

Mobile service robot for efficient and automated UHF-RFID inventory

World's first RFID inventory robot in continuous live operation since 2015



Capabilities of TORY

- » RFID reading accuracy of $\geq 99\%$
- » Autonomous and safe navigation (CE/TÜV)
- » High speed up to **1 m/s** (walking speed)
- » Up to **18 hours** operation time
- » Category management program
- » Replenishment optimization
- » Out-of-stock-detection
- » Planogram management
- » Speech recognition / synthesis



Your benefits







- ✓ Higher availability of goods and prevention of out-of-stock-situations
- ✓ Improved customer service and enhanced customer satisfaction
- ✓ Significant process improvements
- ✓ ROI typically < 18 months
- ✓ **Reduced operational cost + increased revenue**

"TORY has proven its reliability and commercial viability in an initial test phase covering five ADLER stores over the past three years."

Carmine Petraglia, Chief Commercial Officer at Adler Modemärkte AG

MetraLabs' proven robot technology


made in Germany

-  Facilitating Industry 4.0 advantages and lean processing principles in industry, retail and libraries
-  Complete automation of daily operation, from task execution to battery recharging
-  Reduced operational cost and decreased manual labor overhead
-  Proven technology for safe, unsupervised use in public environments (CE/TÜV)
-  One stop shopping. Individual consultation, adaption and development of additional functions
-  More than **10 years** of experience, **300 robots** deployed worldwide, **80,000 km** autonomous driving experience

Our robots are deployed at (excerpt):

