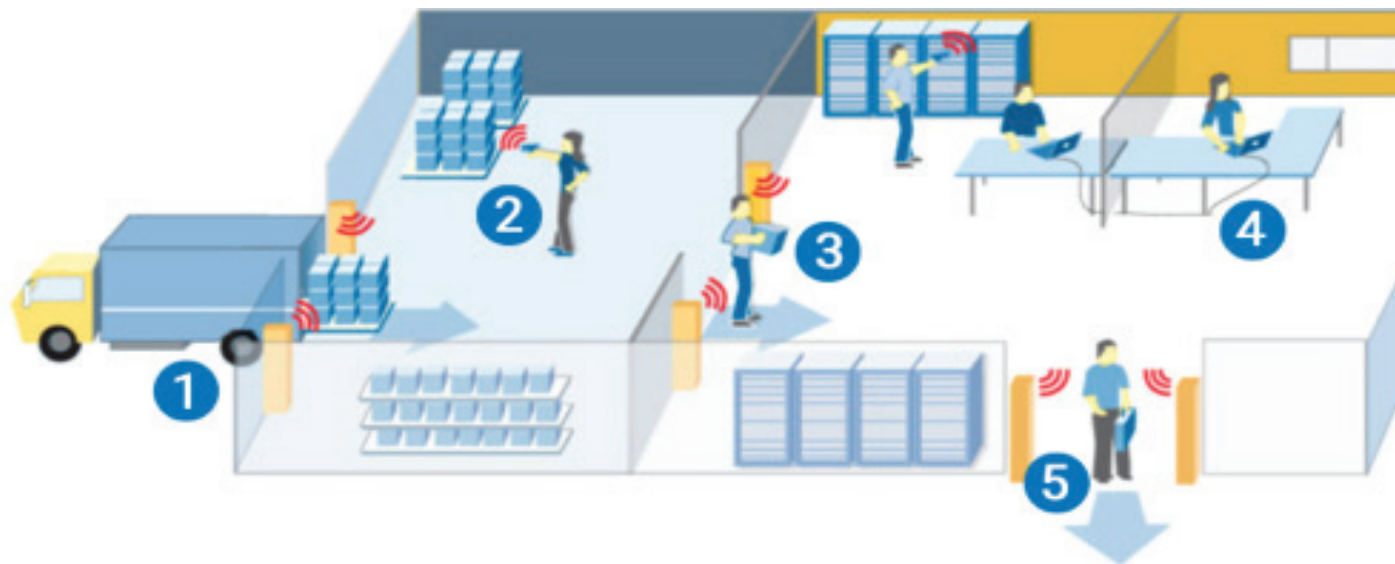


## A Complete Asset Tracking Ecosystem for an Optimized Warehouse Performance



### Key Services

- IoT
- Embedded Development
- Server Side Development
- UI Development
- Android & iOS App Development
- Infrastructure
- Quality Engineering

### Executive Summary

The client is a leading technology solution provider enabling continuous, real-time location and condition tracking of assets for end-to-end visibility. It required a solution that tracks asset giving their precise location.

### Client Profile

The client is a leader in intelligent sensor networks, cloud technology and IoT, bringing operations visibility to companies across the globe

### Business Challenge

Client required an efficient logistical solution to track the assets in order to assess their precise location. Additionally, it needed a solution that would enable continuous, real-time location and condition tracking of assets for an end-to-end visibility.

## Solution

Solution comprised of Enterprise-grade Sensor Fabric™, which is patented, easy-to-deploy, purpose-built & location aware sensors and gateways, coupled with a cloud location engine, enabling smarter operations, with indoor, outdoor and in-transit coverage.

- Innominds helped the client with a business rules engine that configured model & workflows & had a capability to trigger alerts & notification based on customer recipes
- Created intelligent design layout providing better user experience
- The client's expertise was enhanced by IoT - BLE based communication with sensors & gateway, which captures RSSI, batter level, temp, humidity, vibration & shock
- Gateway has Wi-Fi, Ethernet & cellular-based connectivity with cloud and can be provisioned using web interface or mobile over BLE

## Benefits

- Optimized & increased warehouse management efficiency
- A smooth & simple functionality layout & design elements enabling a better user experience
- Real-time insights into operations coupled with key metrics
- Improved the brick and mortar store/warehouse experience
- Increased user engagement & process optimization at multiple touchpoints
- Increased in-house logistical efficiency

## Tools and Technologies

**Cloud Technology:** Java/J2EE, Cassandra, Spark with Scala, AngularJS, Micello Indoor Maps, Kubernetes, AWS

## About Innominds

Innominds is a Product Engineering Services and Solutions company headquartered in San Jose, CA. It offers co-creation services to enterprises for building solutions utilizing digital technologies focused on Devices, Apps, and Analytics. The skilled team of Innominds is responsible for building better outcomes for its clients through reliable, advanced technologies like Blockchain, Big Data, Artificial Intelligence, Cloud & DevOps and IoT among others.



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