

Vector YMS: Your Assembly Line for Automating Your Yard Logic

Feature Overview:

Vector's **Yard Management System (YMS)** gives you complete control over yard operations by automating complex workflows based on your facility's unique processes. From check-in to check-out, trailer movements, driver communication, and compliance—our configurable logic ensures your yard runs exactly how you need it to, without manual oversight.



Why It Matters:

Every facility operates differently. Historically, the unique requirements reside in your coordinator's mind where decisions are made on the fly. Whether you're managing carrier check-ins, spot assignments, or trailer life cycles, manual decisions slow you down, are error-prone, and make training new resources a burden. **YMS** empowers your teams to define **automated workflows** that align with your operational policies and service-level agreements, freeing up bandwidth to focus on value-added tasks and monitoring.

YMS Workflow Configuration:

✓ Check-In & Check-Out Automation

- Choose from multiple check-in types:
 - Carrier appointed
 - Facility-initiated
 - Driver-initiated via mobile or SMS
- Enable driver lookup by phone number and control visibility of assigned tasks
- Set outbound seal and trailer verification rules

- Rejection reasons for check-out
 - Missing seal
 - Placard issues
 - Missing paperwork
- FMCSA DOT operating authority authentication
- FMCSA DOT safety rating

✓ Trailer & Spot Assignment Logic

- Automatically assign empties, tractors, and drop spots based on facility-specific rules
- Configure Clerk & Guard task visibility:
 - Required Fields
 - Optional Fields
 - Hidden Fields
- Establish default inbound/outbound configurations
 - Live vs. Drop
 - Asset vs. Broker
 - Modal specific scenarios
- Inbound:
 - Raw & Pack
 - Bulk
 - Pallets
 - Transfers
- Outbound:
 - Customer Order
 - Stock Transfer
 - Dunnage
- Set default hook areas (such as “Main Lot”) for streamlined spot assignments.

✓ Driver Communication Flows

- Auto-notify drivers of tasks:
 - Facility rules and guidelines
 - Spot assignments
 - Door location
 - Loading/unloading updates
 - Early arrival re-direction to local truckstop or waiting areas
 - Late arrival work-in instructions
- Provide real-time check-in/check-out status
- Enable two-way, translated messaging directly to the driver’s device
 - Powered by Google Translate, supporting 249 languages

✓ Document & Compliance Handling

- Customize inbound and outbound document collection workflows
- Require BOL signatures from drivers and shipping coordinators
- Define mandatory data fields (seal verification, trailer photo, cargo photos, etc.)
- Capture documents via OCR/AI and photos (seals, trailers, tarping)

✓ Trailer Life Cycle Management

- Automate trailer status updates from En Route → Arrived → Assigned → Loading/Unloading → Departed
- Dynamically assign and clear spots as trailers enter or leave the yard
- Differentiate live vs. drop trailers for better resource allocation
- Automatically clear all linked data upon trailer departure

Benefits of Configurable Automation:

- **Operational Consistency:** Enforce facility-specific rules with precision
- **Faster Turnarounds:** Reduce manual inputs and streamline trailer movements
- **Error Prevention:** Ensure compliance with automated verification checks
- **Driver Satisfaction:** Keep drivers informed and moving with automated updates
- **Scalability:** Apply tailored rules across multiple facilities with ease

