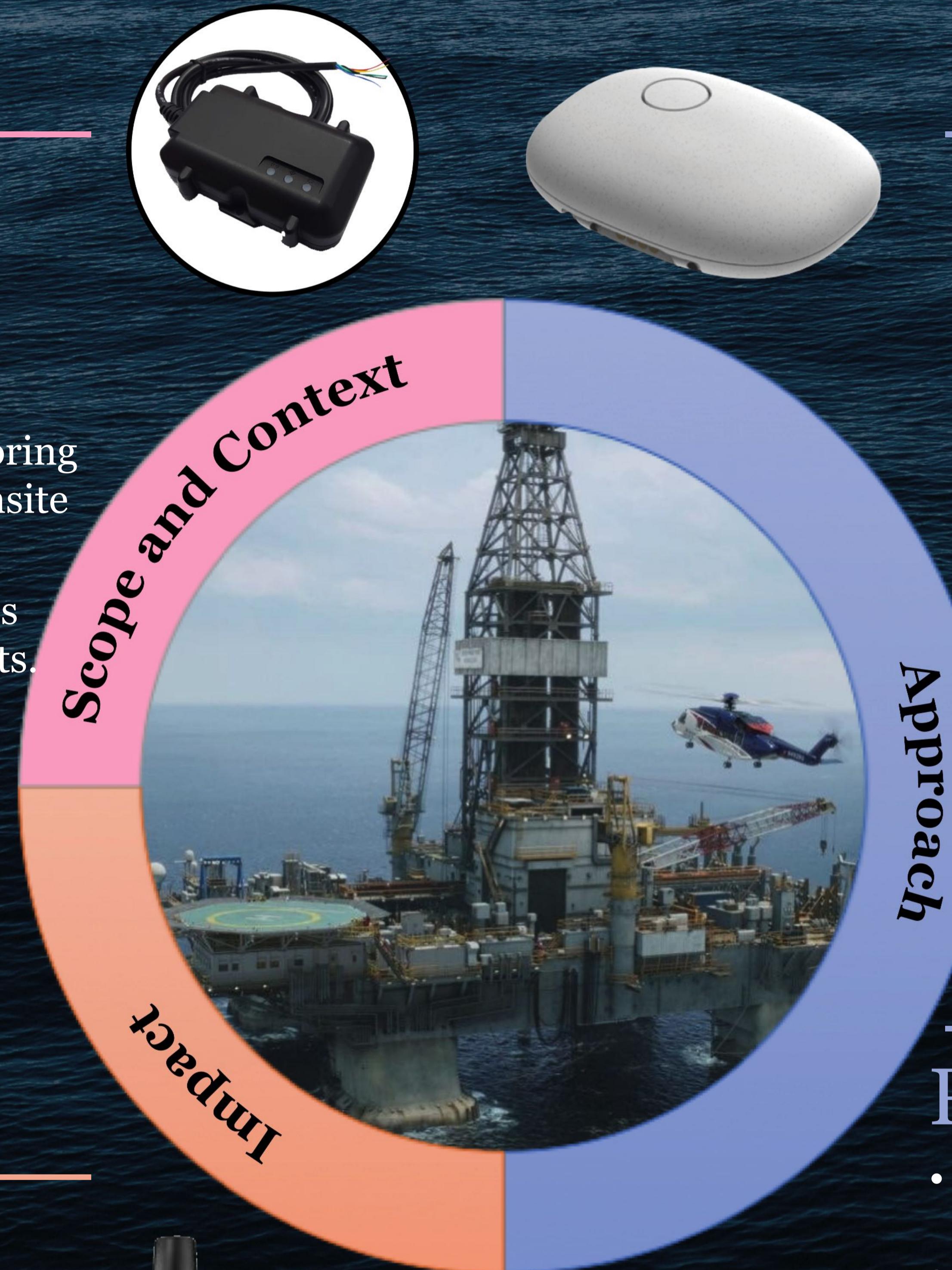
Safety



Cost



Efficiency



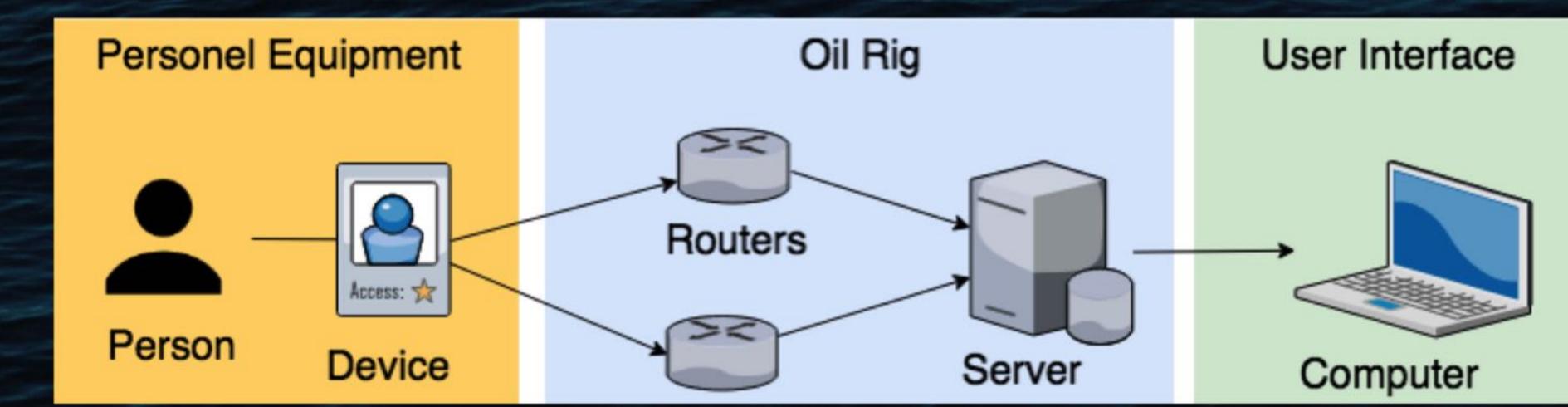
Report

- Market Analysis
- Current Features
 - Competitors

We found that the market was oversaturated with competitors



System Architecture



Prototype

- Transmits a signal to the receiver.
- Detects whether device has contact with water.
- Detect whether the device has had a sudden acceleration.

