

Facility climate control and environmental monitoring

Automatically monitors facility environmental conditions and adjusts climate control systems to protect stored items while minimizing energy costs. Prevents damage to customer belongings and reduces operational expenses through intelligent HVAC management.

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WORKFLOW TRIGGER



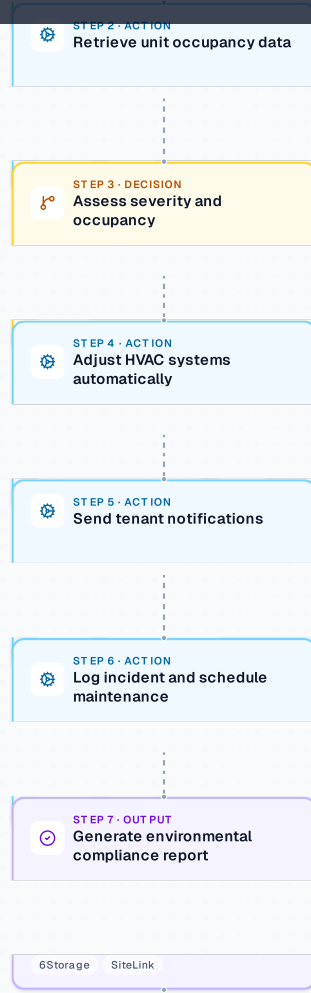
Environmental sensor detects temperature or humidity readings outside preset thresholds in storage units.

Visual Flow

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



breach detected



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Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Environmental threshold breach detected

IoT sensors detect temperature, humidity, or air quality readings that exceed safe storage parameters in specific units or zones. Real-time alerts are generated with exact readings and location data.

SiteLink

Environmental Sensors

2

 ACTION

Retrieve unit occupancy data

System pulls current occupancy status, unit types, and tenant contact information for affected storage areas. Identifies climate-sensitive storage units that require priority attention.

StorEDGE

SiteLink

3

 DECISION

Assess severity and occupancy

Workflow evaluates if readings pose immediate risk to stored items and checks if affected units contain tenant belongings. Determines appropriate response level based on severity and occupancy status.

StorEDGE

4

 ACTION

Adjust HVAC systems automatically

Climate control systems receive automated commands to modify temperature, humidity, or ventilation settings. System logs all adjustments and energy consumption changes for tracking.

Building Management System

SiteLink

5

Send tenant notifications

Affected tenants receive automated alerts about environmental conditions and protective measures being taken. Messages include reassurance about item protection and facility response actions.

StorEDGE

SMS/Email Gateway

6

ACTION

Log incident and schedule maintenance

System records environmental event details, response actions, and creates maintenance tickets if equipment issues are detected. Generates compliance reports for insurance and regulatory requirements.

6Storage

SiteLink

7

OUTPUT

Generate environmental compliance report

Comprehensive report documenting the incident, automated responses, tenant communications, and resolution status. Includes energy usage data and equipment performance metrics for facility management review.

6Storage

SiteLink



Outputs

- Automated HVAC adjustments
- Tenant notification messages
- Environmental compliance report
- Maintenance work orders



Key Metrics

- Environmental compliance rate
- Energy cost reduction percentage
- Tenant satisfaction with facility conditions



Tools & Integrations

- SiteLink
- Environmental Sensors
- StorEDGE
- Building Management System
- SMS/Email Gateway
- 6Storage

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