

Fire system inspections and testing

Automates fire system inspections and testing by scheduling technicians, capturing inspection data, and generating compliance reports. Ensures life safety systems meet regulatory requirements while reducing manual paperwork and compliance gaps.

Download PDF

Get Your Blueprint

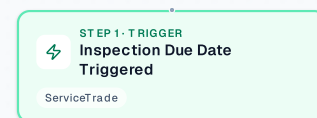


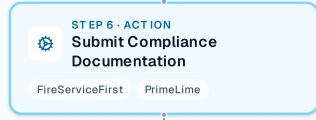
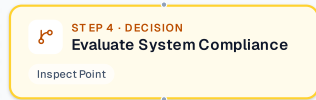
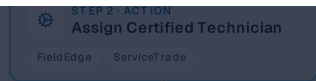
WORKFLOW TRIGGER

Scheduled inspection date arrives or emergency inspection request is submitted

Visual Flow

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





+
-
☐

Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Inspection Due Date Triggered

System detects scheduled inspection date or receives emergency inspection request for fire protection equipment. Automatically initiates the inspection workflow process.

2

 ACTION

Assign Certified Technician

System automatically assigns qualified technician based on certification level, location proximity, and current workload. Sends dispatch notification with site details and equipment information.

FieldEdge

ServiceTrade

3

 ACTION

Execute Mobile Inspection

Technician performs on-site inspection using mobile app with pre-loaded checklists and equipment specifications. Records test results, photos, and any deficiencies found.

Inspect Point

FireServiceFirst

4

 DECISION

Evaluate System Compliance

System analyzes inspection data to determine if fire protection equipment passes or fails compliance standards. Routes workflow based on test results and deficiency severity.

Inspect Point

5

 ACTION

Generate Work Orders

For failed inspections, system automatically creates work orders for repairs and schedules follow-up visits. Prioritizes critical safety issues and notifies relevant stakeholders.

ServiceTrade

FieldEdge

6

 ACTION

Submit Compliance Documentation

System generates official inspection reports and compliance certificates. Automatically submits required documentation to local fire authorities and building management.

FireServiceFirst

PrimeLime

7

 OUTPUT

Deliver Final Reports

Comprehensive inspection reports with compliance status, photos, and next inspection dates are delivered to customers. Updates equipment maintenance history and schedules future inspections.

ServiceTrade

Frontsteps



Outputs

- Compliance inspection reports

AI Business OS

- Equipment maintenance records
- Automated work orders for repairs



Key Metrics

- Inspection completion rate
- Compliance pass/fail ratio
- Average response time to critical deficiencies



Tools & Integrations

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

AI Business OS

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

COMPANY

[About](#)

[Industries](#)

CONNECT

[MVP.dev](#)

[LinkedIn](#)

RESOURCES

[Articles](#)