

CHALLENGES:

- AUTOMATE TASKS
- IMPROVE SAFETY & QUALITY

EXCLUSIVE OFFER FOR
MANUFACTURERS IN THE
FOLLOWING COUNTIES:

Dauphin
Lancaster
Lebanon
York

Pilot an Autonomous Mobile Robot at No Cost

Reduce manual material handling, improve process consistency, and test real-world automation without the financial risk.

A PRACTICAL WAY TO ADDRESS SAFETY, QUALITY & PRODUCTIVITY

Autonomous Mobile Robots (AMRs) can move carts and materials through your facility, reducing the need for employees to perform repetitive transport tasks. More predictable material flow may also help reduce congestion, handling errors, and process variation.

POTENTIAL APPLICATIONS

- Automating repetitive lifting, carrying, and cart movement
- Reducing awkward postures and high-frequency material handling
- Minimizing forklift, pallet-jack, and pedestrian interaction
- Improving the consistency of parts, tools, and work-in-process delivery
- Limiting employee exposure to heavy, hot, sharp, or other higher-risk materials

HOW THE PILOT WORKS

1. Identify a current material-movement challenge in your facility.
2. Contact MANTEC to discuss your site's compatibility before 7/17.
3. If selected, you'll be able to test an AMR using your existing carts and workflows for up to six months, with local college-level robotics students supporting implementation and data collection.
4. Return the AMR or consider a purchase.



NOTE: DoD manufacturers may have additional grant opportunities to help support equipment purchase.

**Safety is Built
Into the Project**

The pilot will consider worker input, application-specific risk assessment, defined routes and operating zones, training, operating procedures, and appropriate safeguards.

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