

Equipment maintenance scheduling

Automatically schedules preventive maintenance for electrical equipment based on usage hours and manufacturer recommendations, then dispatches technicians with proper materials and documentation. Reduces equipment downtime and extends asset lifespan through proactive maintenance.

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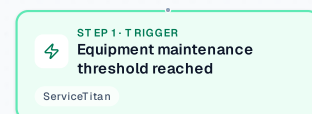
WORKFLOW TRIGGER

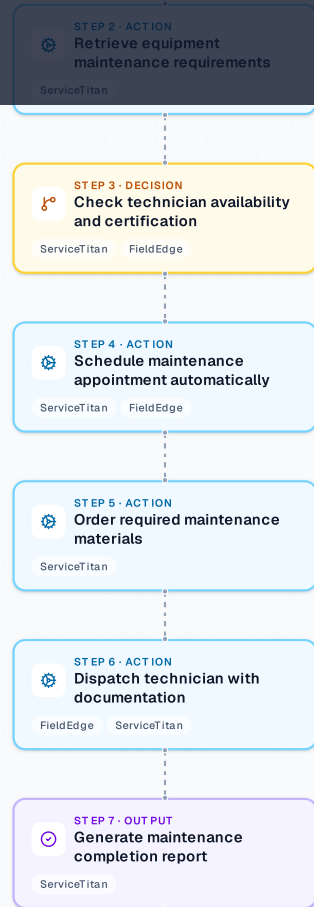


Equipment usage hours reach predetermined maintenance threshold or scheduled maintenance date arrives

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

Equipment maintenance threshold reached

Equipment monitoring system detects that usage hours or calendar date has reached the preset maintenance interval for electrical equipment.

2

 ACTION

Retrieve equipment maintenance requirements

System pulls manufacturer specifications, previous maintenance history, and required parts list for the specific equipment model.

ServiceTitan

3

 DECISION

Check technician availability and certification

System evaluates if certified technicians are available within the maintenance window and if they have required electrical licenses for the equipment type.

ServiceTitan FieldEdge

4

 ACTION

Schedule maintenance appointment automatically

Creates maintenance work order with optimal technician assignment and schedules appointment during equipment downtime window.

ServiceTitan FieldEdge

5

Order required maintenance materials

Automatically generates purchase orders for replacement parts, testing equipment, and consumables needed for the maintenance procedure.

ServiceTitan

6

 ACTION

Dispatch technician with documentation

Sends work order, equipment manuals, safety protocols, and material delivery details to assigned technician's mobile device.

FieldEdge

ServiceTitan

7

 OUT PUT

Generate maintenance completion report

Creates detailed maintenance record with test results, replaced components, and next scheduled maintenance date for equipment history tracking.

ServiceTitan



Outputs

AI Business OS

- Scheduled maintenance work orders
- Automated material purchase orders
- Technician dispatch notifications
- Equipment maintenance history updates



Key Metrics

- Equipment uptime percentage
- Preventive maintenance completion rate
- Maintenance cost per equipment unit



Tools & Integrations

- ServiceTitan
- FieldEdge

AI Business OS

Actionable AI implementation strategies for business leaders ready to transform their operations.

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