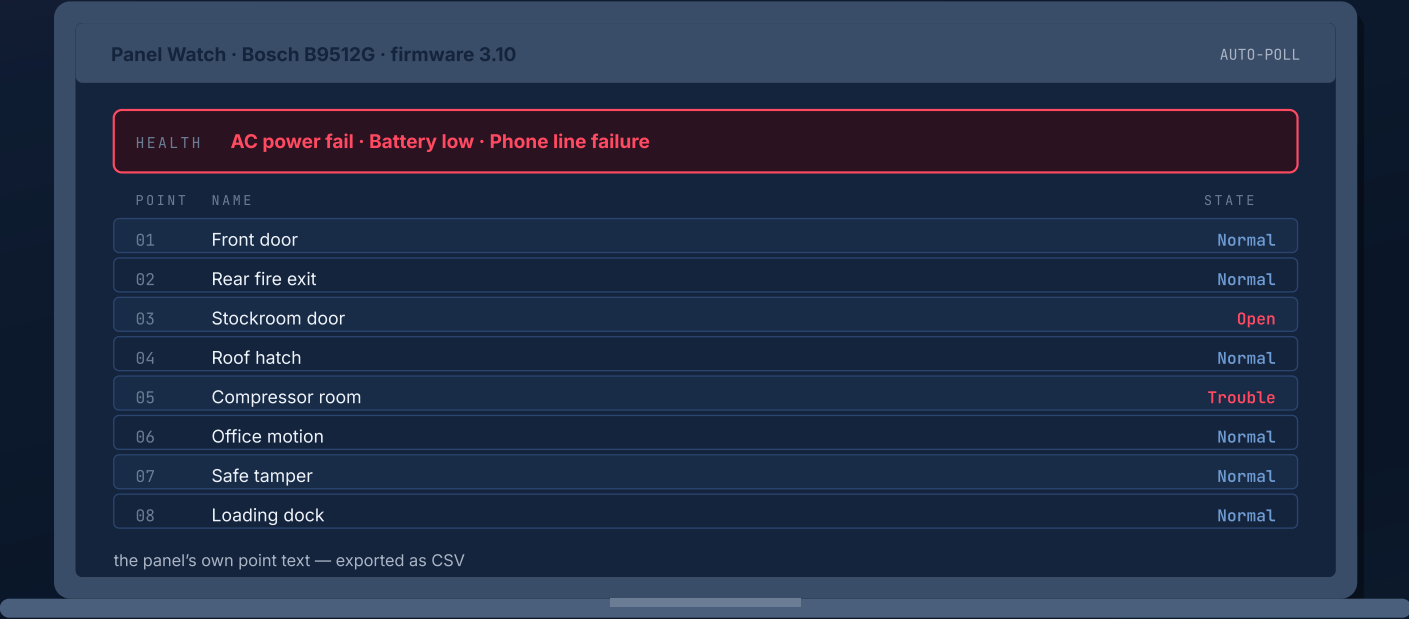


BOSCH B / G-SERIES INTRUSION

Panel Watch. Read the panel from a desk — Knight Watch

See what the panel is reporting, without standing in front of it.



The panel is holding the answer. This is what it says when you ask it.

Not battery fault — battery low, and battery missing, reported separately. Not just that the bus is faulted — SDI bus or point bus. Every condition the panel currently has set, in the protocol's own words.

A ZONE NUMBER, AND A DECISION TO MAKE

You are told which zone. **Not whether it is still faulted.**

The signal says what happened at 02:14. By eight, somebody has to decide whether to send a van — and nothing at their desk has told them what the panel looks like now.

WHAT YOU ARE TOLD

SITE 0412

TROUBLE · ZONE 05

02:14

A zone number, at a moment.

Is it still true? What is zone 05 actually called? What is the rest of the panel doing?

one event, hours ago

AND IF SOMEBODY WALKS TO THE KEYPAD

COMPRESSOR RM

05 · TROUBLE

The name is there — on the wall.

The keypad does show the panel's own text for the point.
What it will not do is travel.

a person in the building, at that keypad

WHAT IT SAYS WHEN YOU ASK IT

● Point 05 — Compressor room — Trouble

● Point 03 — Stockroom door — Open

● AC power fail

● Battery low

● Phone line failure

● Firmware 3.10 · B9512G

as of right now — not as of 02:14

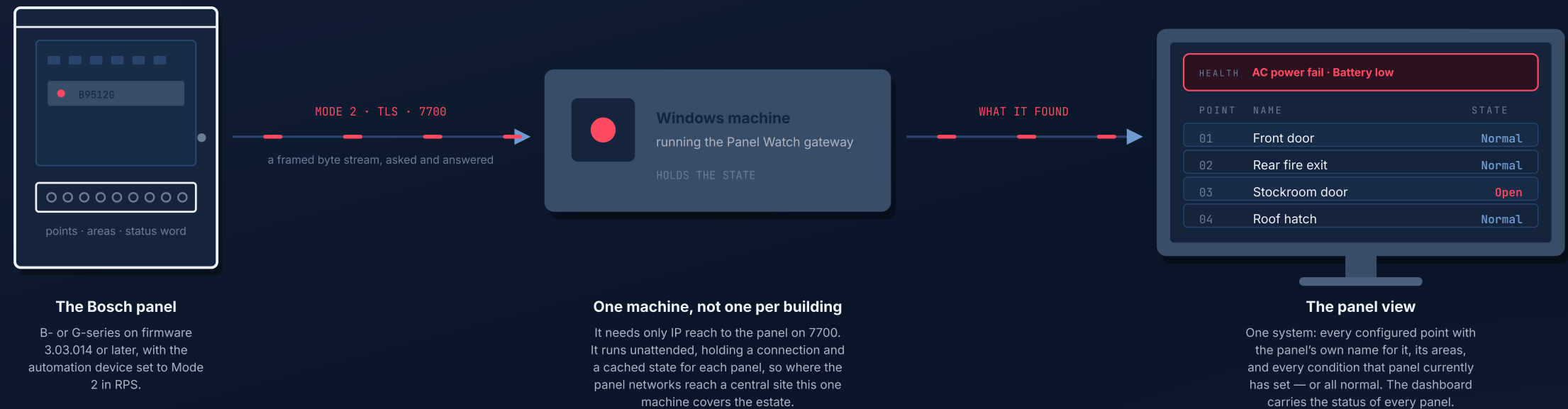
The system is the source of truth, and it is telling the truth to an empty room.

The signal is one event. The keypad is live — when the trouble clears, it clears there — but it is on a wall in the building. What is missing is that same live answer at the desk that decides.

ONE MACHINE, ONE PROTOCOL

Read directly over Bosch's own Mode 2 automation protocol.

Nothing on the panel is internet-facing, and no inbound rule is opened at the site.



The gateway holds the state. The dashboard is a client of it.

It polls each panel and caches what it finds, so a client reads the current state without waiting on a panel — and every client reads the same answer.

Needs the automation device set to Mode 2 in RPS with an automation passcode, on firmware 3.03.014 or later. TLS with certificate pinning; the passcode is never logged.

AND WHAT IT DOES NOT

Everything it can see, and everything it cannot.

■ EVERY CONFIGURED POINT

Read from the panel, named by the panel.

- Normal
- Open
- Trouble

Trouble means short or missing – the protocol tells those apart and Panel Watch shows both as Trouble. Supervised resistor states read as Normal. The panel can also be asked for just the points that are not normal.

■ ON DEMAND, OR ON AN INTERVAL

Refresh when you want it, or leave it polling.

- Manual refresh
- Auto-poll
- CSV export of the point list

It polls: refresh on demand, or leave auto-poll running on a set interval while you watch. The point list on screen saves out as CSV.

■ THE CONDITION, NOT THE CATEGORY

Every fault currently set, worst first — or all normal.

- AC power fail
- Battery missing
- Battery low
- Communication fail

Phone line failure, SDI bus fail, point bus fail, user code tamper and parameter CRC fail are reported the same way. Battery missing and battery low are different problems, and it says which.

■ IT WATCHES, AND IT NEVER TELLS

The most important line on this board.

- No alerting
- No notification
- No escalation
- Receives no alarms

It runs unattended and keeps a current state for every panel, so the answer is already there when somebody asks. What it never does is reach outward: nobody is paged, nothing is emailed, no ticket is raised. Your central station keeps doing exactly what it does.

■ WHAT IS ACTUALLY INSTALLED

Identity from the same status response.

- Firmware version and revision
- Panel model

So a fleet answer to what is at that site, on what firmware, does not depend on the asset register being right.

■ WHAT IT CANNOT TELL YOU

Named here rather than found later.

- What happened last night
- Which area is in alarm
- Which module on the bus
- Cellular signal and diagnostics

Mode 2 exposes the panel's event log; this does not read it today, and that is the next thing we would add. A dedicated alarm summary is not built either, and a bus fault says there is one, not which.

THE PANEL, THE MACHINE, THE LIMITS

Bosch B- and G-series, on firmware 3.03.014 or later.

Firmware 3.03.014

OR LATER, AUTOMATION DEVICE IN MODE 2

The gate everything else on this board sits behind. A panel that meets it can be read; a panel that does not, cannot. What it takes, end to end:

- Bosch B-series and G-series — no other manufacturer
- Automation device set to Mode 2 in RPS, with an automation passcode
- IP reach to each panel on port 7700
- TLS with certificate pinning, and nothing port-forwarded
- One Windows machine with the .NET 8 desktop runtime
- That one machine covers the estate wherever the panel networks are reachable from a central site
- A machine at the site only where its network is an island

These are preconditions, not preferences. The automation passcode is set in RPS alongside the Mode 2 setting, and Panel Watch never writes it to a log. A panel below 3.03.014 cannot be read at all.

FITS

Estates running Bosch intrusion panels across more than one building, where whoever is responsible for them is not in the building with them.

MANY PANELS, NOT
ONE AT A TIME

A panel view is one system — its points by the panel's own name for them, its areas, and every condition it has set. The dashboard is every panel: each one's current state on one screen, faulted and unreachable called out, so an estate is something you look at rather than a sequence of site visits.

WHERE IT EARNS
ITS PLACE

At one panel, or ten, opening them one at a time is fine. Somewhere past fifty or a hundred it stops being a way to run an estate: the question becomes which sites are faulted right now, and which cannot be reached at all. A screen carrying every panel's current state answers that in one look. Opening four hundred panels one by one does not.

SUPPORT

Business hours as standard, with an optional premium tier. Coverage is set by the executed support addendum.



IN ONE LINE

Panel Watch runs unattended, polling Bosch B- and G-series intrusion panels over their own Mode 2 automation protocol and holding the current state of each — every configured point by the panel's own name for it, and every condition it has set. The dashboard reads that state and shows every panel at once. It alerts nobody.