KAIA-OR · USE-CASE BRIEF

Transport and infrastructure

See which disruptions and hazards touch your sites and routes, how well each is corroborated, and send the evidence into the tools your teams already use.

DOCUMENT ID	UCB-11-TRANSPORT-AND-INFRASTRUCTURE
VERSION	1.0
DATE	3 November 2026
AUDIENCE	Operations, security and resilience teams at transport and infrastructure operators

At a glance

Who it is for	Teams responsible for depots, stations, terminals and facilities, the routes between them, and the power and communications those sites depend on.
Outcome	Only the disruptions and hazards that touch your sites and routes, each with its corroboration status and why it matched, in one shared picture and in your own tools.
Package	KAIA-OR Enterprise or Government

The challenge

Transport and infrastructure operations depend on routes, hubs, power and communications spread across regions and often across borders. A disruption on one corridor, a storm over a hub or an outage that affects a facility can reach operations and people far from where it starts.

Information about these events arrives through many channels, in different formats and languages, and at different times. Teams spend valuable time working out which reports concern their network and how far to trust them. When a report is unclear, the people responsible still have to decide how to respond, often before anyone can say how well it is corroborated.

> The question is not whether something happened somewhere. It is whether it touches a site or route you are responsible for, and how sure you can be.

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What changes with KAIA-OR

Your sites and routes, one shared picture

Infrastructure disruptions, natural hazards and security incidents that touch a depot, station, facility or route appear on what they affect, with severity, corroboration status and why they matched. The people responsible for each site work from the same picture.

Corroboration you can act on

Each event shows its source, confidence and corroboration status, and how well independent sources corroborate it. Unconfirmed reports are labelled, so teams can tell a corroborated disruption from a single-source report.

Evidence in your own tools

Send events into your own tools through the API and webhooks, so the evidence reaches the systems your operations and resilience teams already use.

Ask Hey KAIA what it means for a site

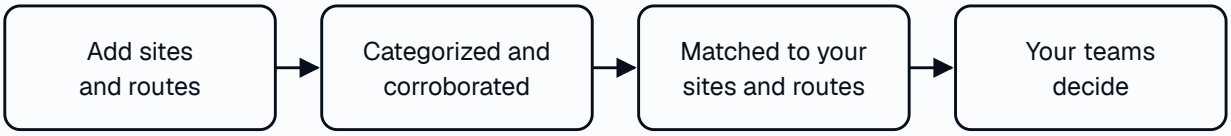
By voice or text, in English, French, Turkish or Hebrew. Answers cite their evidence and are checked against it before anyone sees them. On hazards, Hey KAIA relays the publisher's own guidance.

What you see

Item	What it shows
An event on a site or route	Category, severity, place, time window, confidence, source and corroboration status, and the reason it matched.
A disruption to power or communications	Which of your sites lie in the affected area, with corroboration status.
An event in your own tools	The same event and its evidence, delivered through the API and webhooks.
A Hey KAIA answer	What the event means for a site or route, with the evidence it rests on.

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How it works



A shared picture that starts with the sites and routes your organization is responsible for.

1. Your team adds its depots, stations, facilities and the routes between them to the organization's shared picture.
2. When official and authoritative sources publish a hazard, a security incident or an infrastructure disruption, KAIA-OR categorizes it and shows how well independent sources corroborate it.
3. When that event concerns one of your sites or routes, it appears on what it affects, with its severity, confidence and the reason it matched.
4. When a report is still unconfirmed, it is labelled, and the people responsible can decide how to respond while corroboration develops.
5. The same event reaches your own tools through the API and webhooks, and your teams follow your own procedures.

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Privacy and control

- The organization sees its sites and routes, not its people's whereabouts.
- Roles manage membership, not people. Membership never grants access to another member's messages, devices, location or saved places. These boundaries are enforced at the application layer.
- Each member's own places and trips stay on their own device, and each member gets their own alerts for them.
- Nothing goes to cloud AI unless each person agrees first, and only that person can give that consent.
- Single-use invitations, each bound to the invited person's account, and dated access reviews keep membership accountable.

Honest boundaries

- KAIA-OR shows events and evidence. It does not operate, control or reroute your network.
- It does not issue an all-clear for a site or a route.
- Coverage depends on what official and authoritative sources publish. Reports that cannot be corroborated are labelled as unconfirmed.
- On hazards, KAIA-OR relays the publisher's own guidance and never writes its own safety instructions.

Editions and related use cases

Transport and infrastructure is part of KAIA-OR Enterprise and Government. The shared picture is used by the people responsible for your sites, and each member keeps their own KAIA-OR. KAIA-OR runs on iOS, iPadOS, macOS, Android phones, Android TV, Windows and the web, in English, French (Canada), Turkish and Hebrew. One account works on every platform, with the same features and the same privacy rules.

Related use cases

- Sites and natural hazards
- Supply chain
- Emergency management

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Request early access

> Membership is by invitation. Request early access on the KAIA-OR website and choose the package that fits your organization. Enterprise and government teams can also choose Contact us on the KAIA-OR website.

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Capability availability depends on the edition and deployment. Capabilities are described as the committed KAIA-OR product scope.