

SAFETY

Safety, seen in the moment.

People first: gear, routes and headcount,
understood in the zone.



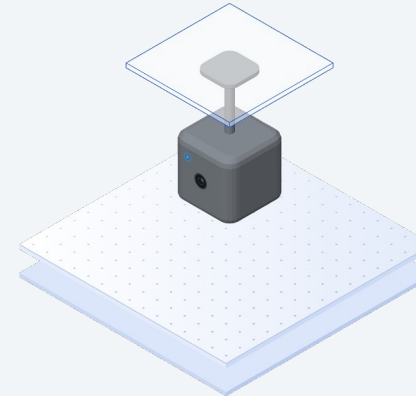
WHAT THIS IS

Pulses.ai is a UAE-born Physical Intelligence company: AI that understands your physical world.

For sites and venues: risks get noticed too late.

The Operating System for the Physical World

HOW IT WORKS



SEE

Pulses Vision above every zone entrance

UNDERSTAND

Gear, walkways and headcount, understood

ACT

Each miss reaches your team

THE PROBLEM

A missed helmet. A blocked exit.

Each zone has a rule. The rule lives on paper.

The helmet left at the door.

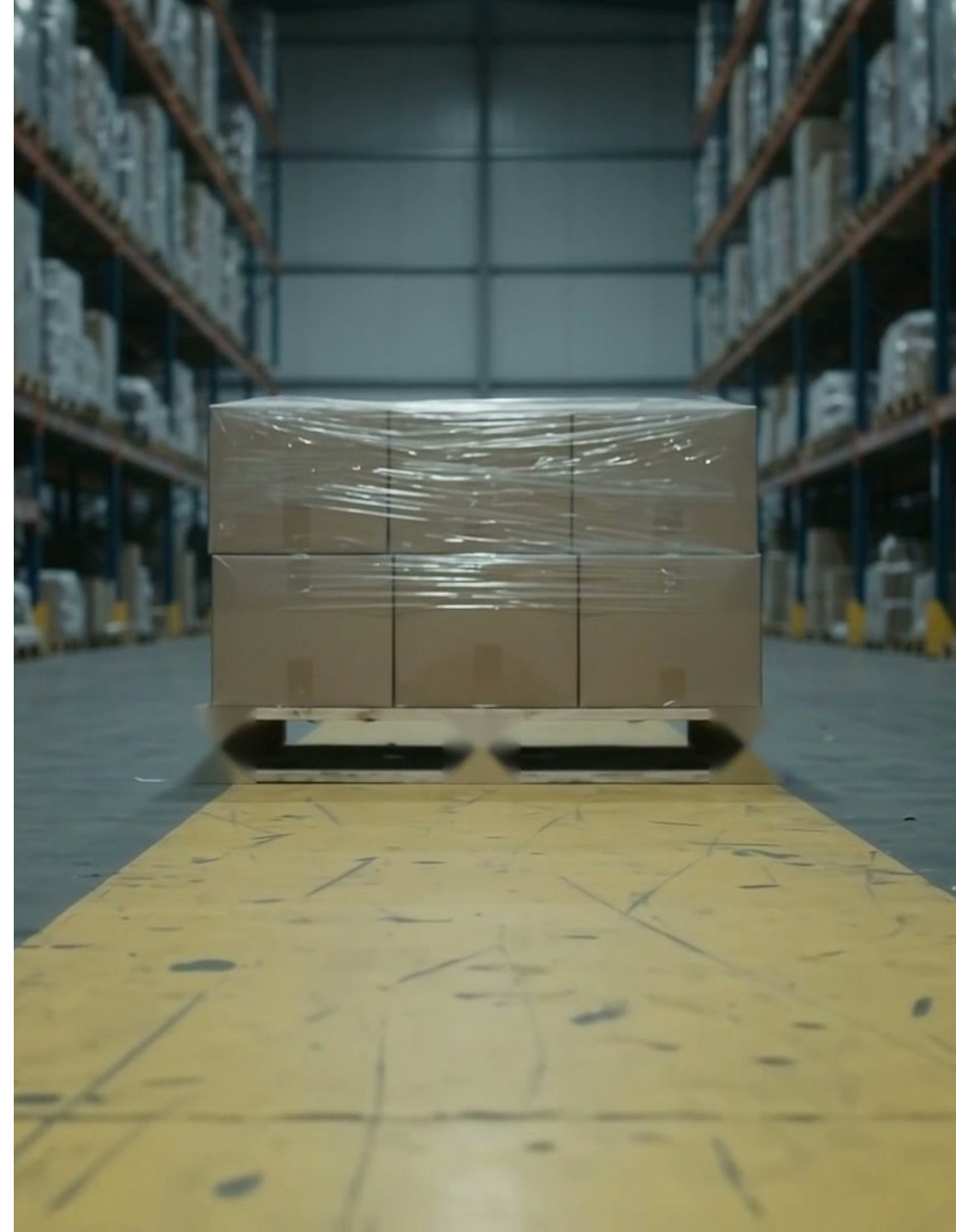
Someone walks in without gear. It turns up in a walk-round.

The route that filled up.

A pallet blocks a fire route until someone happens to pass.

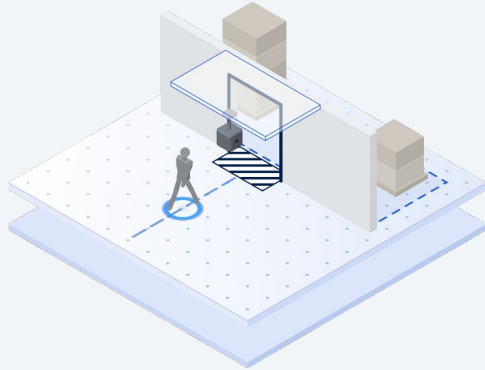
The hall past its limit.

Full is a guess until each zone is counted.



HOW IT WORKS

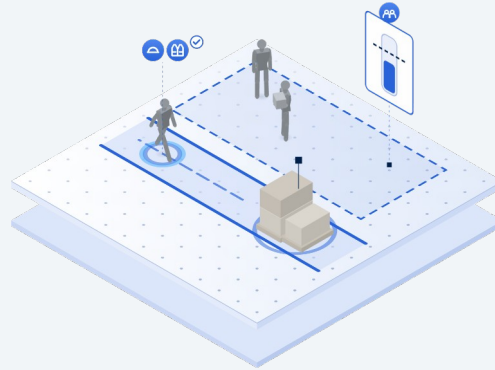
From the zone to a person.



01

Gear on before the zone

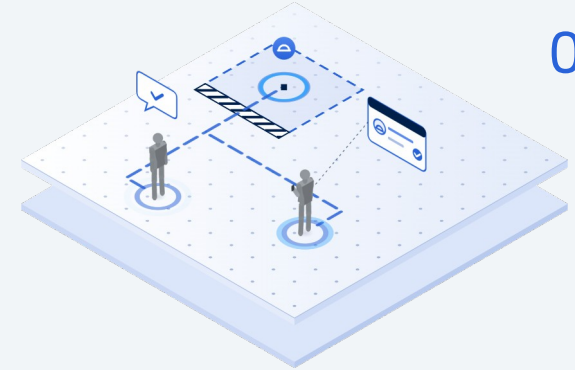
Helmet and hi-vis checked at the boundary. Each miss scored, logged and escalated.



02

Routes and headcount

Walkways and fire routes flagged when obstructed. Each zone's occupancy, against its safe limit.



03

Each breach, owned

Each breach logged with its timestamped clip. Assigned until it is closed.

ACROSS THE SITE

Fence line to pool edge.

The perimeter at night

Unauthorised entry, loitering and unattended objects on the fence line.

The pool edge

A child alone at the water's edge raises an alarm.

Evacuation door counts

How many people actually got out, door by door.

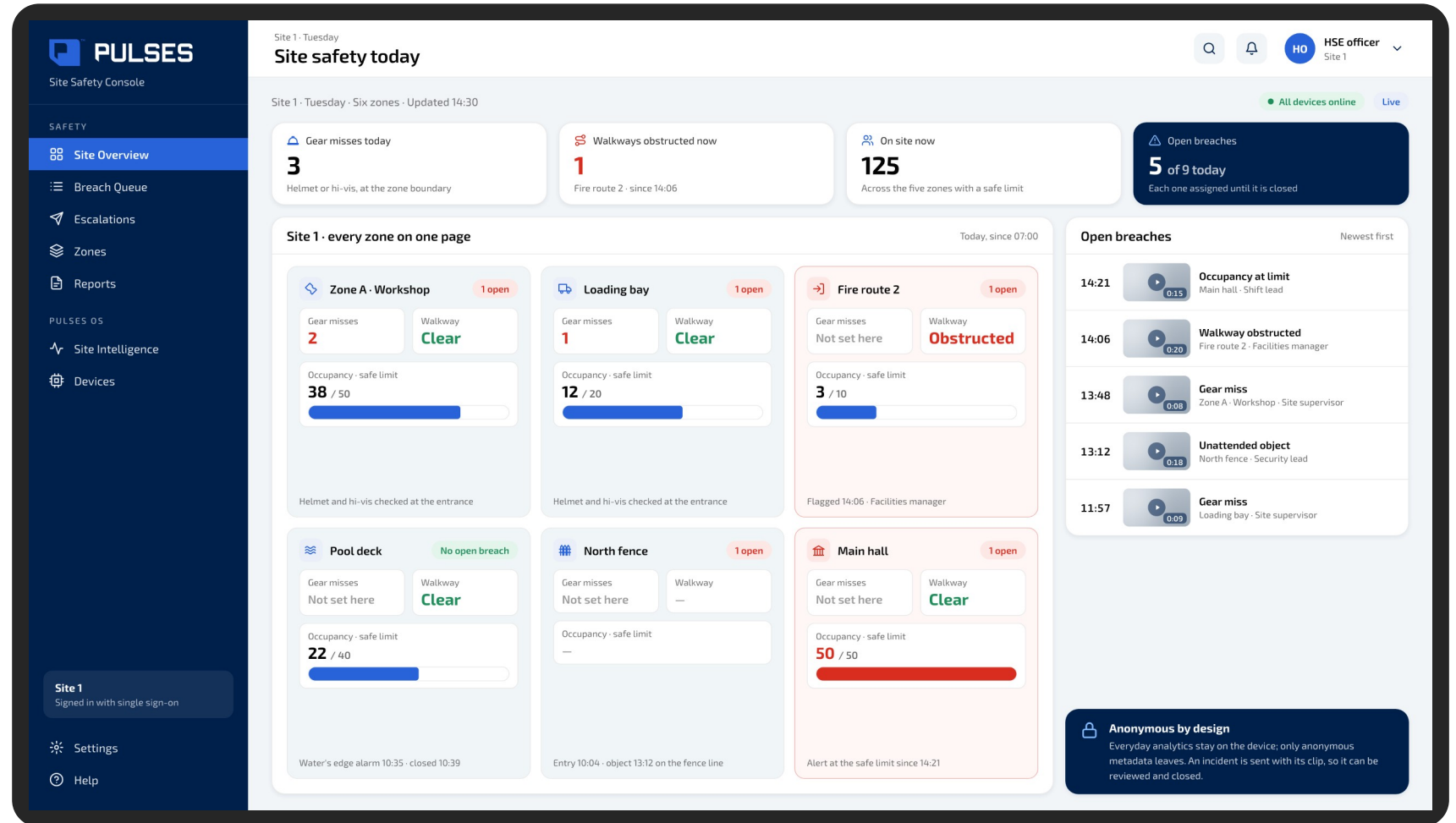
Alerts that reach a human

Escalations land on WhatsApp, Teams, SMS or email.

Site Overview

The site on one page.

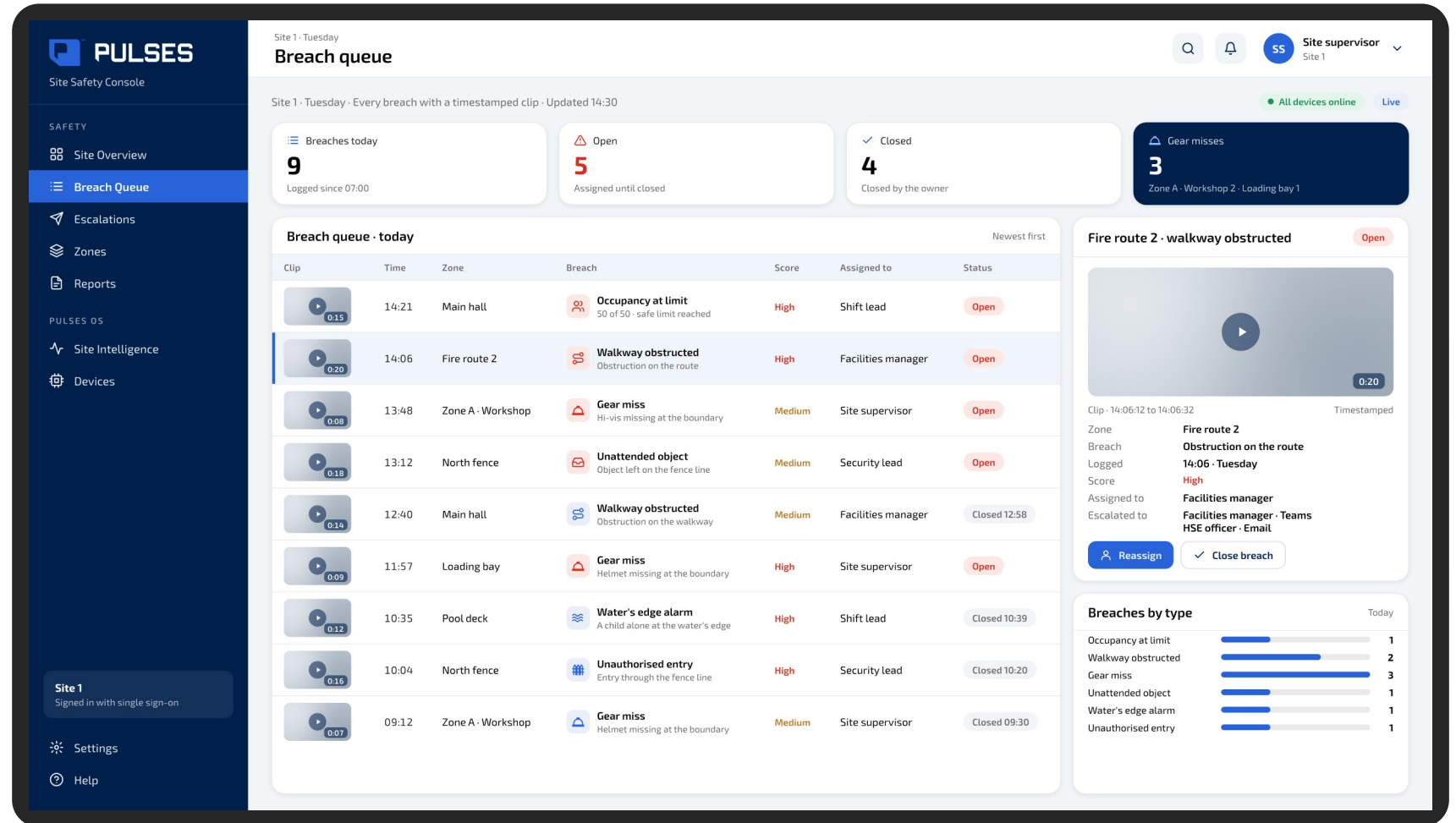
- Gear misses at each boundary
- Walkways obstructed now
- Occupancy against the safe limit
- Open breaches, each assigned



Every breach with its proof.

- Time, zone and owner role
- A timestamped clip per breach
- Assigned until it is closed

Everyday analytics stay on the device; only anonymous metadata leaves. An incident is sent with its clip, so it can be reviewed and closed.



The screenshot displays the PULSES Breach Queue interface. The left sidebar shows navigation options: SAFETY (Site Overview, Breach Queue, Escalations, Zones, Reports) and PULSES OS (Site Intelligence, Devices). The main content area is titled 'Breach queue' and shows a list of breaches for 'Site 1 - Tuesday'. The list includes columns for Clip, Time, Zone, Breach, Score, Assigned to, and Status. A summary at the top indicates 9 breaches today, 5 open, and 4 closed. A detailed view of a breach 'Fire route 2 - walkway obstructed' is shown on the right, including a timestamped clip and a list of breaches by type.

Clip	Time	Zone	Breach	Score	Assigned to	Status
0:15	14:21	Main hall	Occupancy at limit 50 of 50 - safe limit reached	High	Shift lead	Open
0:20	14:06	Fire route 2	Walkway obstructed Obstruction on the route	High	Facilities manager	Open
0:08	13:48	Zone A - Workshop	Gear miss Hi-vis missing at the boundary	Medium	Site supervisor	Open
0:18	13:12	North fence	Unattended object Object left on the fence line	Medium	Security lead	Open
0:14	12:40	Main hall	Walkway obstructed Obstruction on the walkway	Medium	Facilities manager	Closed 12:58
0:09	11:57	Loading bay	Gear miss Helmet missing at the boundary	High	Site supervisor	Open
0:12	10:35	Pool deck	Water's edge alarm A child alone at the water's edge	High	Shift lead	Closed 10:39
0:16	10:04	North fence	Unauthorised entry Entry through the fence line	High	Security lead	Closed 10:20
0:07	09:12	Zone A - Workshop	Gear miss Helmet missing at the boundary	Medium	Site supervisor	Closed 09:30

Breach queue - today (Newest first)

Fire route 2 - walkway obstructed (Open)

Clip: 14:06:12 to 14:06:32 (Timestamped)

Zone: Fire route 2
Breach: Obstruction on the route
Logged: 14:06 - Tuesday
Score: High
Assigned to: Facilities manager
Escalated to: Facilities manager - Teams, HSE officer - Email

Buttons: Reassign, Close breach

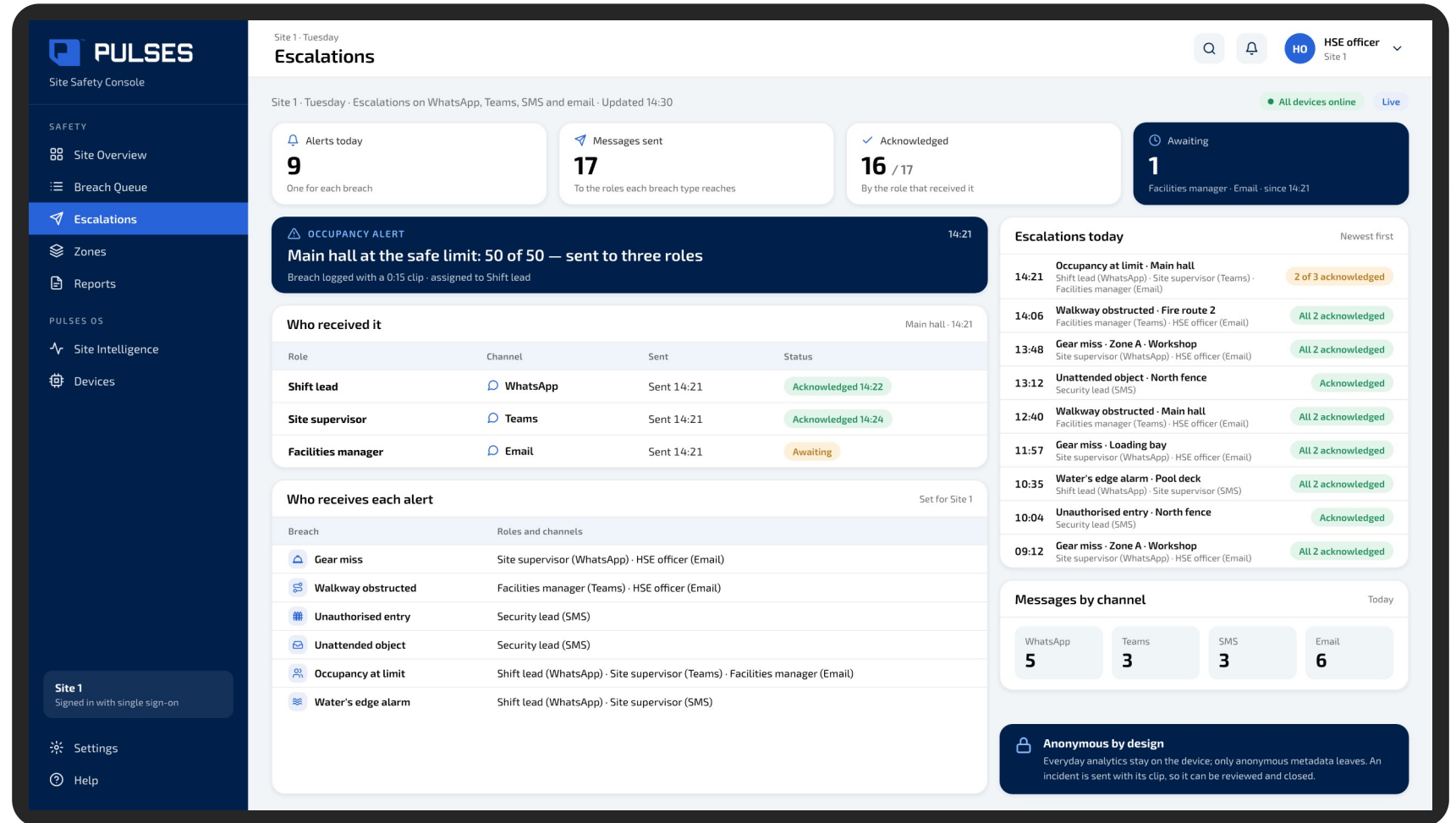
Breaches by type (Today)

Breach Type	Count
Occupancy at limit	1
Walkway obstructed	2
Gear miss	3
Unattended object	1
Water's edge alarm	1
Unauthorised entry	1

Escalations

Alerts that reach a person.

- Which role got each alert
- WhatsApp, Teams, SMS or email
- When it was acknowledged



Site 1 - Tuesday

Escalations

Site 1 - Tuesday - Escalations on WhatsApp, Teams, SMS and email - Updated 14:30

Alerts today: **9** (One for each breach)

Messages sent: **17** (To the roles each breach type reaches)

Acknowledged: **16 / 17** (By the role that received it)

Awaiting: **1** (Facilities manager - Email - since 14:21)

All devices online Live

OCCUPANCY ALERT 14:21
Main hall at the safe limit: 50 of 50 — sent to three roles
Breach logged with a 0:15 clip - assigned to Shift lead

Who received it Main hall - 14:21

Role	Channel	Sent	Status
Shift lead	WhatsApp	Sent 14:21	Acknowledged 14:22
Site supervisor	Teams	Sent 14:21	Acknowledged 14:24
Facilities manager	Email	Sent 14:21	Awaiting

Who receives each alert Set for Site 1

Breach	Roles and channels
Gear miss	Site supervisor (WhatsApp) - HSE officer (Email)
Walkway obstructed	Facilities manager (Teams) - HSE officer (Email)
Unauthorised entry	Security lead (SMS)
Unattended object	Security lead (SMS)
Occupancy at limit	Shift lead (WhatsApp) - Site supervisor (Teams) - Facilities manager (Email)
Water's edge alarm	Shift lead (WhatsApp) - Site supervisor (SMS)

Escalations today Newest first

14:21	Occupancy at limit - Main hall Shift lead (WhatsApp) - Site supervisor (Teams) - Facilities manager (Email)	2 of 3 acknowledged
14:06	Walkway obstructed - Fire route 2 Facilities manager (Teams) - HSE officer (Email)	All 2 acknowledged
13:48	Gear miss - Zone A - Workshop Site supervisor (WhatsApp) - HSE officer (Email)	All 2 acknowledged
13:12	Unattended object - North fence Security lead (SMS)	Acknowledged
12:40	Walkway obstructed - Main hall Facilities manager (Teams) - HSE officer (Email)	All 2 acknowledged
11:57	Gear miss - Loading bay Site supervisor (WhatsApp) - HSE officer (Email)	All 2 acknowledged
10:35	Water's edge alarm - Pool deck Shift lead (WhatsApp) - Site supervisor (SMS)	All 2 acknowledged
10:04	Unauthorised entry - North fence Security lead (SMS)	Acknowledged
09:12	Gear miss - Zone A - Workshop Site supervisor (WhatsApp) - HSE officer (Email)	All 2 acknowledged

Messages by channel Today

WhatsApp	Teams	SMS	Email
5	3	3	6

Anonymous by design
Everyday analytics stay on the device; only anonymous metadata leaves. An incident is sent with its clip, so it can be reviewed and closed.

PROOF

150 million+

journeys counted across Pulses deployments

Anonymous platform total

NEXT STEP

Walk your site with us.

We walk through your site plan with you, zone by zone.

Book a walkthrough — pulses.ai/demo

The full showcase, with the film:
pulses.ai/use-cases/safety



Scan for the showcase

Built on

