Supply Chain Risk Management

THE INTELLIGENT WAY TO MANAGE RISK

Fundamentally changes the competitive landscape

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A perfect storm

JIT/JIS, demand volatility

Lean production, lower inventory buffers

ISO 9001:2015

Regulatory requirements, norms & standards

Dependence on multi-tier supply networks

Climate Change

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Enterprises in the eye of the storm

Supplier plant on fire: Peugeot SUV release delayed by 2 month

Port worker strike: McDonalds Japan lost 10% in revenue

Cracker explosion: Ethylene price increased by 18%

Reputational incidents cause 2.8% shareholder value loss on average

Flooding: Emerson Electric lost 23% profit

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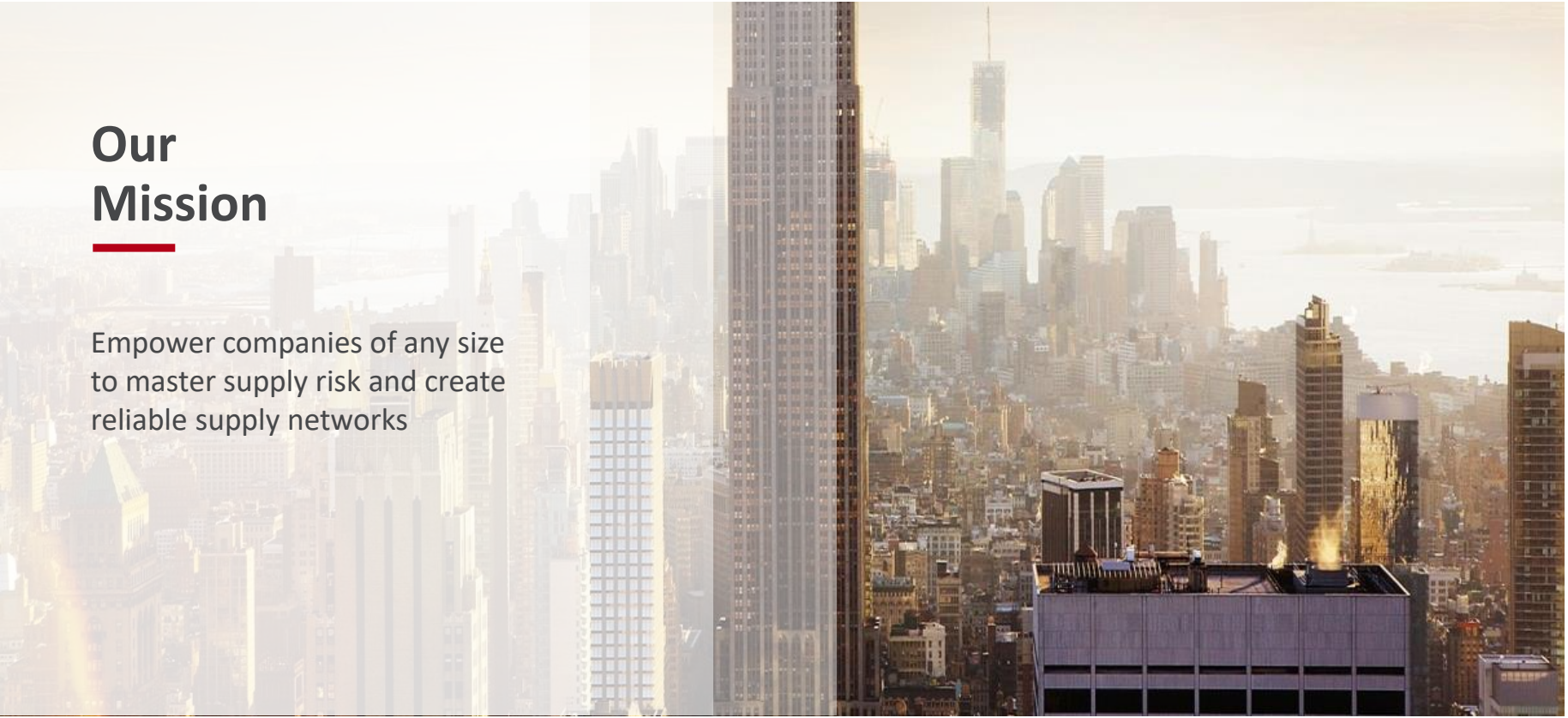
Our Mission

Empower companies of any size to master supply risk and create reliable supply networks



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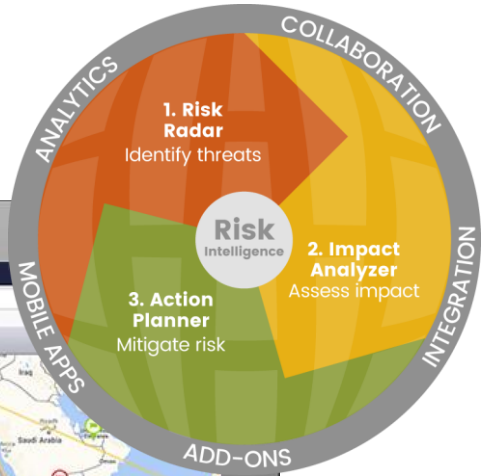
Super-simplify complexity



Predefined risk inventory and content provisioning integrated

Visualize supply chain relations, cover n-tier relationships, identify hidden n-tier single sources

Validate impact within seconds, collaborate with supplier

Receive relevant alerts only – no noise

Automated, geo-coded impact detection

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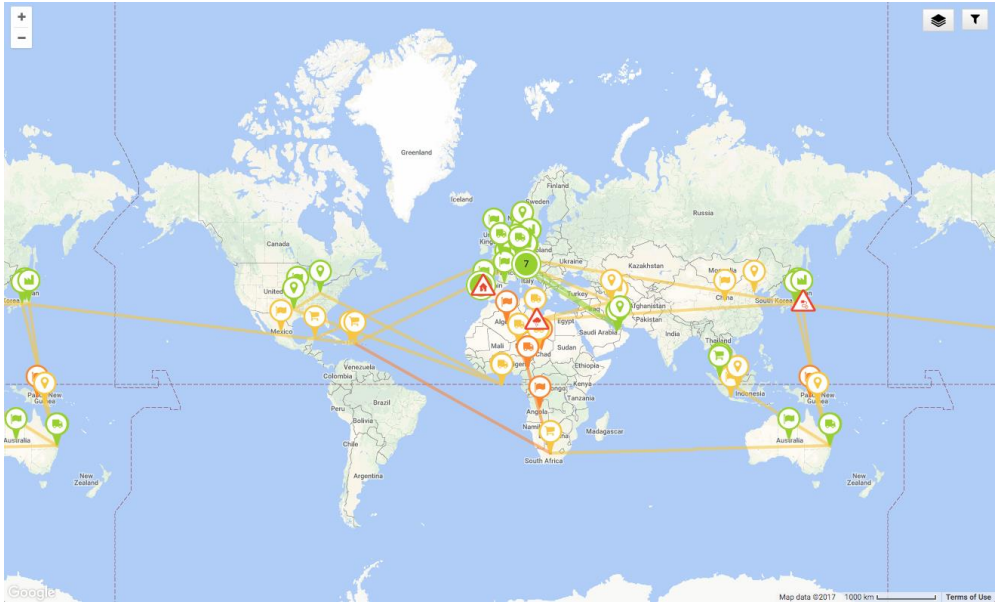
End-2-End Supply Chain Risk Management

Monitor threats, identify impact, mitigate risks

End-to-End Supply Chain

Supplier	
Customer	
Location	
Country	
Own Site	
Supply Path	



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World-class information sources & data gathering

Geo-Risks

GDACS
Global Disaster Alert and Coordination System

Munich RE
NATHAN RISK SUITE

NOAA

USGS
science for a changing world

RSOE

Country-Risks

TRANSPARENCY INTERNATIONAL
the global coalition against corruption

CDC
CENTERS FOR DISEASE CONTROL AND PREVENTION

Company-Risks

dun & bradstreet

BUREAU VAN DIJK

creditsafe
simply smarter

ecovadis
SUSTAINABLE SUPPLY MANAGEMENT

FORMAT

AI-powered Risk Intelligence

(Geo-, Country- & Company risks)

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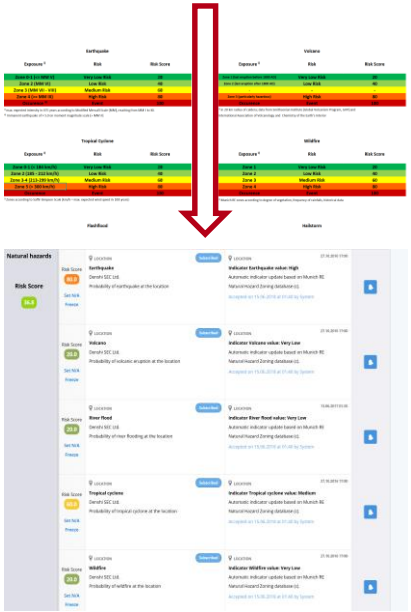
Managing natural hazard risks – turn key solution

GDACS
Global Disaster Alert and Coordination System

Munich RE
NATHAN RISK SUITE



- Earthquake
- Volcano
- Riverflood
- Tropical Cyclone
- Wildfire
- Extratropical winterstorms
- Flashflood
- Hailstorm
- Lightning
- Stormsurge
- Tornado
- Tsunami

Proactive

Reactive (Crisis)

NOAA

AI-powered Risk Intelligence
(Geo-, Country- & Company risks)

USGS
science for a changing world

RSOE

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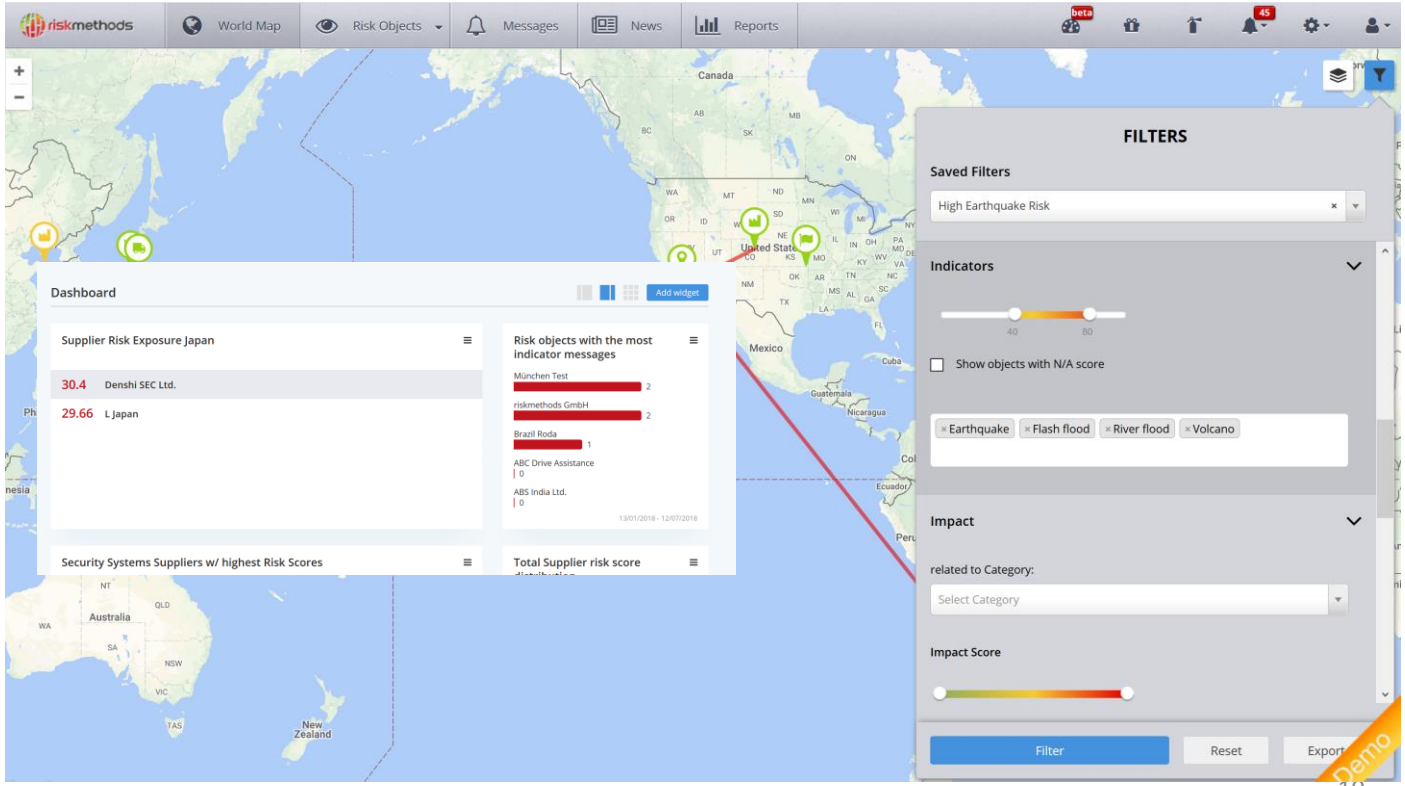
Powerful Visuals for proactive Nat Haz Risk detection



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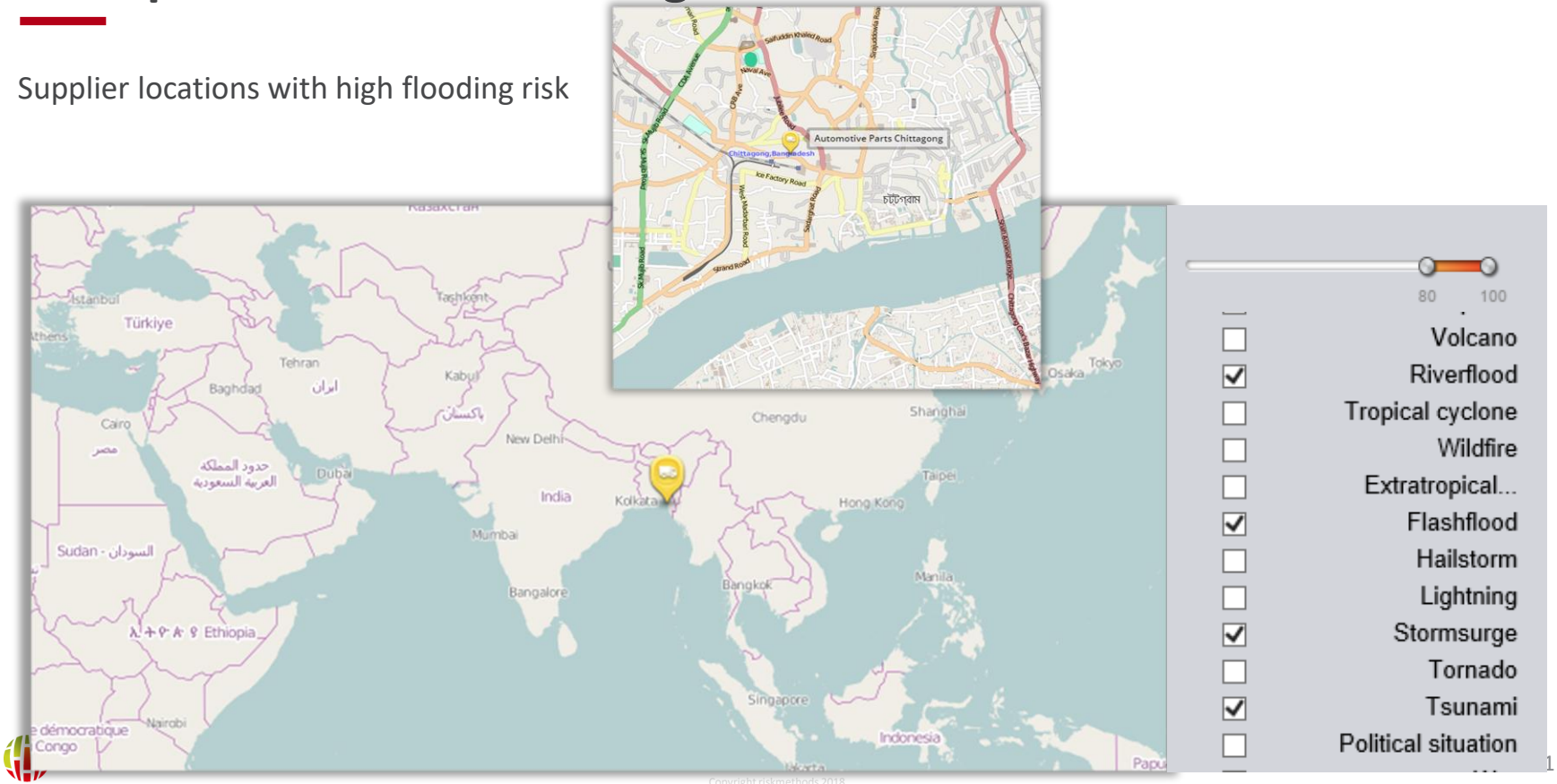
Example: Proactive Flooding risk detection

Supplier locations with high flooding risk



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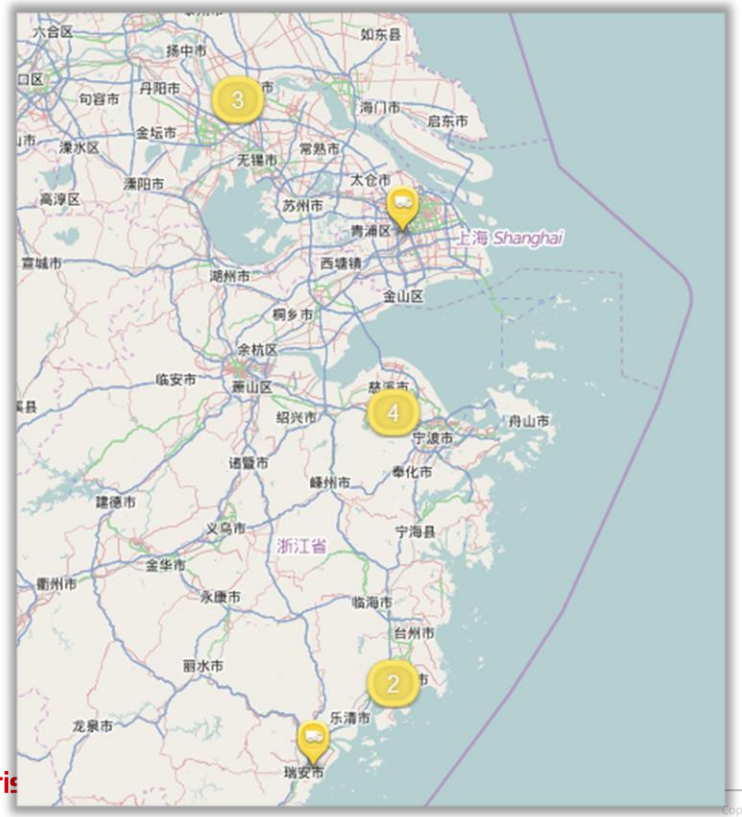
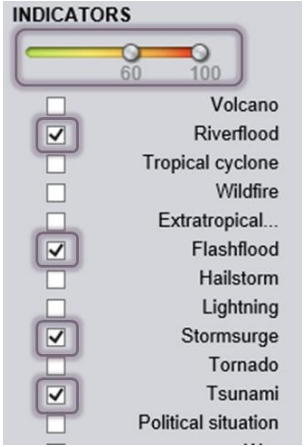
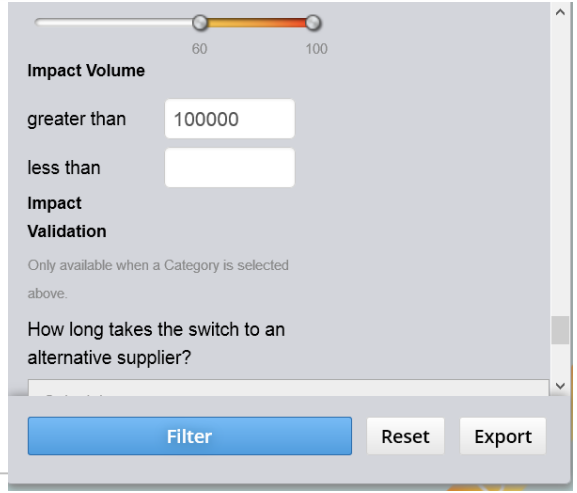
Example: Proactive cumulative flooding risk detection



Several 1st and 2nd tier suppliers based in the Shanghai region with high flooding risk could drop out caused by one single event. All of the suppliers have a business impact > 100k Euro.





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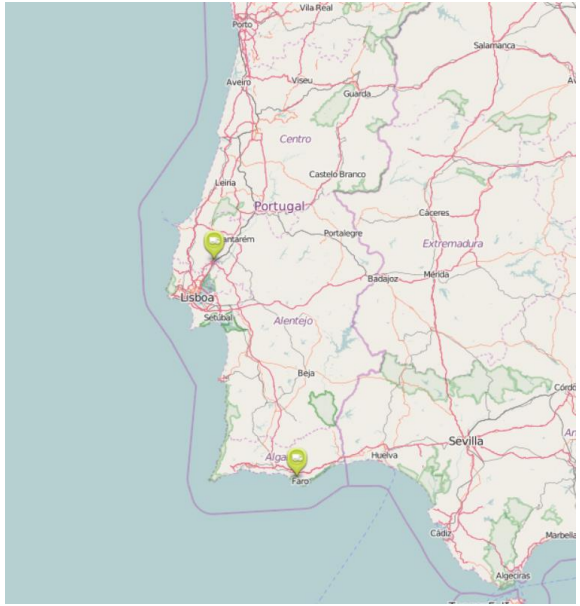
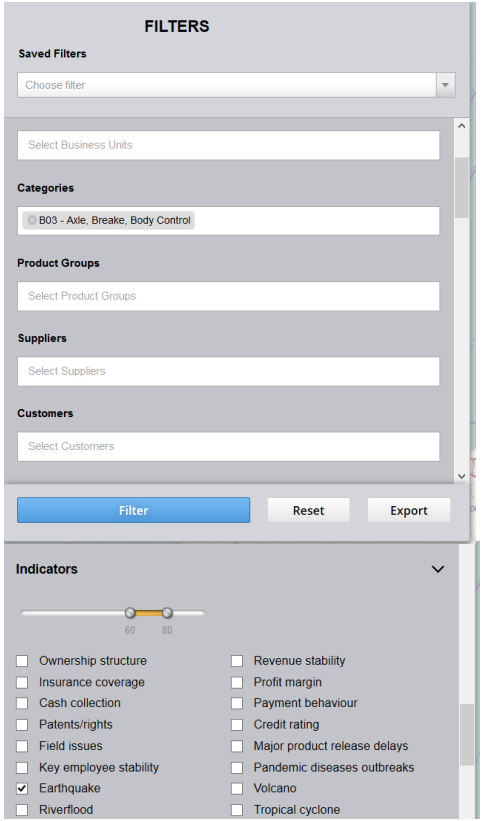
Example: Proactive Earthquake risk detection





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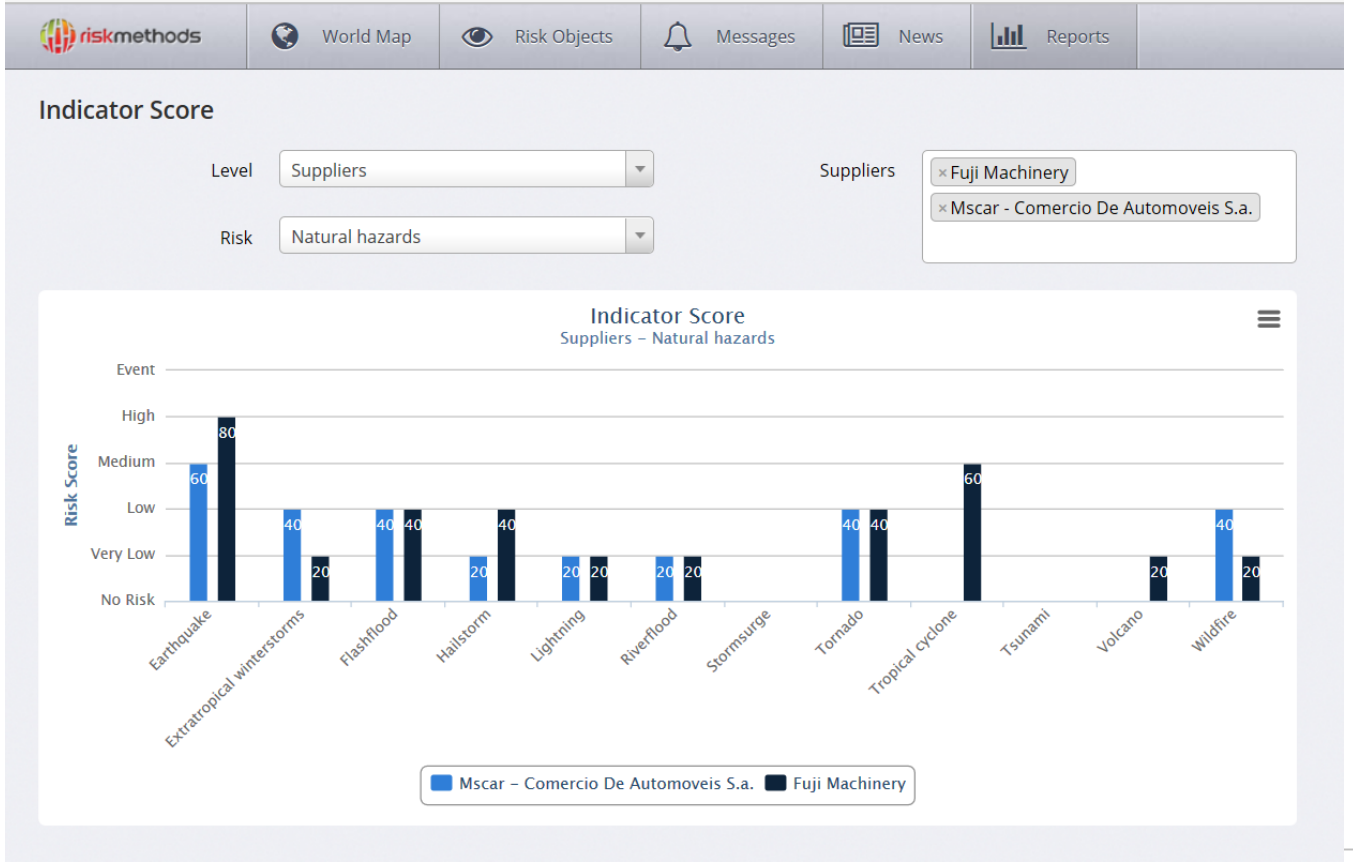
Example: Proactive Comparison of nat haz Risk Profiles



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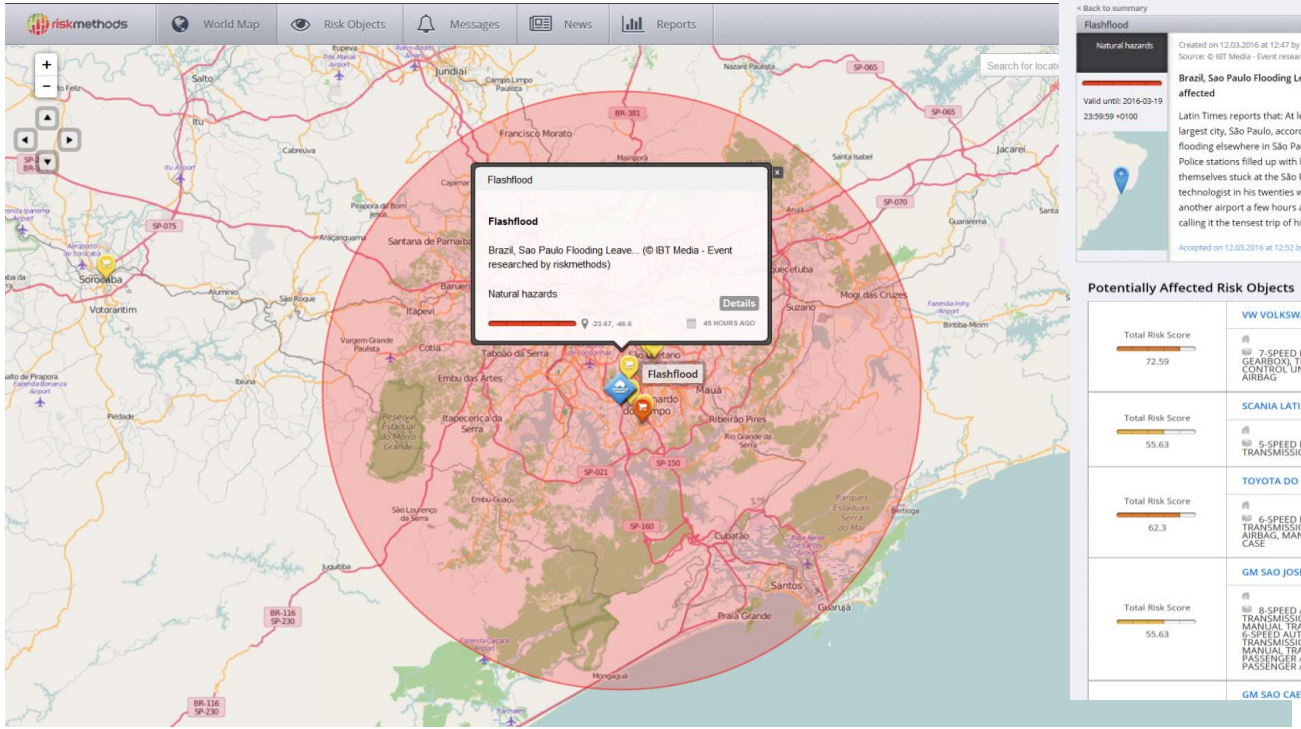
Example: Crisis Alert for Nat haz event



Indicator Message

< Back to summary

Flashflood

Natural hazards

Valid until: 2016-03-19 23:59:59 +0100

Created on 12.03.2016 at 12:47 by System
Source: © IBT Media - Event researched by riskmethods

Brazil, Sao Paulo Flooding Leaves 21 Dead, Latin America's Largest City Paralyzed, airports affected

Latin Times reports that: At least 15 were confirmed dead in the Brazil's financial capital and largest city, São Paulo, according to Reuters. Half a dozen people died as a result of the flooding elsewhere in São Paulo state after 24 hours of steady rain, local media report. (...) Police stations filled up with brown water. Some residents lost power. Others found themselves stuck at the São Paulo airport, which closed for 12 hours overnight. Ted Weber, a technologist in his twenties was returning from a domestic business trip, was diverted to another airport a few hours away. He posted images of the flooded streets on Instagram, calling it the tensest trip of his life ... read more

Accepted on 12.03.2016 at 12:52 by System

100 (100)

Risk Score already set

Potentially Affected Risk Objects

Total Risk Score 72.59	VW VOLKSWAGEN DO BRASIL LTDA. (DEBITOR)		
	7-SPEED DSG (DIRECT SHIFT GEARBOX), TRANSMISSION CONTROL UNIT, PASSENGER AIRBAG	VW PRODUCTION	PASSENGER CAR ASSEMBLY, BRAZIL
Total Risk Score 55.63	SCANIA LATIN AMERICA LTDA., VW SAO BERNARDO DO CAMPO PLANT (DEBITOR)		
	5-SPEED MANUAL TRANSMISSION	SCANIA PRODUCTION	TRUCKS & BUSSES ASSEMBLY, BRAZIL
Total Risk Score 62.3	TOYOTA DO BRASIL LTDA. (DEBITOR)		
	6-SPEED MANUAL TRANSMISSION, PASSENGER AIRBAG, MANUAL TRANSAXLE CASE	TOYOTA PRODUCTION	PASSENGER CAR ASSEMBLY, BRAZIL
Total Risk Score 55.63	GM SAO JOSE DOS CAMPOS PLANT (DEBITOR)		
	8-SPEED AUTOMATIC TRANSMISSION, 6-SPEED MANUAL TRANSMISSION, 6-SPEED AUTOMATIC TRANSMISSION, 5-SPEED MANUAL TRANSMISSION, PASSENGER AIRBAG, PASSENGER AIRBAG MODULE	GM PRODUCTION	PASSENGER CAR ASSEMBLY, TRUCKS & BUSSES ASSEMBLY, BRAZIL
	GM SAO CAETANO DO SUL PLANT (DEBITOR)		

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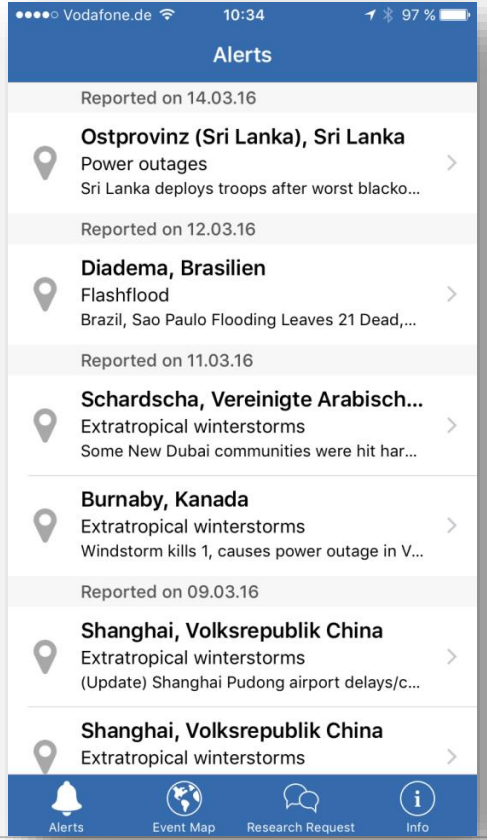
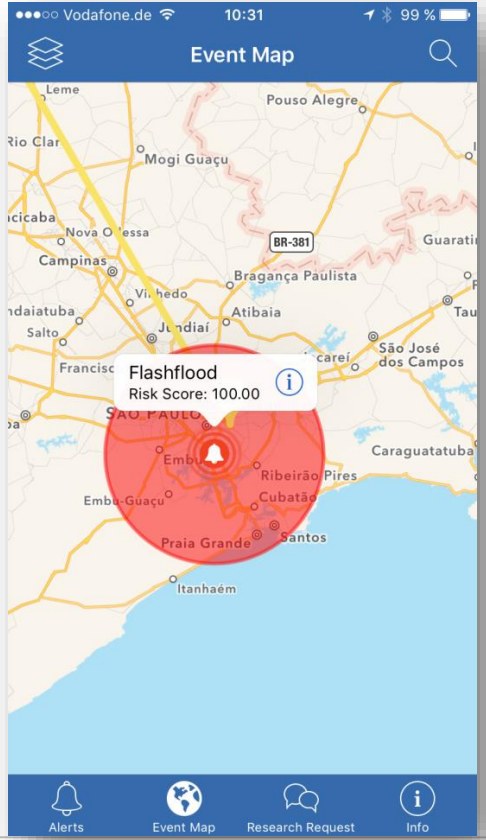
…right to your mobile phone





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Do you have suppliers in Chengdu, China?

Flash flood

Natural hazards

Valid until: 2018-07-13 23:59:59 +0200

Created on 11.07.2018 at 13:49 by System
Source: © XINHUANET.com - Event researched by riskmethods

CHENGDU SHI, CHINA (50KM RADIUS)

Storm caused flooding in Chengdu, China

XINHUANET.com reports that: A strong storm has caused landslides and floods in southwest China's Sichuan Province since Monday, forcing the closure of highways and stranding passengers (...) The weather caused flooding in Chengdu, the provincial capital, disrupting traffic during the morning rush hour ... read more

Accepted on 11.07.2018 at 13:50 by System

100 (100)

Risk Score already set

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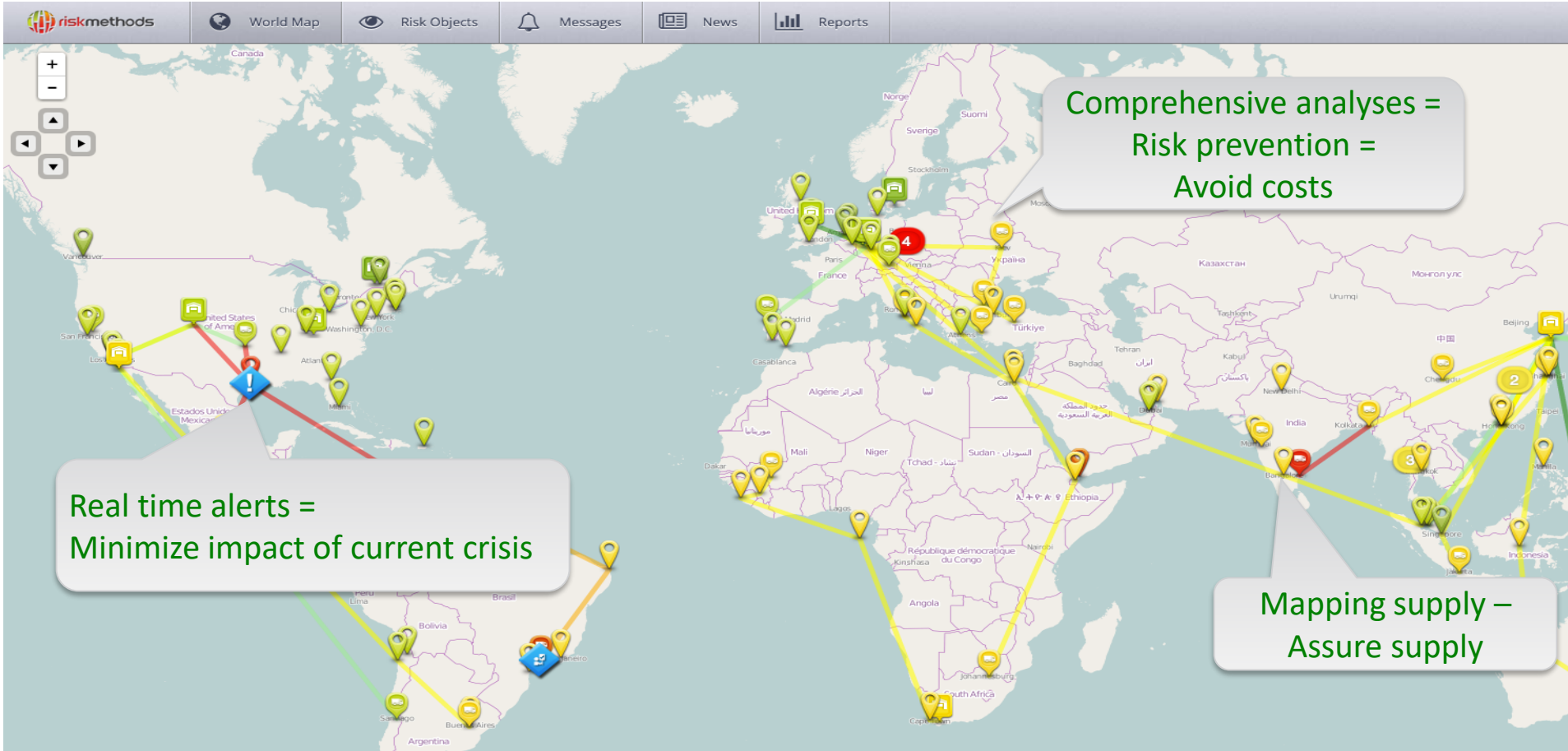
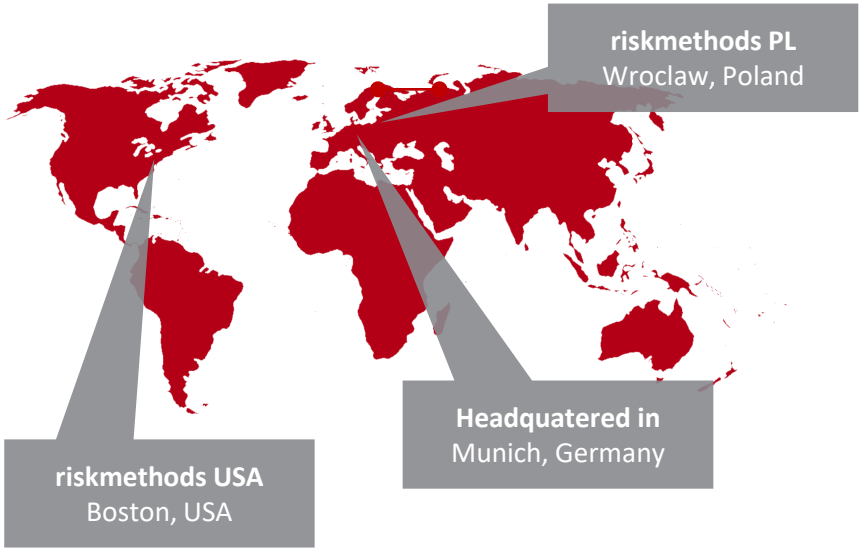
Nat hazards Risk? – Mission accomplished



riskmethods

- Experts: 130+ supply chain professionals
- Innovative: Award winning solution
- Global player: Worldwide partner network
- Proven: Deployed by 120+ enterprises
- Scalable: 600bn USD customer revenue protected



Recognized Visionary & Market Leader:

Frankfurter Allgemeine Handelsblatt Gartner

Forbes DIE ZEIT Spend Matters For Your Business and Your Life aai Initiative for applied artificial intelligence

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Save The Date – We look forward to seeing you!

Please note: Registration website goes online soon! The event will be conducted in German.

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