

SOLUTION OVERVIEW



Real-time yard visibility with intelligent tasking

Transform your warehouse yard from a reactive parking lot into a self-optimizing logistics hub.

Warehouse yards are often “black holes” of radio chatter and spreadsheet chaos. **Trimble Advanced Trailer Orchestration** delivers a real-time digital twin of your yard assets and intelligent AI-driven workflows, reducing trailer hunting and boosting dock and shunter productivity.

Visual digital twin

Gain real-time visibility with a digital twin of yard assets. Track statuses like reefer health and condition instantly, turning your yard from a “black hole” into an actionable, transparent hub.

Mobile execution

Shunters receive prioritized, high-value tasks directly on mobile devices. Eliminate radio chatter and trailer hunting, driving consistent outcomes with automated mobile work queues.

Intelligent orchestration

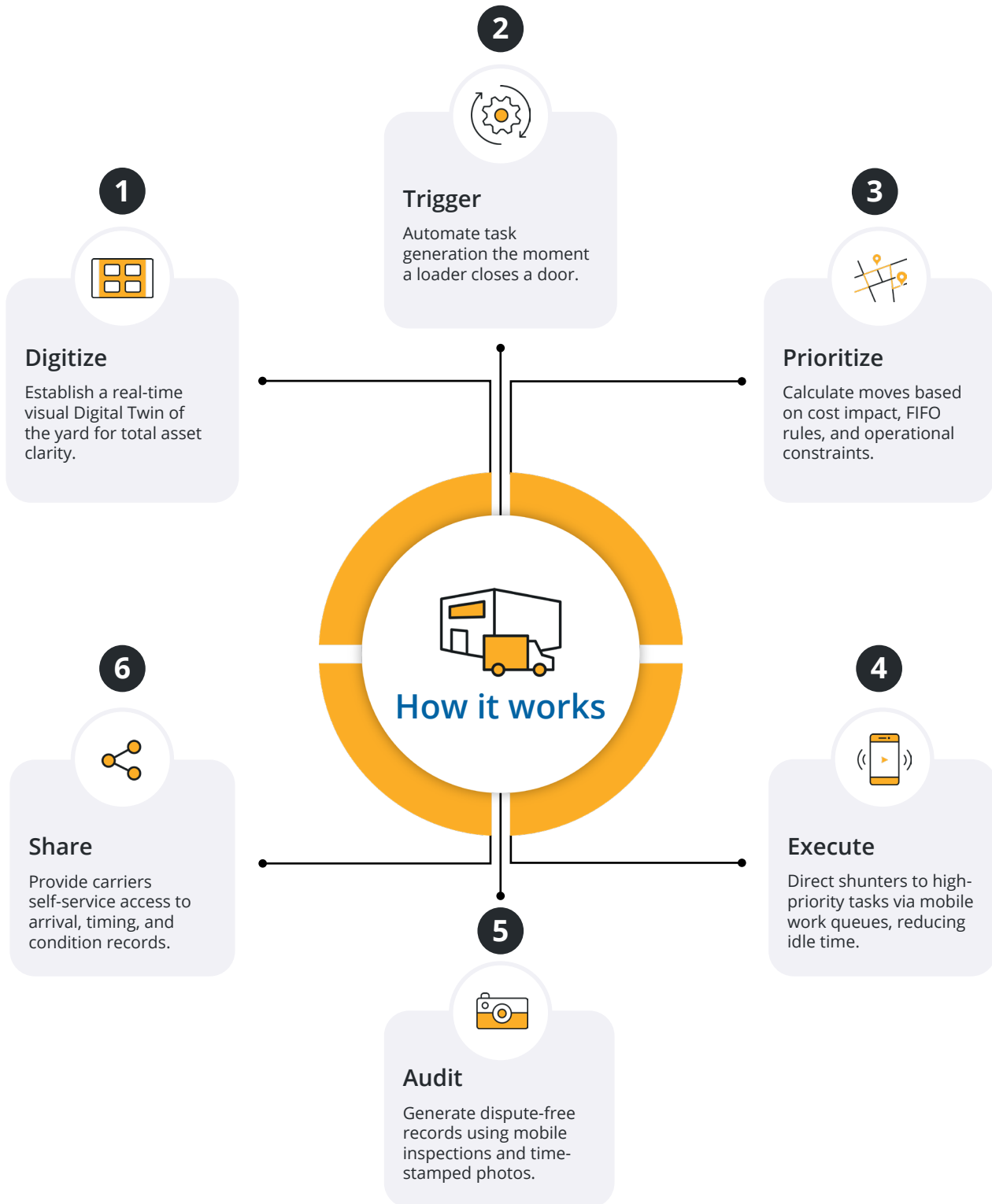
Automate trailer move requests the moment loading finishes. Our engine uses FIFO logic and dwell-time alerts to prioritize tasks, ensuring your most critical moves happen first.

Carrier visibility

Provide carriers with a self-service portal for arrival, condition, and timing records. Build trust and reduce administrative burden with indisputable, time-stamped photo evidence.

Improve your yard performance

- Eliminate detention fees with 5-10% reduction in exposure via automated FIFO and dwell-time alerts.
- Improve shunter efficiency by 25-30% by eliminating manual “trailer hunting.”
- Increase dock availability by ~20% by clearing doors immediately with automated task triggers.
- Reduce carrier disputes by 30-40% using our self-service portal and time-stamped photo evidence.
- Move from reactive hunting to predictive shunting by forecasting demand based on live data.



Synchronize your dock and yard with one-click orchestration.

Learn more: transportation.trimble.com/en/solutions/dock-and-yard/advanced-trailer-orchestration