

SMART PACKAGE

TRACK, MONITOR AND IDENTIFY TREATMENT OF GOODS



WHAT IS IT?

B2B supply chains ever-increasingly include international sourcing, manufacturing and localised transportation to create their unique product offering. Throughout this process, vital information is often provided in siloed data systems, generating the challenge of deriving meaningful statistics from disparate data. **Providing access to this data provides a complete view of the product journey and enables high-levels of customer service.** Tracking goods using a smart package enables business insights about the journey the package made and key attributes such as its **temperature, orientation, and force.**

This Smart Package solution monitors goods through the entire lifecycle from QA and packaging by the manufacturer through to delivery to the customer. This concept leverages Accenture's IoT Devices Platform (AIDP) solution for tracking the damage including force and orientation, for example, the force a cobot uses to package the device into a box can be provided in near real-time.

KEY FACTS



\$3tn

World exports of manufactured goods increased by \$3 trillion USD between 2006 and 2016. [1]



40%

Percentage of respondents citing lack of visibility across the extended supply chain. [2]



\$55bn

Value of cargo losses worldwide in 2015. [3]

BENEFITS

1. Selecting logistics expert services who have a **positive reputation based on transit performance.**
2. Enabling the understanding of the circumstances in which products are damaged before receiving them.
3. **Quality check of goods** throughout the Supply Chain and identification of when goods may need to be re-inspected.

[1] <http://www.grandviewresearch.com/press-release/global-market-trends-for-robotics-and-automation-devices-by-2020/>
 [2] https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1422600/?utm_campaign=el-ear-ni-ng-ind-ustry.com&utm_source=22F-surgical-simulation-training-virtual-reality-futures-urgical-training&utm_medium=link
 [3] <http://www.cranenew.com/wp-content/uploads/Industry-Insight03-31.pdf>. Crane worldwile logistics