



NarrowCast Group, LLC 10400 Linn Station Road, Suite 100 Louisville, KY 40223

RFID-Based Localization and Tracking Technologies

Among its many applications, Radio Frequency Identification (RFID) is widely used in enterprise supply chain management to improve the efficiency of inventory tracking and management. The relatively low cost of RFID technologies – an RFID tag can cost under 50 U.S. cents, much less than general-purpose wireless sensor nodes – makes RFID a popular candidate for localization and tracking.

This paper by researchers from the [National Institute of Standards and Technology](#) and The Hong Kong University of Science & Technology presents an overview of RFID-based localization and tracking technologies, including tag-based (e.g., LANDMARC), reader-based (e.g., reverse RFID), transceiver-free and hybrid approaches.

Included in this ZIP file are:

- RFID-Based Localization and Tracking Technologies.pdf
- Intro Doc.pdf
- Terms and Conditions.pdf