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# Equipment inventory management

Automatically monitors fire protection equipment inventory levels and triggers procurement workflows when stock falls below safety thresholds. Ensures critical safety equipment is always available for installations and emergency repairs.

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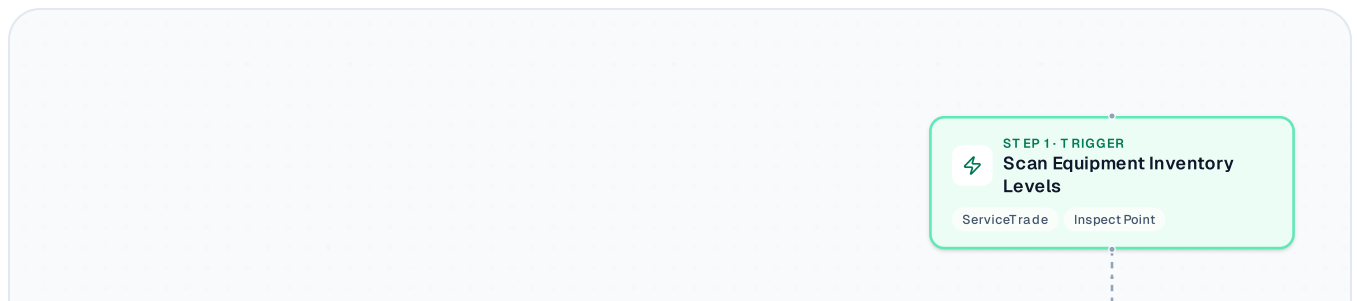
## WORKFLOW TRIGGER

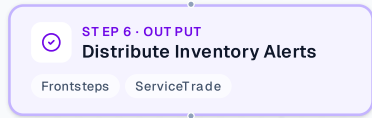


Daily inventory scan detects equipment quantities below minimum safety thresholds

## Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.





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## Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

### Scan Equipment Inventory Levels

Daily automated scan of fire protection equipment inventory including sprinkler heads, alarms, extinguishers, and detection devices. System checks current stock against predefined minimum safety thresholds.

2

 DECISION

### Evaluate Criticality Level

Determines if low-stock items are mission-critical (life safety systems) or standard maintenance supplies. Routes workflow based on urgency classification.

ServiceTrade

3

 ACTION

### Check Pending Service Orders

Reviews scheduled inspections and maintenance work orders to forecast additional equipment needs. Calculates total requirement including buffer stock for emergency calls.

FieldEdge

FireServiceFirst

4

 ACTION

### Generate Procurement Request

Creates detailed purchase orders with equipment specifications, quantities, and delivery priorities. Tags urgent orders for life safety equipment with expedited shipping requirements.

ServiceTrade

PrimeLime

5

 ACTION

### Update Service Scheduling

## AI Business OS

Adjusts upcoming maintenance and inspection schedules based on equipment availability. Prioritizes work orders that can be completed with current inventory.

FieldEdge

FireServiceFirst

6

OUT PUT

### Distribute Inventory Alerts

Sends prioritized notifications to procurement teams, field technicians, and operations managers with current stock levels and pending orders. Updates customer service teams on potential scheduling impacts.

Frontsteps

ServiceTrade



### Outputs

- Automated purchase orders for critical fire safety equipment
- Updated maintenance schedules optimized for available inventory
- Real-time inventory status dashboard for operations teams



### Key Metrics

- Equipment stockout incidents

- Average inventory turnover rate

## AI Business OS

- Emergency procurement response time



### Tools & Integrations

- ServiceTrade
- Inspect Point
- FieldEdge
- FireServiceFirst
- PrimeLime
- Frontsteps

Actionable AI implementation strategies for  
**AI Business OS** ready to transform their  
operations.

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