

Guard patrol scheduling and route optimization

This workflow automatically generates optimized patrol schedules for security guards based on site requirements, threat assessments, and available personnel. It reduces manual scheduling time by 75% while ensuring complete coverage of high-risk areas.

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Get Your Blueprint

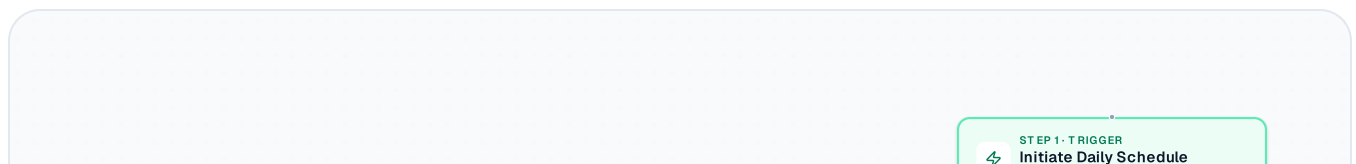
WORKFLOW TRIGGER

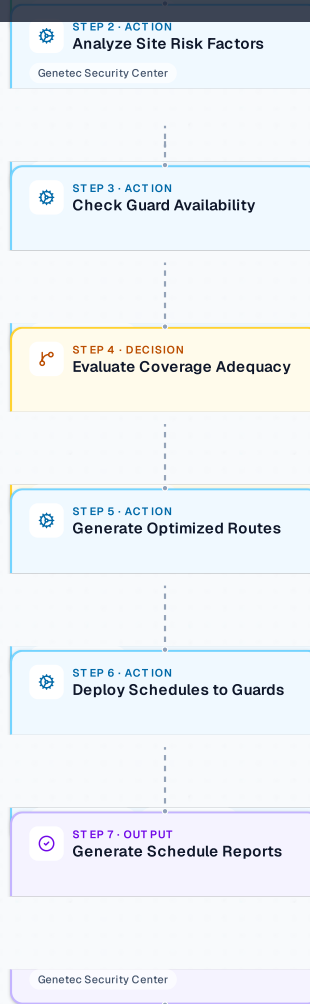


Daily patrol schedule generation request is initiated at 6:00 PM for next day operations

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

Initiate Daily Schedule Generation

Automated trigger activates daily at 6:00 PM to begin creating next day's patrol schedules. System pulls base requirements and available guard roster.

Genetec Security Center

2

 ACTION

Analyze Site Risk Factors

System evaluates recent incident reports, threat intelligence, and environmental factors to determine priority zones. High-risk areas receive increased patrol frequency.

Genetec Security Center

Avigilon Control Center

3

 ACTION

Check Guard Availability

Retrieves current guard schedules, certifications, and availability from personnel management system. Matches qualified guards to specific site requirements.

AMAG Symmetry

4

 DECISION

Evaluate Coverage Adequacy

Determines if available personnel can meet minimum coverage requirements for all priority zones. Routes to manual intervention if gaps exist.

Genetec Security Center

5

Generate Optimized Routes

Creates efficient patrol routes using shortest-path algorithms while ensuring proper zone coverage timing. Accounts for walking distances and checkpoint requirements.

Lenel OnGuard

6

ACTION

Deploy Schedules to Guards

Automatically distributes patrol assignments to guard mobile devices and updates access control systems. Includes route maps and checkpoint verification requirements.

AMAG Symmetry

Lenel OnGuard

7

OUTPUT

Generate Schedule Reports

Produces detailed patrol schedules, coverage heat maps, and deployment summaries for supervisors and clients. Includes backup guard assignments and contingency plans.

Genetec Security Center



Outputs

- Optimized patrol schedules with routes
- Guard deployment assignments
- Coverage analysis reports
- Client schedule summaries



Key Metrics

- Schedule generation time
- Zone coverage percentage
- Guard utilization rate



Tools & Integrations

- Genetec Security Center
- Avigilon Control Center
- AMAG Symmetry
- Lenel OnGuard

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