



Weather Trigger

By Netlight Impact

Motivation

- Access to weather data, forecasts, sensors and observations is becoming more abundant and accessible.
- IoT, and smart sensors in cars, telecom infrastructure, road signs railways can be leveraged to increase awareness and forecast accuracy.
- There is currently no standard for notifying cities and authorities in time to act upon extreme weather events.
- There is a need for an open and simple way to define and trigger alarms based on weather data
- An extensible platform can solve many of these problems with relatively low complexity and high impact

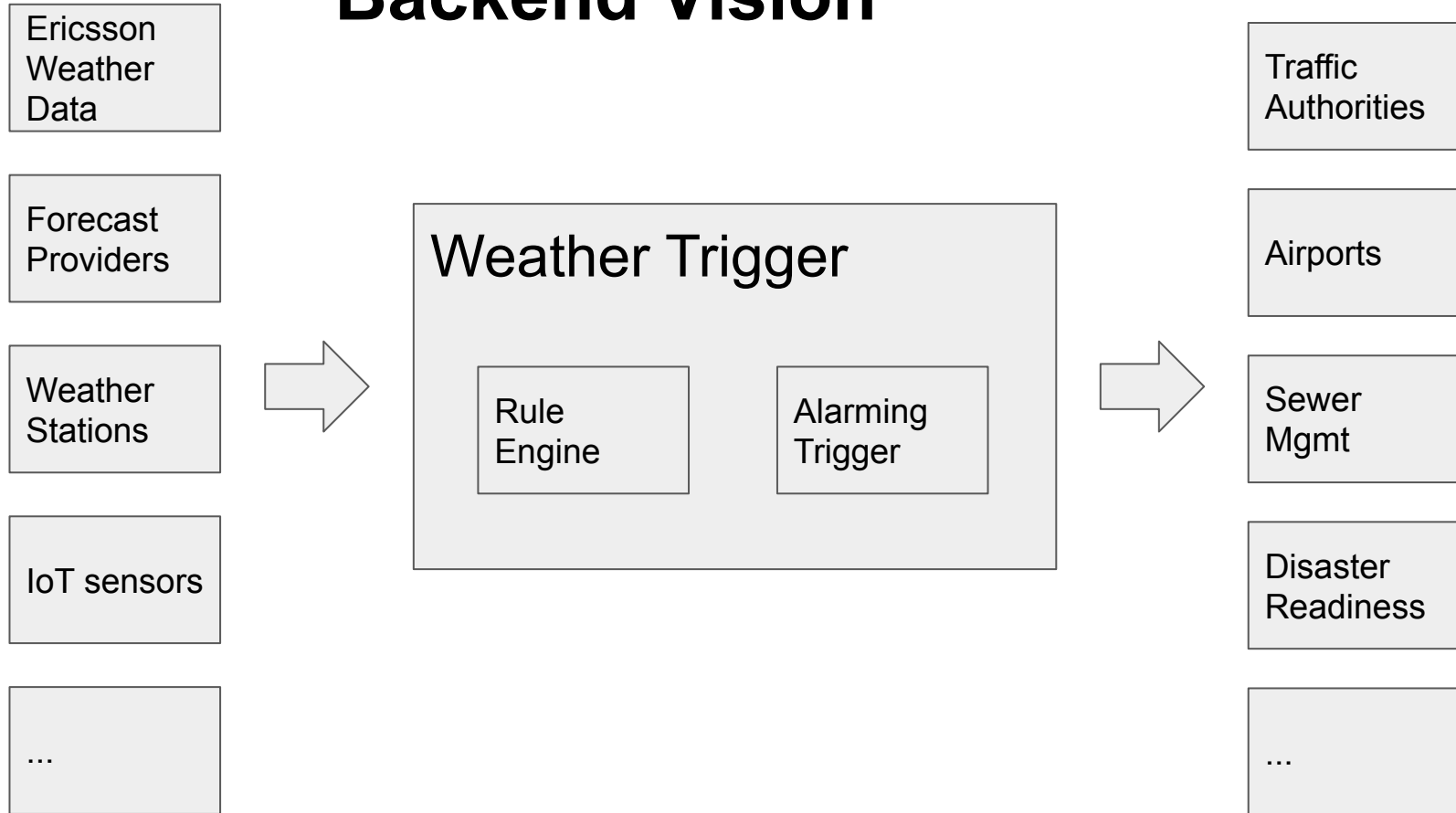
The Solution: The Weather Trigger

- Extensible platform that allows aggregation of weather data from multiple sources: Weather stations, forecasts, IoT sensors, connected cars, Telecom infrastructure, etc.
- Flexibility to define alerts and actions based on a simple rule engine
- Ability to visualise alerts and actions in real time on a map.
- Ability to integrate with all relevant authorities and systems in a city.

Use Cases

- Trigger road sign alerts on heavy rain and snow
- Pump sewers to prevent flooding on heavy rain forecasts
- Alert Police and Fire departments on extreme events
- Alert farmers on unusual weather conditions
- Alert airports and traffic authorities upon extreme or unusual weather events
- ...

Backend Vision



POC Implementation



User Interface

