

A new real-time IOT track & trace solution with Intel Technology

PA developed a platform in an agile way, developing hardware packages and building the solution on Google Cloud allowing for real-time analytics.

The challenge

They needed to manage merchandise with real-time visibility, whilst preventing supply chain losses. They wanted a way to manage devices, store data and provide reporting whilst alerting the end user in real time.

The solution

Using Intel technology, PA built hardware packages consisting of sensor tags and gateways operating in a parent-child set up. Allowing the customer to monitor the status and position of shipments and store the data based on user-defined settings, whilst sending the data to Google Cloud in realtime. Google allows us to send the data to the cargo manager to monitor the status, fully secure.

The results

PA Consulting enabled growth by improving supply chain partner and consumer experience. Allowing them to prevent supply chain losses with accurate data and real - time visibility. The system not only tells you the location of the goods but also the condition through a set of sensors measuring things like temperature, humidity, shock etc.

“The Intel Connected Logistics Platform provides our clients a powerful solution across a range of different industry sectors for unprecedented real-time transparency of shipment progress and conditions... with route and duration improvement opportunities of up to eight hours on a 36-hour shipment.”

JJ Van der Meer, a procurement expert at PA Consulting

About Intel Corporation

Intel's innovation in cloud computing, data center, Internet of Things, and PC solutions is powering the smart and connected digital world we live in.

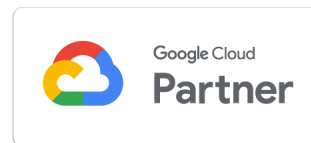
Industry: Telecommunications

Primary project location: United Kingdom



About PA Consulting Services Ltd

We are a multi award-winning Google premier partner, specialising in cloud migration, application development, data analytics, & machine learning.



Products

Google Cloud Platform