

Detect, dispatch, verify.

Skyello orchestrates physical agents — drones, inspectors, and autonomous systems — routing the right resource to the right location with the right mission based on what was detected, what regulation applies, and what evidence is needed.

Compliance software shouldn't stop at the screen.

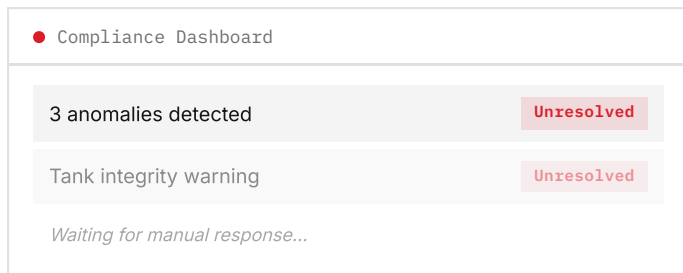
Every compliance platform on the market does the same thing — it gives you a dashboard showing what's out of compliance and leaves the response to you. Someone has to read the alert, figure out who's available, decide what needs to happen, dispatch the right person or system, and hope the resulting evidence meets the regulatory standard.

That handoff between detection and response is where compliance programs fail. The gap isn't in knowing what's wrong. It's in closing the loop between knowing and verifying.

Skyello eliminates that gap. When the platform detects an issue — through satellite monitoring, sensor thresholds, scheduled inspection cycles, or AI analysis — it doesn't generate a notification and wait. It evaluates the detection against the regulatory context, determines what type of verification is required, identifies the best available physical agent, generates a mission with specific objectives and evidence requirements, and dispatches it.

The loop closes automatically, and every step is documented with full regulatory traceability.

EVERY OTHER PLATFORM



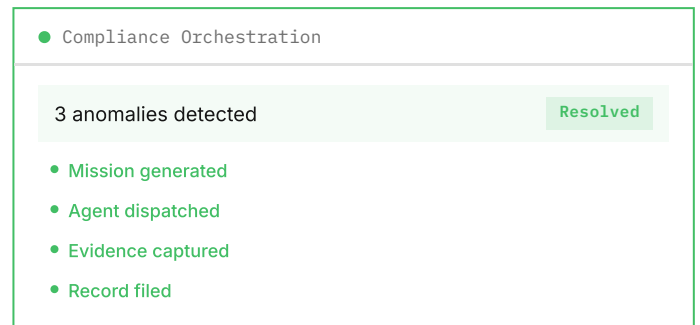
● Compliance Dashboard

3 anomalies detected **Unresolved**

Tank integrity warning **Unresolved**

Waiting for manual response...

SKYELLO



● Compliance Orchestration

3 anomalies detected **Resolved**

- Mission generated
- Agent dispatched
- Evidence captured
- Record filed

One orchestration layer for every type of agent.

01

Drones

Skyello generates and dispatches drone missions automatically. Each mission includes GPS coordinates, flight parameters, sensor configuration, and the regulatory obligation it satisfies.

| | |
|--|-------------------------|
| Drone Mission | DISPATCHED |
| Source | Satellite Detection |
| Location | 31.9686° N, 102.0779° W |
| Sensors | RGB · Thermal · LiDAR |
| Priority | CRITICAL |
| <p>● Dispatch —● Transit —● Verify —● Report</p> | |
| ETA: 14 min | DRN-482 120m |

02

Inspectors

Human inspectors are dispatched through the same orchestration layer. Skyello routes assignments with specific checklists, evidence requirements, and regulatory context.

| | |
|--------------------|--|
| Inspection Mission | INS-207 |
| Location | Tank Farm 3 · Bay 12 |
| Regulation | 40 CFR 63.655(b) |
| Evidence | <input checked="" type="checkbox"/> Visual inspection of seal <input checked="" type="checkbox"/> OGI camera scan (60s) <input type="checkbox"/> Photo documentation <input type="checkbox"/> Digital signature |
| GPS Active | Offline Ready |

03

Autonomous systems

As robotic inspection platforms become operational, Skyello's orchestration layer extends to any system that can receive a mission, travel to a location, capture data, and return results. The platform is agent-agnostic — the dispatch logic, evidence requirements, and compliance record generation work the same whether the agent is a drone, a human, or a robot.

| | | | |
|--|--------------------|----------------|---------------|
| Autonomous Patrol — ROB-031 | IN PROGRESS | | |
| <p>WP-01 — WP-02 — WP-03 — WP-04 — WP-05</p> | | | |
| <p>● Visual ● Thermal ● Gas ● LiDAR</p> | | | |
| Battery | Distance | Speed | ETA |
| 78% | 1.2 km | 0.8 m/s | 22 min |

How dispatch decisions are made.

When a detection event occurs, the platform evaluates four variables to determine the appropriate response.

01

Regulatory context

What regulation governs the asset where the detection occurred, and what type of evidence does that regulation require? Some obligations can be satisfied by remote sensing. Others require visual inspection by a qualified person.

02

Severity and urgency

Is this a critical finding requiring immediate response, a routine verification that can be scheduled, or an anomaly that needs confirmation before escalation? The platform classifies and prioritizes accordingly.

03

Agent availability

Which physical agents are available, qualified for the mission type, and within operational range? The platform maintains real-time awareness of agent status, location, capabilities, and certifications.

04

Operational constraints

Weather limitations, airspace restrictions, permit boundaries, active operations, or safety exclusion zones. Dispatch logic accounts for operational reality, not just regulatory requirement.

01 Regulatory Context

| | |
|------------------|--------------------|
| Citation | 40 CFR 60.18(c)(2) |
| Evidence Type | Thermal + visual |
| Qualified Person | Not required |

02 Severity & Urgency

- CRITICAL** Immediate response
- ROUTINE** Schedule in window
- ANOMALY** Confirm first

03 Agent Availability

- **DRN-482** Available **OPTIMAL**
- **DRN-519** In Mission
- **INS-207** Available

04 Operational Constraints

- ✓ Weather — Clear, 8 mph
- ✓ Airspace — Unrestricted
- ⚠ **Blasting zone 500m NE**
- ✓ Safety zone — Clear

The compliance record is generated automatically.

Every physical agent mission produces a standardized compliance record — generated as the mission is executed, not assembled after the fact.

| Compliance Record | | R-9103 |
|-----------------------|---|--------|
| Detection Event | Satellite thermal anomaly — Tank 4-A, Sector NW | |
| Regulatory Obligation | 40 CFR 60.18(c)(2) — Flare monitoring | |
| Agent | DRN-482 · Matrice 3TD · FAA Part 107 | |
| Evidence Captured | RGB: 4K · Thermal: FLIR XT2 · GPS: 31.9686° N | |
| Determination | COMPLIANT Flare within parameters | |
| Citation Chain | D-4471 → 40 CFR 60.18 → M-2847 → R-9103 | |

Generated automatically. Tamper-proof. Audit-ready.

END TO END

From detection to documented resolution.

| | | | | | |
|--|---|--|--|---|---|
| 01 Detect Satellite, sensor, or scheduled cycle identifies an anomaly. | 02 Evaluate Platform matches finding to the governing regulation. | 03 Select Dispatch logic identifies the optimal agent. | 04 Dispatch Mission generated with GPS, parameters, and context. | 05 Capture Agent captures imagery, thermal data, or readings. | 06 Record Compliance record with full citation chain. |
|--|---|--|--|---|---|

See how Skyello orchestrates physical agents across your operation.

[Request a demo →](#)

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