



## **Achieved shelf grid level locating of UHF RFID tags using a mobile robot and P3 Mapper [Phase based 3D RAIN RFID items' location Mapper].**

Tokyo --July. 29, 2017 - RFLocus today announced the success of locating RAIN RFID tags in a shelf grid accuracy using a mobile robot and RFLocus's patented "P3 Mapper" system. In the RFLocus's test warehouse, a total of 100 RAIN RFID tags were attached to the front side of each box and the system effectively read them with 100% location accuracy (\*). This was made possible by RFLocus's patented phase based locating algorithm and a mobile robot which is used to propel antennas' movement in a consistent and autonomous manner.

Robots can move around intelligently to locate all items daily in many types of warehouse, libraries, parking lot etc. P3 Mapper significantly reduces labor costs needed for inventory management on counting and registering location of items.

The photo shows our development environment for P3 mapper to support mobile robots and drones.

*(\*) Accuracy may vary for each environment.*

About RFLocus Inc.

RFLocus Inc. provides precise locating RAIN RFID tags solutions to track items in environments like warehouse, logistics, library, and healthcare. Find more information at <http://rflocus.com> and contact [info@rflocus.com](mailto:info@rflocus.com) .



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