Better Buildings™
Better Plants
U.S. DEPARTMENT OF ENERGY

2026 Better Practice

Autonomous Robotics for Predictive Maintenance and Energy Savings

CONAGRA™ • BRANDS •

Conagra Brands, Inc.'s Council Bluffs, IA, plant piloted Boston Dynamics' SPOT to autonomously detect compressed air and steam leaks, thermal hot spots, and equipment anomalies — improving performance, reliability, and safety — while creating a standardized framework for predictive maintenance across the company's facilities.

- Identified eight air leaks and one steam leak, saving nearly $7,500 annually
- Detected critical compressor anomalies and pump and motor deviations, worth approximately $81,000 in estimated savings
- Completed 358 inspections with success rates exceeding 85%

Payback Period: Less than 1 Year