StrikeLink

Lightning warning, delivered as software.

Government-backed NEA lightning data, a smart cloud engine and the phones your team already carries. No lightning sensor or mast to install, calibrate or service.

Software-first | Near-zero maintenance | IoT + AI powered

Powered by NEA lightning data



WHY STRIKELINK

Lightning protection that lives in the cloud, not on your roof.

Older warning systems put the intelligence in a box on site. StrikeLink moves it into software, so there is less to buy, less to break and almost nothing to maintain.

~176
lightning days a year in Singapore (MSE, Aug 2026)

0
lightning sensors or masts to install on site

3,351
workers reached by one alert in a live site group

THE OLD WAY · HARDWARE-HEAVY

- A lightning sensor and mast to install, calibrate and service
- A controller box with a SIM card — SMS can lag and plans expire
- Every site move means dismantling and re-installing hardware
- Faults often surface only when an alert is missed

THE STRIKELINK WAY · SOFTWARE-FIRST

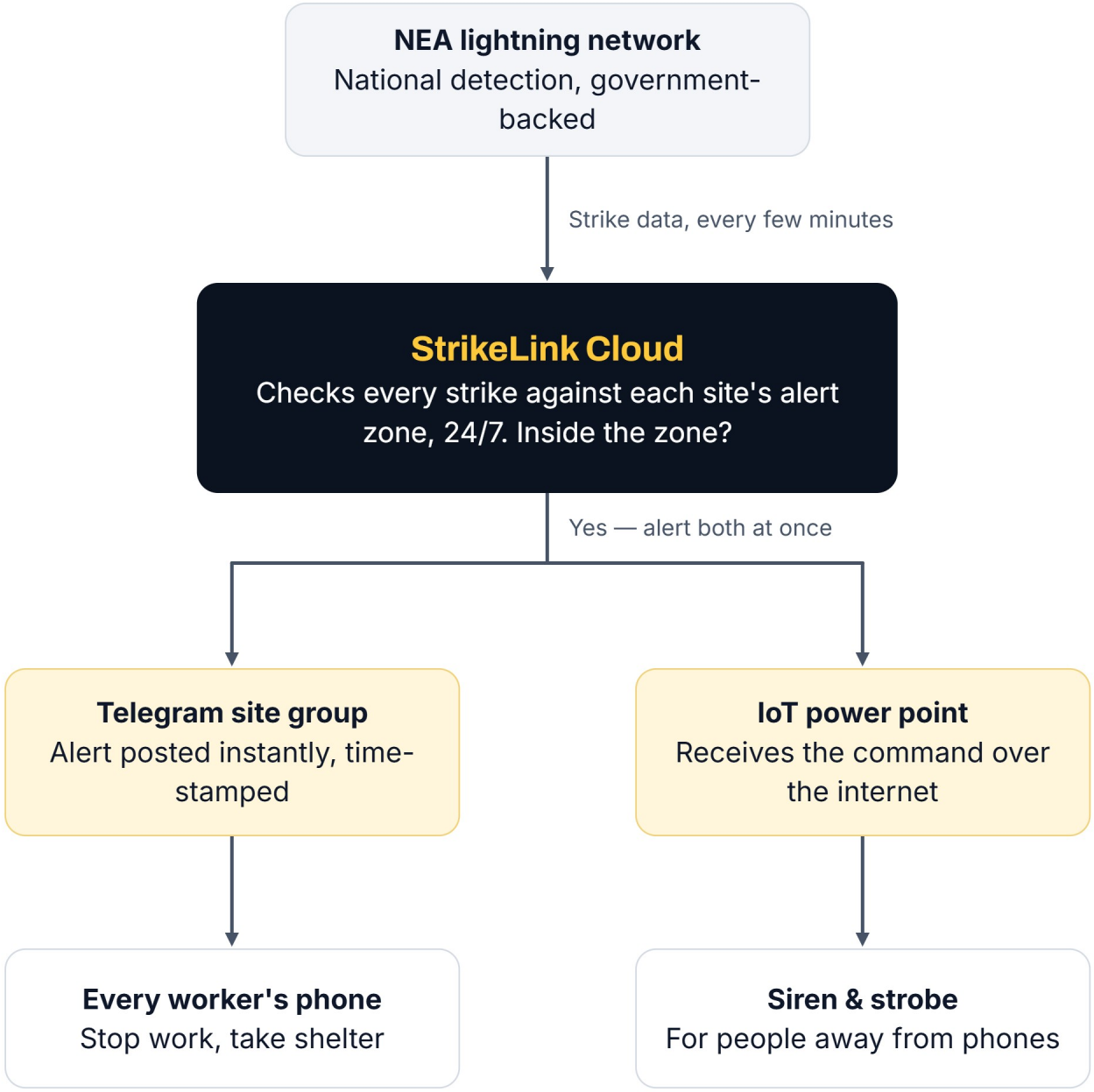
- Uses NEA's national lightning network — nothing to buy or calibrate
- A cloud engine decides and pushes alerts over the internet — SIM and SMS optional
- Telegram alerts reach every worker at no extra cost per person
- Updates arrive automatically — nothing to service on site

Software does the work. On site, the hardware is reduced to an optional plug-in IoT power point and a siren.

HOW IT WORKS

One lightning strike. Every phone on site — at the same time.

No sensor on your roof and nothing for site staff to set up. NEA detects the lightning; StrikeLink decides whether your site is at risk and warns everyone.



Alert zone per site
[8 km] radius by default, set in software

Automatic all-clear
After [30] min with no strikes, siren off

SMS option
SIM-card SMS alerts available alongside Telegram

THE PLATFORM

Software at the core. Hardware at the edge.

The intelligence sits in the StrikeLink cloud, so the system improves over time without anyone touching the site.

01
Geofenced alert zones
Each site is a point on the map with its own radius. Add, move or retire a site in minutes, with no site visit.

02
Real-time cloud engine
Runs around the clock on cloud servers, checking every new NEA lightning record against all monitored sites.

03
Telegram-native alerts
Alerts post straight to the site group. No new app, no per-user licence, works on any phone.

04
Automatic all-clear
Tracks the storm and signals when it is safe to resume, so work restarts on time, not on guesswork.

05
Audit-ready records
Every alert and all-clear is time-stamped in the chat — a ready log for safety reports and audits.

06
AI-powered insights
AI summarises storm activity per site, such as monthly lightning exposure and weather downtime for safety meetings.

Cloud-hosted
No server or PC on your site

Centrally updated
Every site gets improvements at once

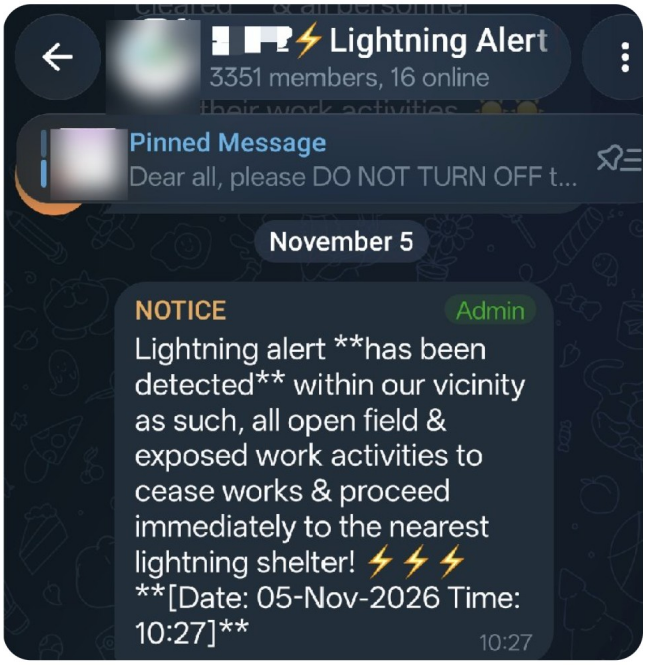
Scales by software
One site or fifty, same platform

ON SITE

The alert lands in every pocket.



No app, no training. Workers already on the site's Telegram group get the warning the moment a strike enters the alert zone.



A real alert. One message reached all 3,351 members of a live construction-site group.

THE ALERT CYCLE

14:32 · LIGHTNING ALERT

Lightning detected within [8 km] of [Site name]. Stop all exposed work and move to the nearest shelter now.

15:10 · ALL CLEAR

No lightning in the alert zone for [30] minutes. Work may resume.

Wording can be customised per site and language.

HARDWARE, MINIMISED

Two plug-in parts. That's the whole site kit.



IoT power point. Plugs into a standard SG 3-pin socket, connects to the site internet [Wi-Fi / 4G — confirm] and switches the siren on command.



Siren & strobe. Audible and visual warning for noisy zones, open fields and pools. Use ours or your existing unit.

WHAT YOU DON'T NEED

- ✕ Lightning sensor
- ✕ Detector mast
- ✕ On-site server or PC

Prefer SMS? A SIM-card controller option is still available for SMS alerts, though the internet-only setup is recommended.

Almost maintenance-free

Nothing to calibrate
Detection is done by NEA's national network, not a sensor you look after.

Updates from the cloud
New features and fixes roll out centrally, with no site visit.

Move in minutes
Unplug, move, update the site location in software. Done.

Remote test alerts
Run a test from the cloud to confirm phones and siren respond [confirm].

COMPARE

Less hardware. Fewer things to fail.

	Typical on-site detector system	StrikeLink
Detection	Own on-site sensor	**NEA national lightning network**
On-site hardware	Sensor, mast, controller, SIM, siren	**One IoT power point + siren**
Alert delivery	SMS from controller SIM	**Telegram groups; SIM/SMS optional**
Each extra worker	More SMS or receivers	**Free — join the group**
Maintenance	Calibration, SIM renewal, site visits	**Cloud-managed, almost none**
Moving site	Dismantle and re-install	**Unplug, move, update location**
Records	Controller logs, if retrieved	**Time-stamped automatically**

WHERE IT'S USED

Construction sites · Marine & port works · Shipyards · Schools & campuses · Swimming pools · Golf courses & parks · Outdoor events · Condo facilities

PROVEN ON SITE

Delivered on a marine construction project for [client name, with permission], meeting the client's strict safety requirements.

GET STARTED

Live on your site in three steps.

1

Tell us your sites

Site address or coordinates, and your Telegram group.

2

We set up the zone

We configure the alert zone and send the IoT power point.

3

Plug in and go live

Plug in the siren. A test alert confirms it all works.

SPECIFICATIONS

Data source **NEA lightning data (data.gov.sg)**	Alert channels **Telegram (recommended); SIM-based SMS optional**
Alert zone **[8 km] default, adjustable per site**	All-clear **[30] min after last strike in zone**
On-site device **IoT power point, SG 3-pin, [rating]**	Connectivity **Site internet [Wi-Fi / 4G — confirm]**
Siren & strobe **[Model, dB rating]**	Plans **[Monthly / annual subscription]**

Talk to us

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StrikeLink is an independent service by Inspiren Technology Pte Ltd and is not operated or endorsed by NEA. Lightning data source: National Environment Agency