CRISIS CONTROL

Command centre management of resources in a small scale incident
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PROBLEM

Incident management systems are unaffordable & difficult to deploy for local teams

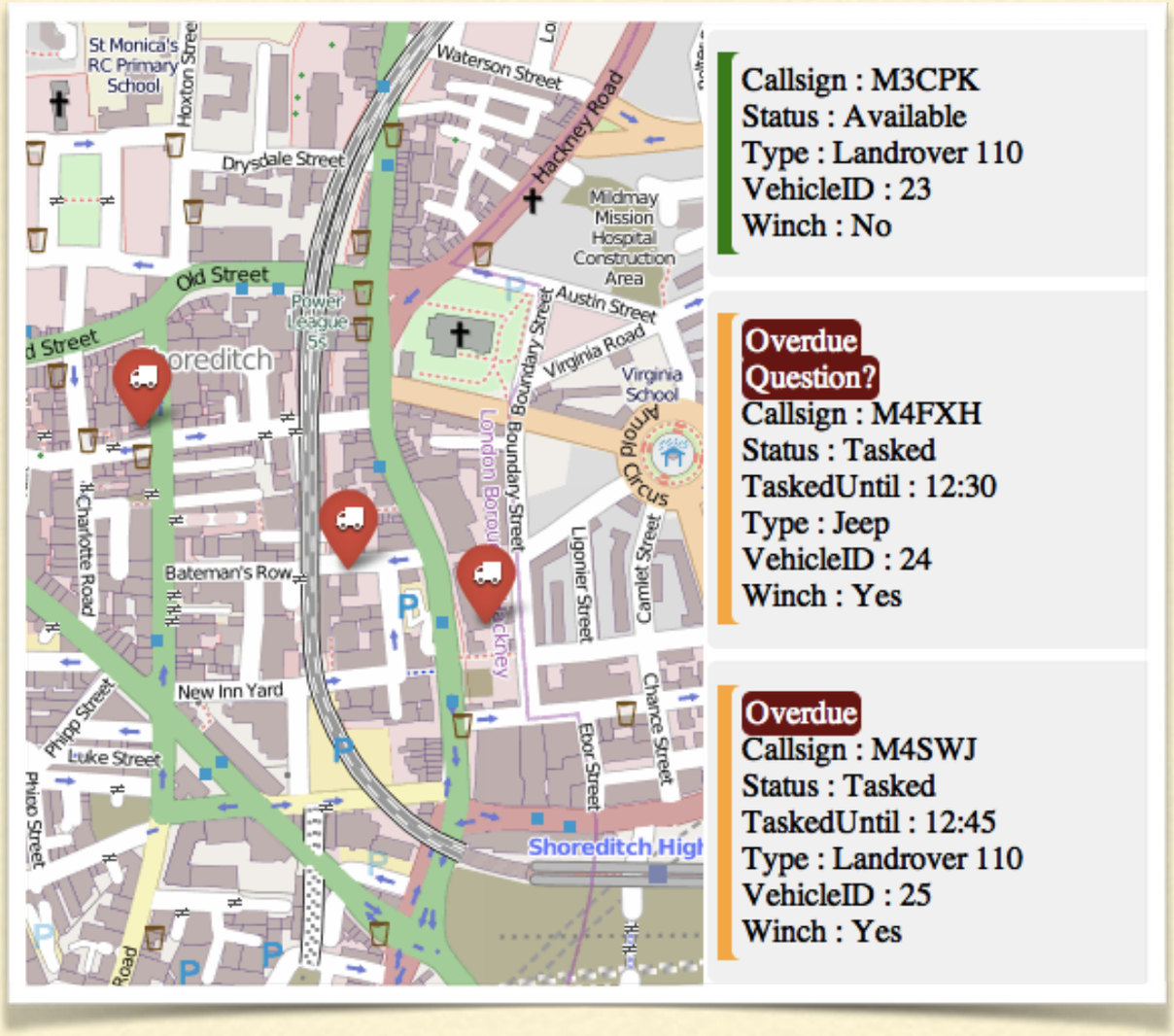
SCENARIO: MANAGING A MOUNTAIN RESCUE

Need a single operating picture, covering the location of:

- casualties
- foot teams
- vehicles
- medics
- ambulance/surgery/hospital

Need to manage all of this in real time

CONCEPT: MANAGE RESOURCES ON A MAP



- All subjects (e.g. casualties, evacuees)
- All resources (e.g. teams, assets, etc.)
- All constraints (e.g. closed roads, areas underwater, forest fires)
- Drag the item to where you'd like it
- Click on a resource to show/edit info
- Adaptable to manage any resources
- Point features for the prototype, but would be easy to add polygon areas to the map

TECHNOLOGY

- MongoDB (gives us flexibility on the resources that are managed)
- Python (loading database, data access and running server)
- Angular/JQuery (Web frames, pop-outs, menus)
- Leaflet (lightweight slippy mapping)
- AwesomeMarkers (Fancy icons in pushpins)
- Git (repo management and deployment)
- Any laptop in your command centre can host the server