

From Alerts to Answers: The Context Layer Behind Resilient Supply Chains

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!prewave



In a world where
disruption is the **new**
normal ...



A satellite image of the Persian Gulf region, showing the dark blue waters of the gulf, the surrounding desert landmasses in shades of tan and brown, and the Strait of Hormuz at the bottom. The image is used as a background for the text.

In a world where
disruption is the **new
normal** ...

... multiple industries
are facing increasing
pressure to **manage
their Resilience cost**

We support Renault group to **effectively manage supply chain risk** in a highly complex Just-in-Time setup

Renault Group

French automotive group of four brands (Renault, Dacia, Alpine, Mobilize):

- **2,500 Tier-1 + 40,000 Tier-N** suppliers across 87 countries
- **25 production sites** in 11 countries
- **12,000 vehicles** produced daily
- **22,000 destinations** in 130 countries

Main challenges

Globally distributed supply chain network

40k Tier-1 suppliers across 87 countries

High stakes just-in-time production

12k vehicles per day with only a few hours of stock at a plant

Ongoing transformation of the automotive industry

Deeper and more dispersed supply chains

Renault was looking for an autonomous **Business Continuity Control Tower**

1

See Earlier

Detect and anticipate risks in real time, across all tiers and geographies worldwide

2

Understand Faster

Instantly identify problems and assess business impacts on plants, vehicles, volumes, revenue, and customer lead times

3

Act More Precisely

Target mitigation actions toward the most critical suppliers to protect customer satisfaction, production, and financial performance

Our solution shortens Renault's **time-to-respond substantially**



Tier-N Mapping

Digital twin of Renault's supply chain using Prewave's Tier-N mapping capabilities



Risk Detection

Prewave's real-time monitoring detects risk signals across 4.5m global data points daily



Action

Cross-functional shared framework for interpreting weak signals and evaluating response plans



Risk Analysis

Automatic calculation of business impacts based on affected plants, vehicles, projected shortages, etc.

Our **proprietary AI** sits at the core of our solution

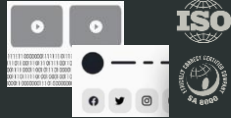
Unstructured, publicly-available data

4.5+ million data points per day

News & social,
Blogs
+400 languages



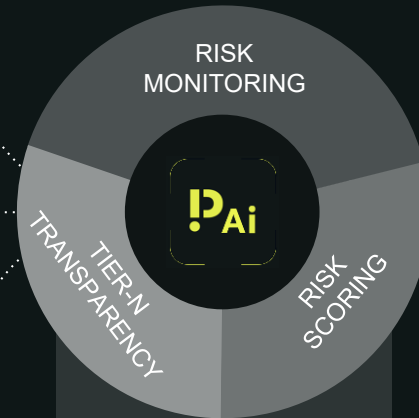
Websites,
Certifications,
Annual Reports



Gov't and NGO
Reports and
Data feeds



Customs,
Bill-of-lading data



12M training data points
40M training data labels for NLP models
10M+ user interactions on risk data

Proactive risk intelligence

RISK MONITORING

Actionable Alerts

RISK SCORING

2+ million assessed suppliers

TIER-N TRANSPARENCY

3+ million supplier relations

Already during the first 12 months, our solution created **significant business value for Renault Group**

50+

major crisis managed
within 12 months

70%

of incidents avoided
resulting in no impact

40%

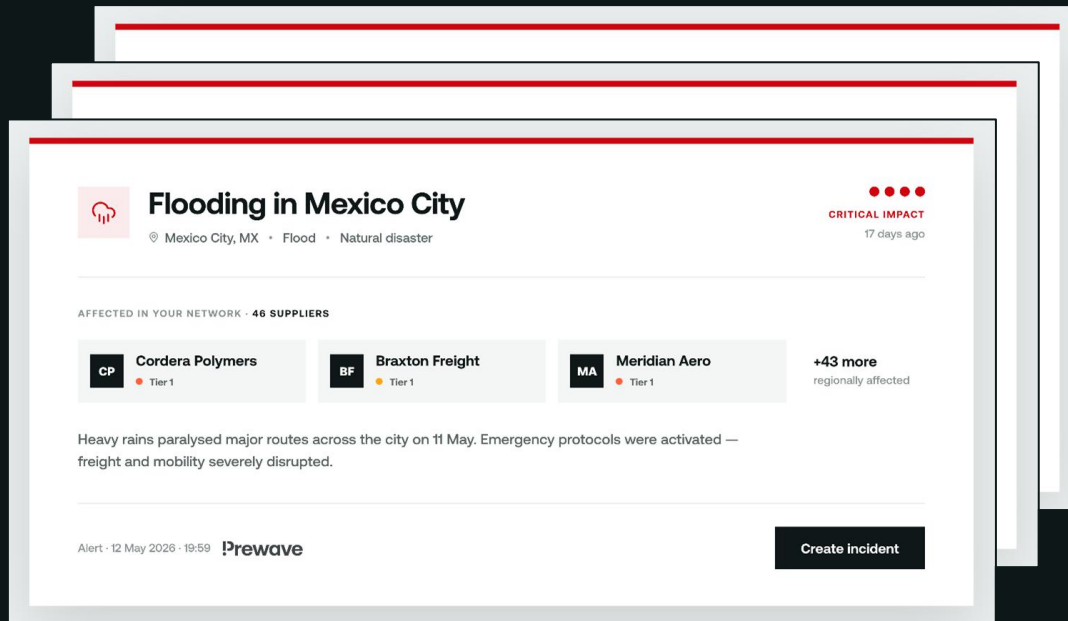
reduction in crisis
business impact

97%

of AI generated
signals end up being
irrelevant

In a world full of uncertainty,
signals quickly **turn into noise
and distraction**

Without the context, a **signal** turns into noise

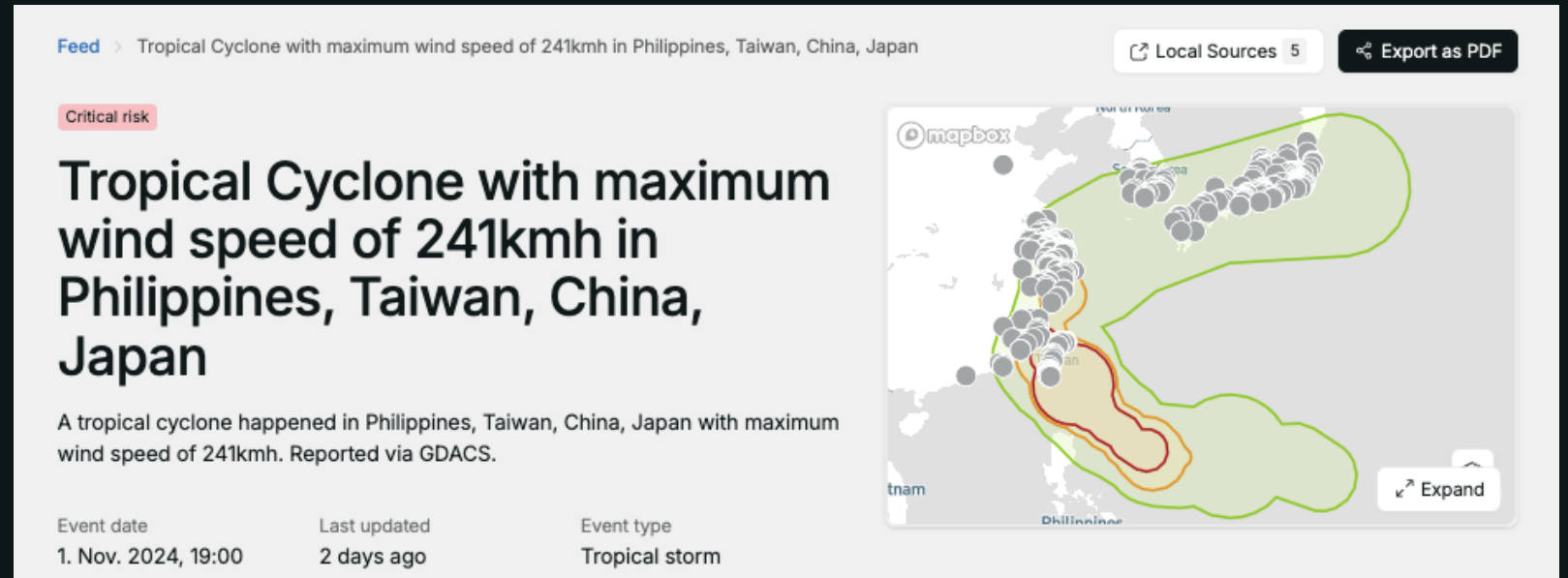


Which **products and suppliers** are really affected?

How **long** can I absorb the disruption?

What are my **mitigation options** and when should I act?

Global risk briefings
give our customers the
overview they **need on
a daily basis**



Understand in seconds:



Major disruptions
affecting your
industry

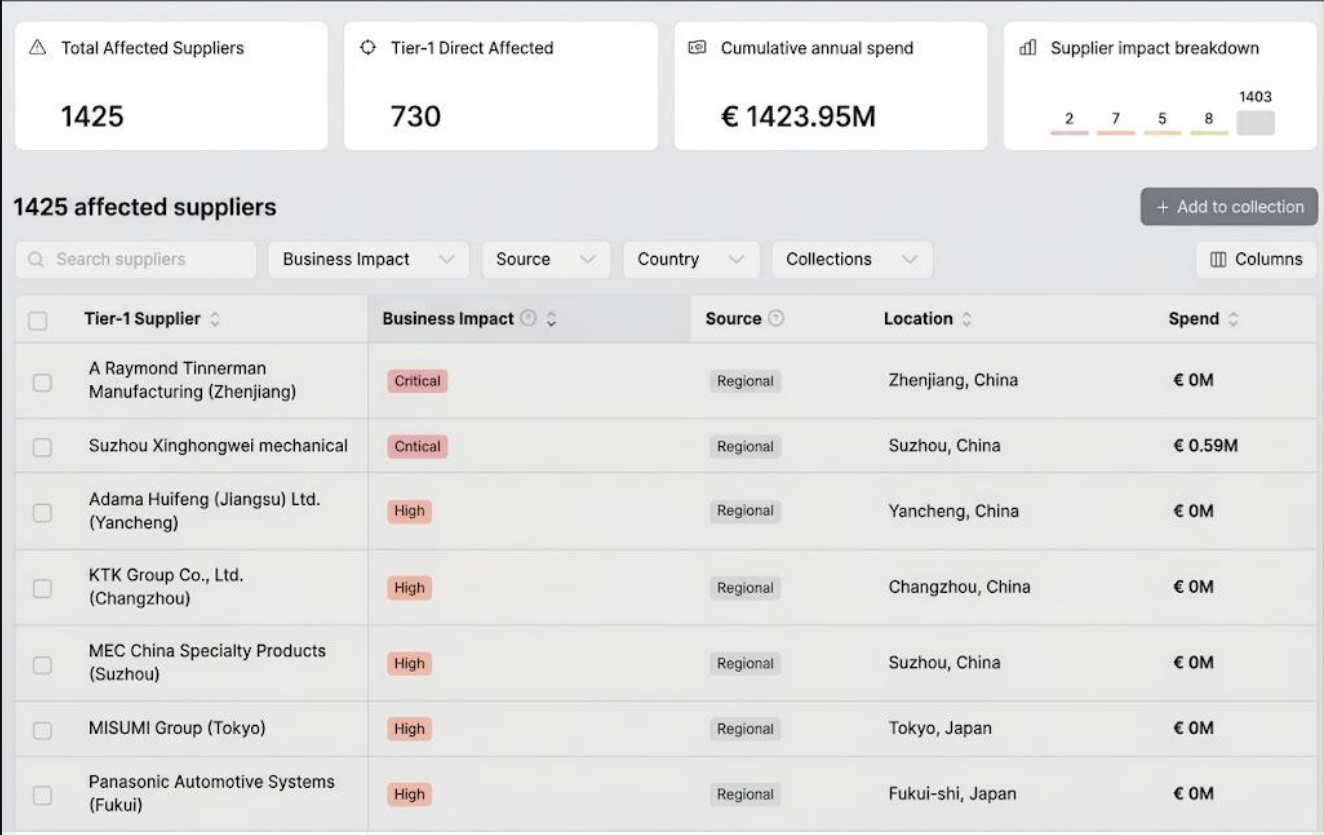


Daily updates to
the disruption



Potential ripple
effects

Rich context allows you to **separate real risk from just noise** – also beyond the surface of Tier-1



Event severity

Geographic scope

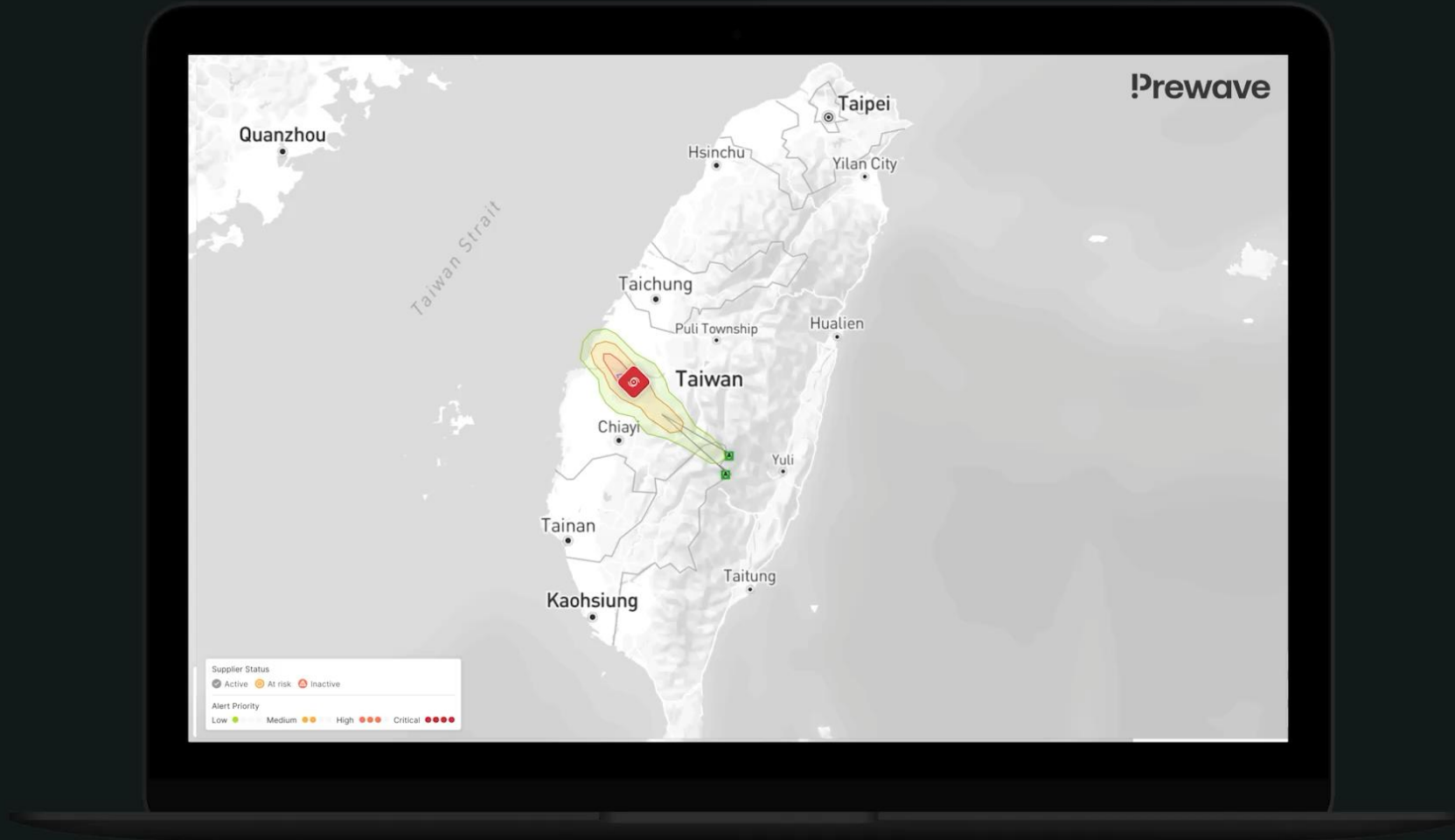
Expected duration

Industry impact

Internal context

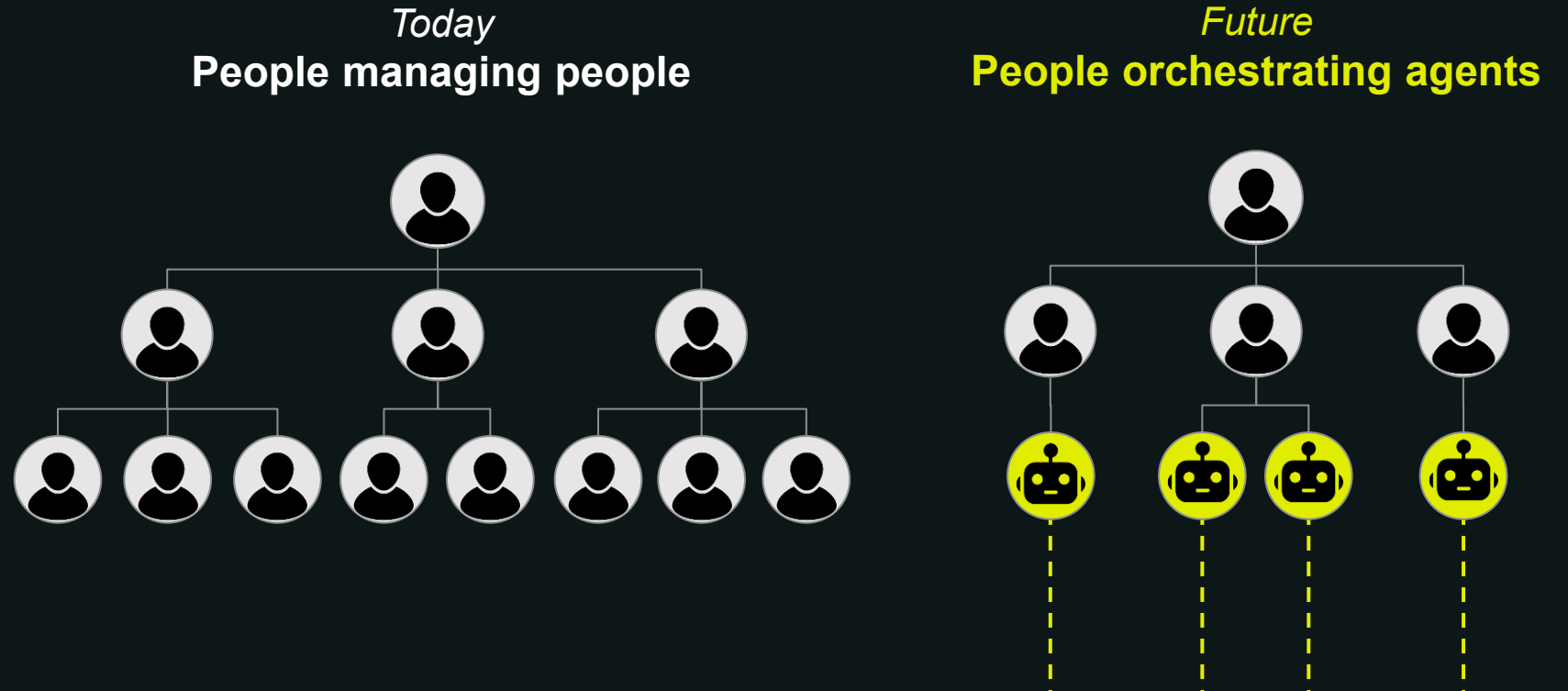
All adding up to your specific exposure

Our event page gives you valuable context around a **potential disruption in minutes**



By 2031, 60% of supply chain disruptions will be **resolved without human intervention**

But agents **need context and integrated data** too



Without **proper context and integrated data**, AI agents cannot operate and take decisions properly

Actively manage your
Resilience cost by
supercharging your **risk
intelligence with the right
contextual data**

Know when disruption happens through **global monitoring**

Differentiate **real risk from signals** based on rich data context

Allow **agents to mitigate** risk by providing the **context that they need**

!Protect your people.
!Protect your planet.
!Protect your profit.
!Prewave

Thank you and find us
at our booth

C12

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