



FROM "HIDDEN ASSETS" TO "LIVE ASSETS" ON STEROIDS WITH IOT

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Deloitte.
Digital

ABOUT ME



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AGENDA

1. Large Manufacturer Digital Transformation Overview
2. Asset Tracking
3. Logistics Optimization & Streamlining

SCOPE OF WORK FOR A LARGE MANUFACTURER

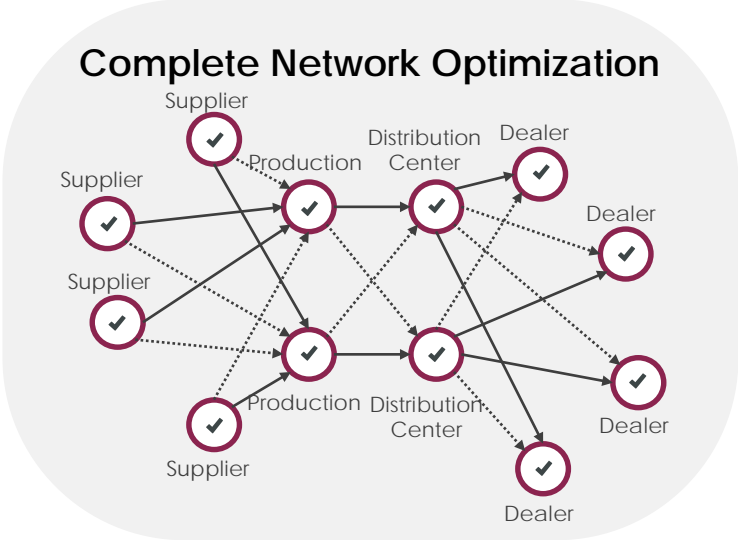


Delivered an end-to-end digital solution that involves customers, digital supply network, and digital factory for manufacturer's fastest growing construction equipment business

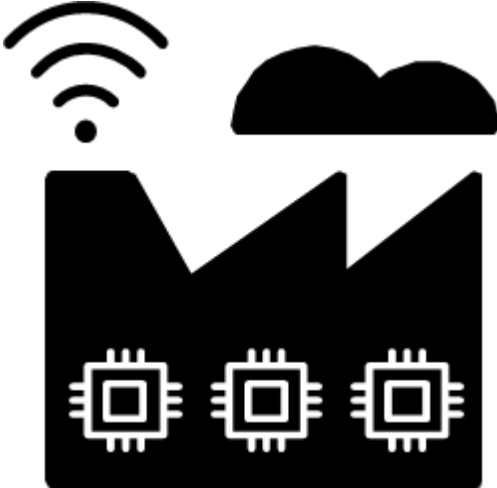
Digital Customer Experience



Digital Supply Network (DSN)



Digital Factory



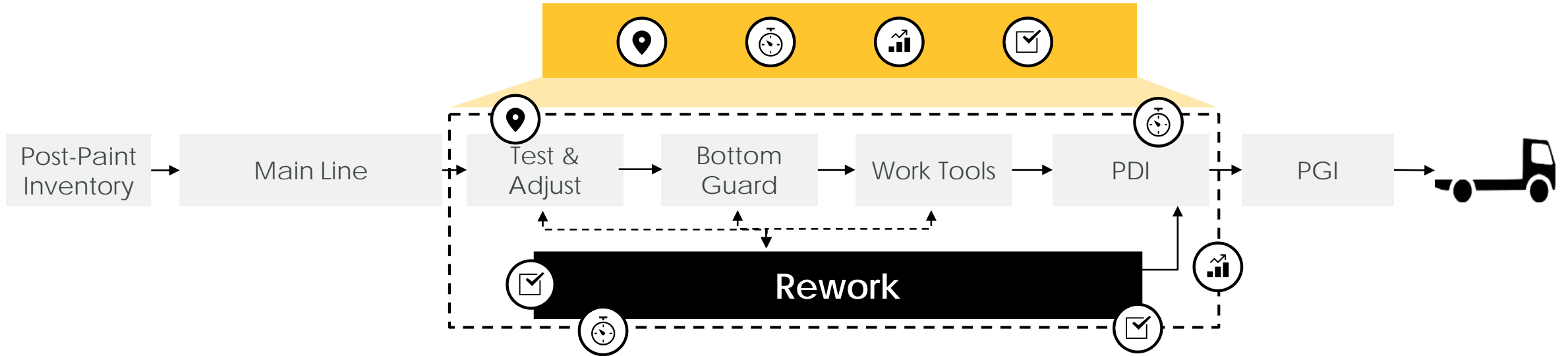
ASSET TRACKING



MANUFACTURER'S END-OF-LINE SOLUTION VALUE



The digital solution drives value by connecting the digital and physical worlds and connecting performance from the shop floor to the top floor



Business Value



Improved Delivery Date



Increased Operating Profit

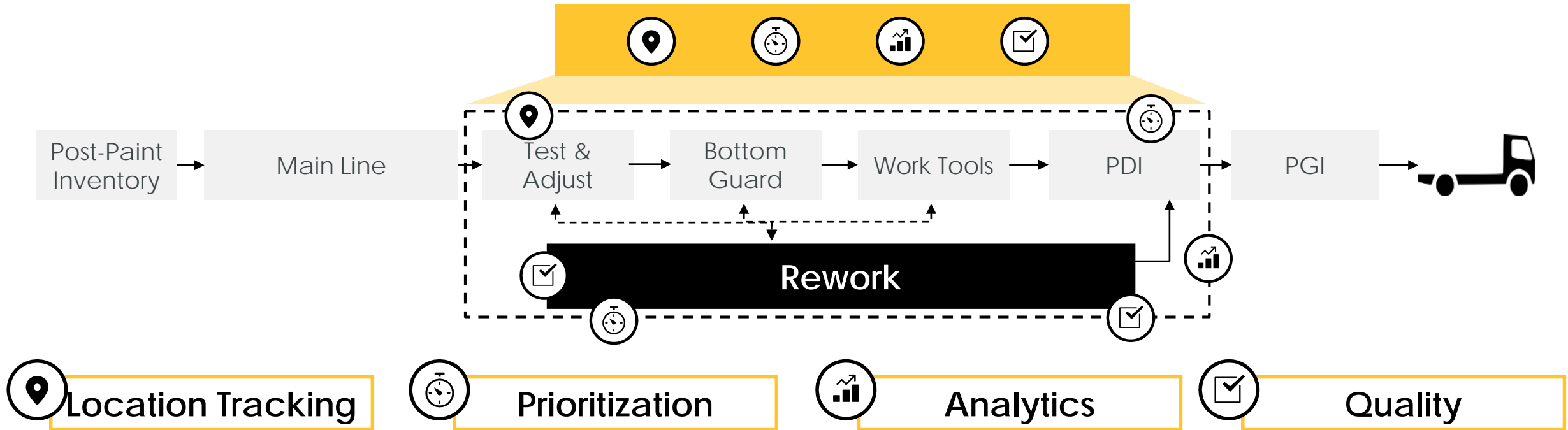


Reduced Capital Charge

MANUFACTURER'S END-OF-LINE SOLUTION ILLUSTRATION



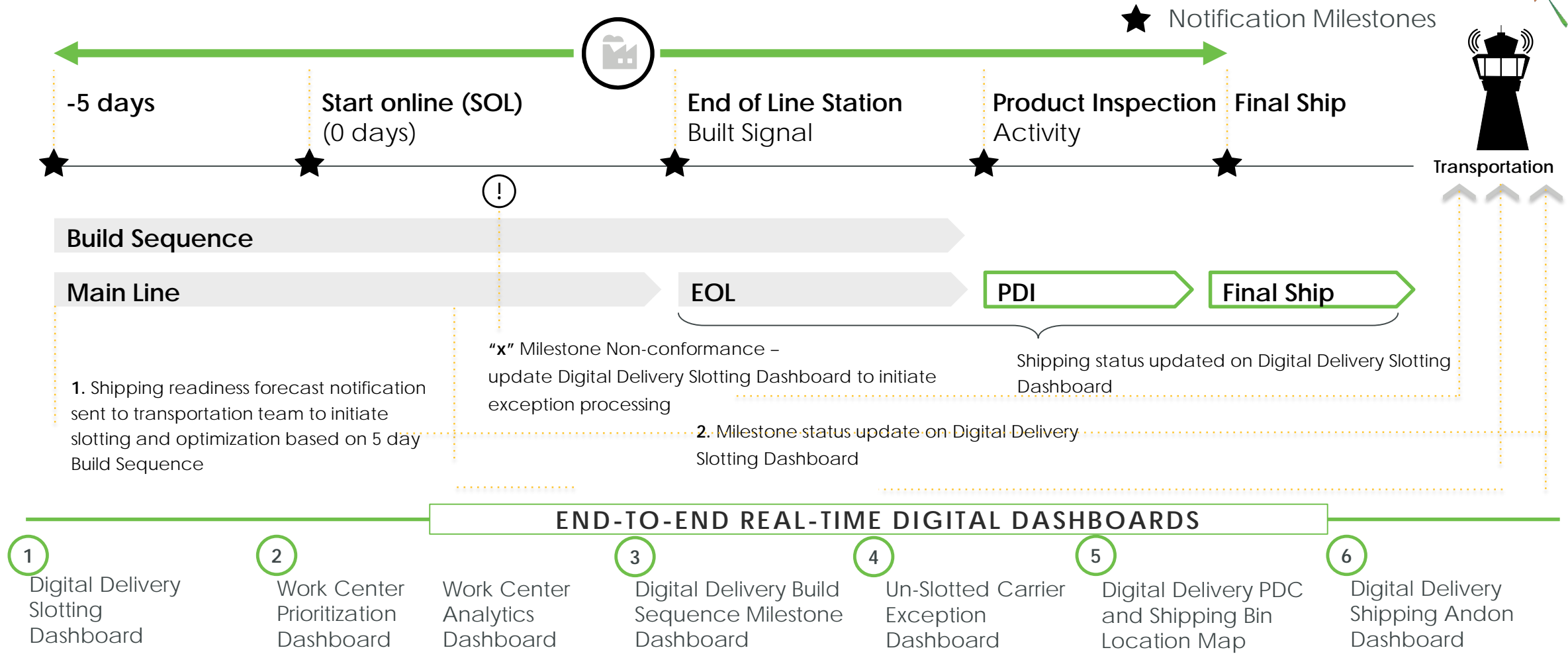
Deloitte implemented a sensor based solution to illuminate the hidden factory at End of Line



LOGISTICS OPTIMIZATION & STREAMLINING



PROCESS ENABLED: SHIPPING YARD



BENEFITS – DRIVERS



Improve pickup logistics & truck density



Reduce inventory/ Capital Charge



Labor cost reduction

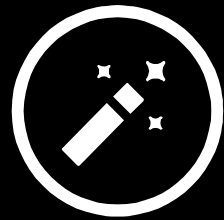


Improve dealer satisfaction



FUTURE SCOPE

- Increased lead time for logistics optimization for lean assembly line operations
- Improved coordination and tighter carrier pickup timeslots via slotting
- Reduced miles per unit and increased truck density
- Enhanced visibility of machine movement, machine aging, and yard inventory
- Decreased finished goods inventory by at least 2 days
- Standardize shipping work load and reduce peak shipping events
- Improved ability to manage and track non-conformances
- Provide real-time inventory visibility by plant, model and serial number
- Increased customer satisfaction through improved on time delivery
- Increased customer loyalty with improved dealer experience



THE
MAGIC'S IN
THE METHOD

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Start small.

Scale fast.

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