

The following technical paper abstract information was recently submitted in connection with session DOD113, Workload, Workforce, Material Management

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Paper Title: Wireless Command & Control Over Material Handling Assets

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Abstract: The I.D. Systems PowerFleet® Wireless Industrial Vehicle Management System provides essential functions for controlling, tracking & managing fleets of Material Handling Equipment (MHE):

- Equipment access control with electronic ID card
- Electronic safety inspection checklists
- Impact detection & automated management
- Maintenance controls
- Equipment utilization analysis
- Labor efficiency analysis
- Equipment readiness optimization
- State-of-the-art COTS software
- Wireless communication via secure FIPS-compliant Wi-Fi
- Data Analytics option to benchmark performance across enterprise

This technology helps reduce the significant costs associated with material handling operations: equipment acquisition, labor, maintenance, energy, damage, lost work time from accidents, low asset utilization, and inefficiency.

Benefits include an unprecedented level of vehicle operator accountability, improved operational safety, reduced operating and capital costs, and improved productivity/asset utilization/mission-readiness. Wireless MHE fleet management is a proven solution in both commercial and DoD environments; the potential savings to DoD is estimated at >\$490 million annually.