ECPS | Emergency Communication Path Supervision

Know the status of your elevator emergency communication path before an emergency.

An elevator emergency phone depends on more than the device itself. Network connectivity, SIP infrastructure, and configured answering endpoints must be available when assistance is needed. ECPS is designed to identify certain communication-path faults proactively, rather than relying exclusively on periodic manual testing.

01 Designed to detect trouble earlier

Configurable supervision

Periodic SIP OPTIONS checks of configured servers and endpoints.

Redundant routing awareness

Visibility into primary, secondary, and supported local peer-to-peer paths.

Actionable fault indication

Trouble status, relay outputs, and diagnostic event logs for maintenance personnel.

Deployment flexibility

Applicable to on-premises SIP architectures, with optional alternate network paths where supported.

02 Value across the organization

Building owners	Earlier awareness of communication faults and improved maintenance visibility.
Elevator service teams	More targeted diagnostics and documented fault history.
Transit and facilities teams	A consistent supervision approach across multiple elevators.
IT and network teams	Better distinction between network, registration, and endpoint reachability issues.
Inspectors and AHJs	Supplemental diagnostic records alongside required functional testing.

03 A practical complement to functional testing

ECPS does not replace elevator emergency-phone inspections, live call testing, or applicable ASME A17.1 / CSA B44 requirements. A successful SIP OPTIONS response indicates signaling reachability; it does not by itself prove that a call will connect, audio will work, or a responder will answer.

THE BOTTOM LINE

The objective: Identify communication faults sooner, provide useful evidence to service teams, and improve emergency-call readiness.

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