

CASE STUDY

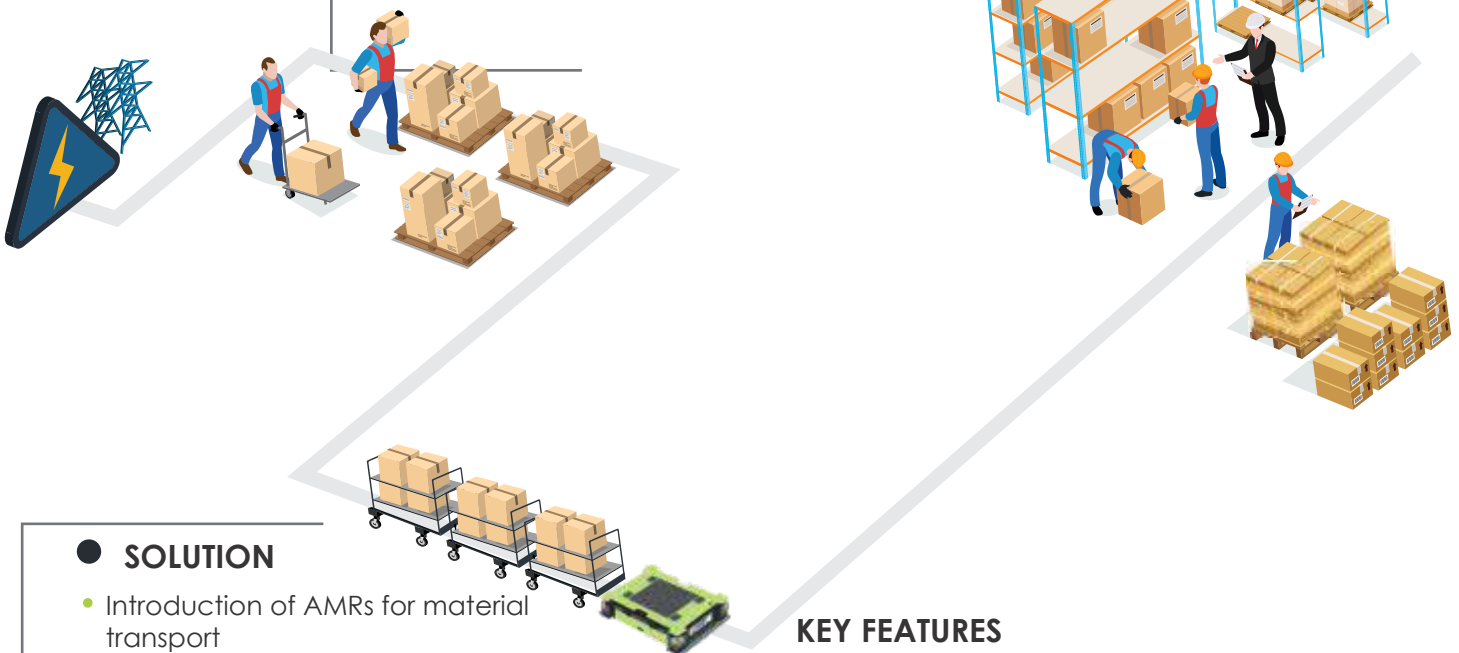
GLOBAL SPECIALIST IN ENERGY MANAGEMENT AND AUTOMATION

AUTOMATED MATERIAL TRANSFER

AMRs enable workforce optimization and increase shop-floor safety

● CHALLENGE WITH IMPLEMENTATION OF GLOBAL SAFETY DRIVE

- Client needed to reduce operators required for material transportation without impacting productivity
- Crowding of aisle spaces caused accidents and damage to material



● SOLUTION

- Introduction of AMRs for material transport
- AMRs used for moving raw material from warehouse to assembly area
- Same AMR used for transportation of finished goods to warehouse

KEY FEATURES

- AMR carrying upto 10 trolleys in single trip
- Automatic unhitching of trolley

RESULTS



More floor space available for man movement



Elimination of accidents arising from transportation



Manpower optimization



ROI of under 18 months