NAME
Internal logistics based on roller conveyors and Autonomous Intelligent Vehicle (AIV)

CHALLENGE
Process automation / Efficiency using equipment and layouts / Real-time monitoring

SOLUTION
Multidirectional system for bin transfer and detection based on an omnidirectional conveyor and a RGB-D camera. The bins are picked using an autonomous intelligent vehicle capable of avoiding obstacles. The solution also includes remote monitoring of system variables.

APPLICATION
Transportation and internal logistics

TECHNOLOGIES
Cyber Physical Systems (CPS) & Internet of Things (IoT)  Advanced Automation Control & Industrial Robotics  Industrial Vision Systems for Inspection and Quality Control

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