PRODUCT DEEP-DIVE

Sage Live™.

The audit trail builds itself.

Sage Live™ is the cloud-connected monitoring layer that ships standard on every Sage cabinet. Monthly and annual NFPA self-tests run unattended and log themselves. Faults push by email in real time. Service teams visit one fixture, not the whole building. By the time the AHJ asks for the audit trail, it's already a PDF.

0 WALK-THROUGHS REQUIRED	12 + 1 TESTS / YEAR, AUTOMATED
Per-fixture FAULT PRECISION	Cloud ACCESS

WHAT IT IS

Cloud monitoring on every cabinet, by default.

Every Sage central-battery cabinet ships with a cloud-connected diagnostics package built into the controller. The cabinet runs the NFPA self-test cycle on its own — monthly 30-second checks plus the annual 90-minute full-burn — and writes every result, every battery-voltage reading, every charger event, and every fault into a date-stamped log. The cabinet pushes faults by email the moment they happen and surfaces the full audit trail through the Sage Live™ web dashboard.

Nothing additional to install. Nothing to license. No third-party building-automation tier required. The dashboard is a browser away from anyone with access — the FM team, the service contractor, the building owner, the consulting engineer on the next project.

For multi-site operators — REITs, healthcare networks, hospitality, education systems — Sage Live™ rolls every cabinet across the portfolio into a single fleet view. Status, faults, and test history for every building, on one screen.

THE AUDIT TRAIL

Twelve monthly tests. One annual full-burn. Logged the moment they run.

NFPA 101 §7.9 requires monthly 30-second function tests and an annual 90-minute full-burn on every emergency lighting unit. For per-fixture battery-pack systems, that's thirteen compliance events per fixture per year, traditionally tracked on paper. Sage runs the entire cadence from inside the cabinet.

MONTHLY

30-second self-test

Cabinet de-energizes the AC side for 30 seconds, confirms emergency-fixture transfer + lumen output, logs the result with timestamp + per-fixture status. No walk-through. No clipboard.

ANNUAL

90-minute full-burn

Scheduled in advance; runs unattended on the scheduled date. Discharge curve logged minute-by-minute. End-of-life batteries flag themselves out of the curve.

CONTINUOUS

Charger + fixture health

Battery voltage, charge current, load condition, panel temperature, fixture circuit status — all streaming into the log between tests. A drift becomes a fault before it becomes a failure.

PER-FIXTURE FAULT DETECTION

Service teams visit one fixture. Not the whole building.

When a Sage fixture fails — driver loss, relay fault, end-of-life battery in the cabinet — the cabinet identifies the fixture by its address on the emergency circuit and emails the FM team immediately. The notification contains the fixture location, the circuit, the cabinet, and a fault code.

Compare to the integral-battery-pack flow: nobody knows a fixture has failed until either (a) the monthly walk-through catches it weeks later, or (b) an occupant notices a dark fixture during egress. Either way, the next step is a ladder-and-multimeter visit to localize the problem.

Sage's direct-to-fixture diagnosis collapses a multi-hour service call to a single visit, often on

the same day the fault occurred. Across a portfolio of 500+ emergency fixtures, that's the difference between a maintenance program that feels manageable and one that owns the calendar.

THE COMPLIANCE BURDEN, COMPARED

Paper-and-pen. Or Sage Live™.

Side-by-side, what an FM team actually does each year under each architecture. The compliance work doesn't go away — Sage just makes the cabinet do it.

TASK	PER-FIXTURE BATTERY PACKS	SAGE LIVE™
NFPA MONTHLY 30-SECOND TEST	Walk every fixture · press the test button · note the result on a clipboard	Cabinet runs the test unattended. Result logged with timestamp. AHJ-ready.
NFPA ANNUAL 90-MINUTE FULL-BURN	Schedule, coordinate tenant disruption, walk every fixture again to verify	Cabinet runs the full-burn unattended on the scheduled date. Discharge curve logged.
FAULT DETECTION	Fixture goes dark · someone notices · trouble ticket · diagnosis	Email arrives the moment the fault triggers — fixture address included.
AUDIT TRAIL FOR THE AHJ	Paper binder, monthly entries, annual sheets, hopefully consistent ink	Sage Live™ dashboard. PDF export. Date-stamped from the cabinet itself.
BATTERY END-OF-LIFE	294 fixtures × 5-year cycle = constant rolling replacement calendar	Cabinet flags batteries that are drifting. Schedule one replacement window for the building.

TASK	PER-FIXTURE BATTERY PACKS	SAGE LIVE™
MULTI-BUILDING VISIBILITY	Multiply everything above by the number of buildings	One dashboard. Every Sage cabinet in the portfolio. Status, faults, history.

FLEET VIEW

One dashboard. Every cabinet in the portfolio.

For owners and operators with more than one building, Sage Live™ rolls up to a fleet view. Drill from portfolio → building → cabinet → circuit → fixture without leaving the browser. Faults bubble up to the portfolio level so a regional FM lead sees an issue across any property the moment it happens.

HEALTHCARE NETWORKS

System-level audit posture

Joint Commission readiness across every campus, in one log. End annual emergency-lighting-binder reconciliation cycles forever.

REITS · HOSPITALITY

Portfolio compliance on autopilot

Property-management teams stop tracking emergency-lighting paperwork per building and start watching one dashboard for exceptions.

EDUCATION · GOVERNMENT

Public-accountability ready

Test history, fault history, replacement history — all exportable. Audit-ready the moment the request comes in.

HOW IT FITS THE SYSTEM

Built into the cabinet. Surfaces every relay and fixture underneath.

Sage Live™ is the monitoring layer of the Sage system — it doesn't install separately. Sage Central Battery cabinets ship with the controller, the diagnostics, the cloud connection. The Local Circuit Monitor (Olympus) reports branch health upward; each Sage Relay reports its host-fixture status. The dashboard shows the system as it is, in real time.

No additional gateway. No third-party building-automation integration required (though optional BMS integration on Volta is available for facilities that want it). The architecture is closed-loop on the emergency side and open-loop on the visibility side — exactly how monitoring should work.