

Supply Chain Control Tower

AidEx

November 17, 2022



trellyz

**Powering the
humanitarian supply chain**



Shelley Taylor, ceo

Founder

Silicon Valley veteran

Creator of User Interface language for websites (1996)



World leading app for migrants, refugees, displaced and organizations who help them

Winner of the Padre Aruppe Human Rights Prize

Currently in the Cooper Hewitt, Smithsonian Design Museum "Designing Peace" exhibition *until September 2023*





50 countries, 8,000+ organizations

A few of our partners



Save the Children

World Vision



Creators of RefAid



Winner of the Padre Arrupe Human Rights Prize – 2021



Winner of the TechConnect Defense Innovation Award 2022



Exhibited in the Cooper Hewitt, Smithsonian Design Museum's "Designing Peace" Exhibit through September 2023



trelyz offers an
An integrated supply chain
solution



Supply Chain
Command Center

many-to-many

real-time

location-aware

logistics

situational awareness

pre-positioning

data-driven decisionmaking

Humanitarian supply chain

How government, private sector and nonprofit partners **deliver services** and **respond to crises**



people, resources, assets, supplies



delivered to the public



trellyz

**many to
many**



vs

traditional

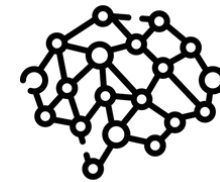
linear



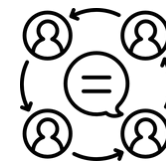
Our **secret** sauce



Network Coordination



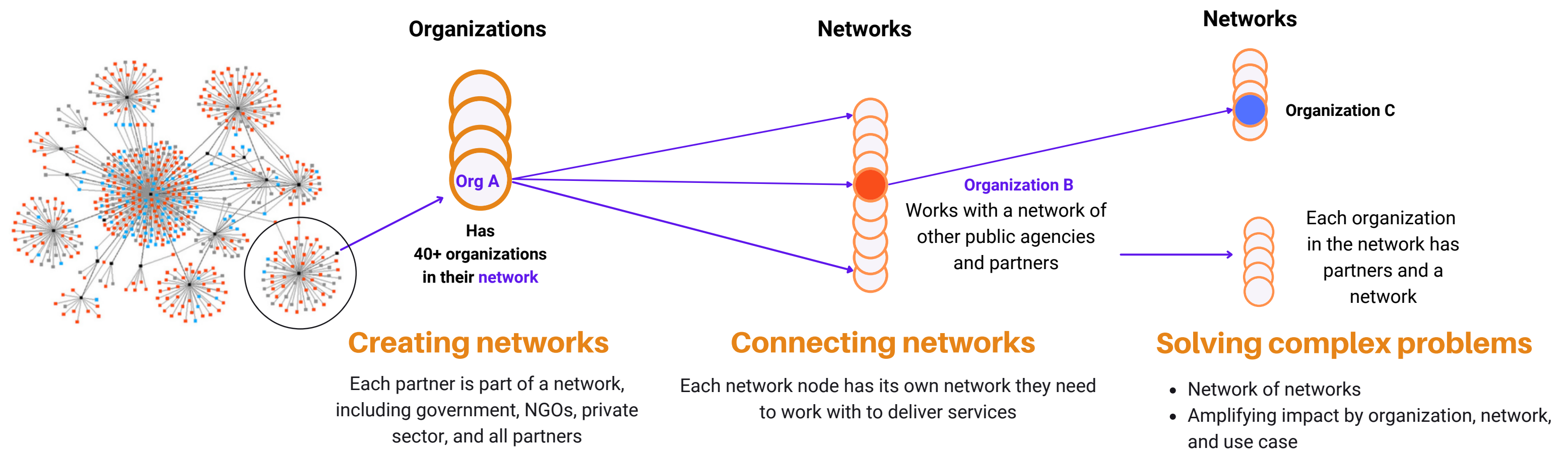
Communications



Mapping

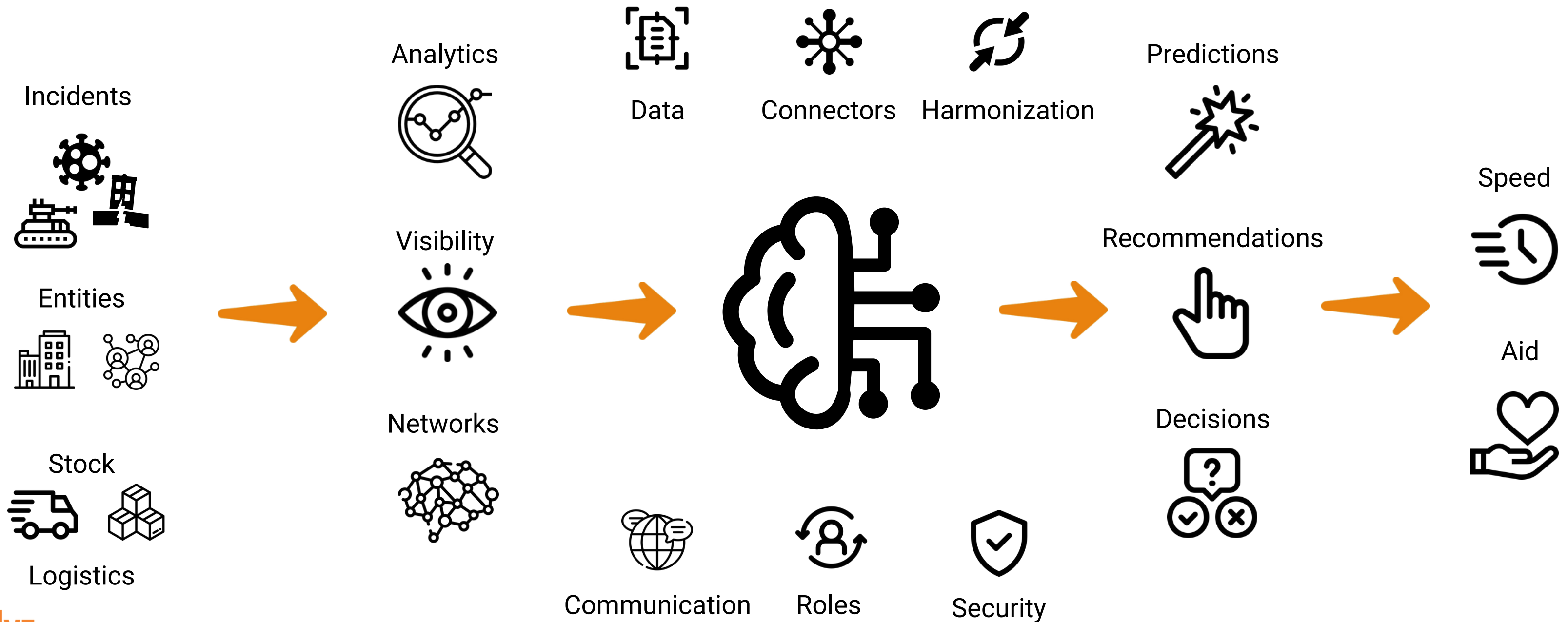


Connect **infinite** networks to scale your impact



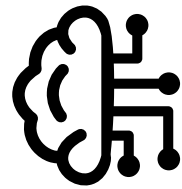
The objective:

"What is happening to my supply chain now?"



Demand and supply planning

visibility and optimization



optimization requires set up and access to full data sets

Inventory health



improve accuracy and optimize

Inventory

Entries shown: 2

Search by name | Search by SKU | Filter by category | Search by region

SKU	Name	Category	Qty	Address	Prepositioned	Expiry date	Region	Facility type
123412	PCR test	Med Supplies	15000 pc	Singapore Hub	✓	Not applicable	South East Asia	Warehouse
789568	PCR test	Med Supplies	15000 pc	Singapore Hub	✓	Not applicable	South East Asia	Warehouse

Insights

- In 3 weeks hospital beds will be at 95% capacity **78%**
- Order 50,000 face shields for Vietnam
- Order 1 million masks to Singapore Hub

Example of Inventory and Insights

Triggers

- 1 Set up
Inputs
If * Cases | Country * China | Change * 3%
- 2 Notify
Inputs
Select users * Sally Smith, Jon Snow
Select organizations * WHO SE Asia, WHO Vietnam

CREATE TRIGGER/ALERT

Insights

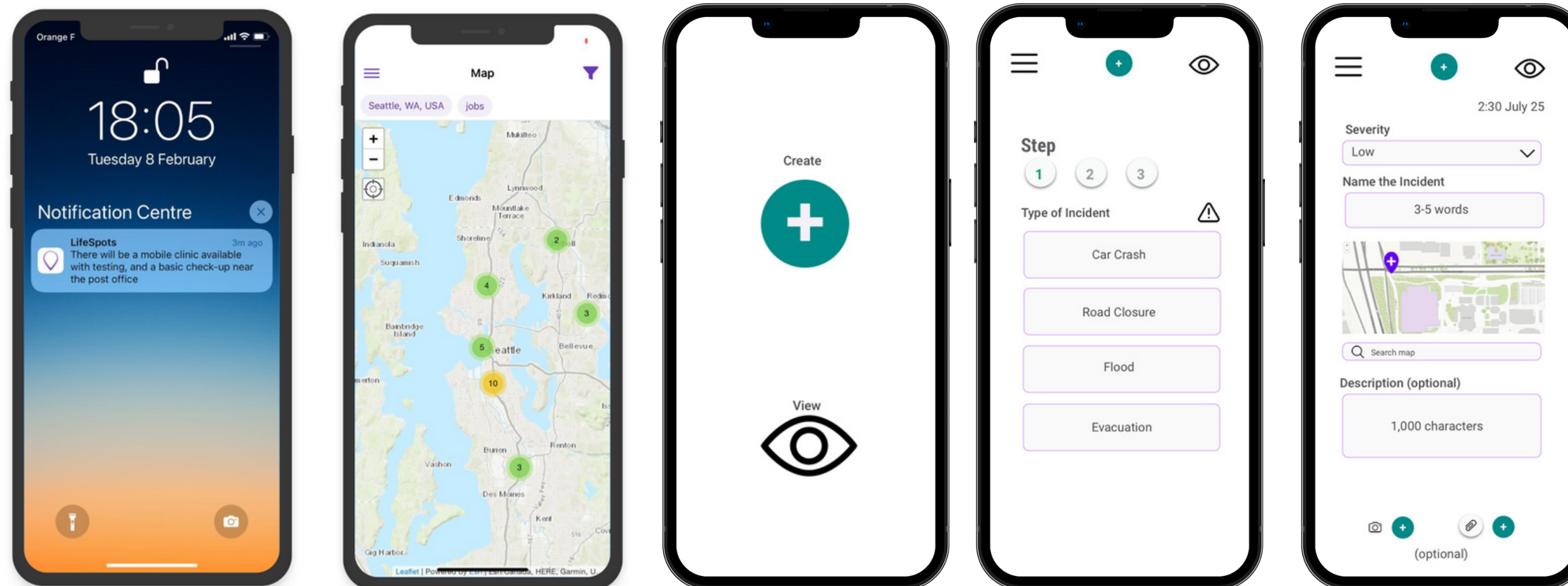
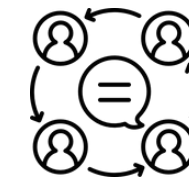
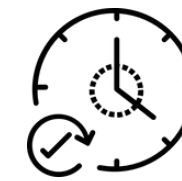
- 94%** Daily case rate will be 1200 in 7 days
- 78%** Hospital bed capacities will exceed 90% in 2 weeks

Recommendations

- Order 1 million masks to Vietnam hub
- Identify suppliers in SE Asia with PCR tests
- Order 50,000 face shield for Vietnam hub

Programming triggers, notifications and alerts

6 Mobile App for key functions

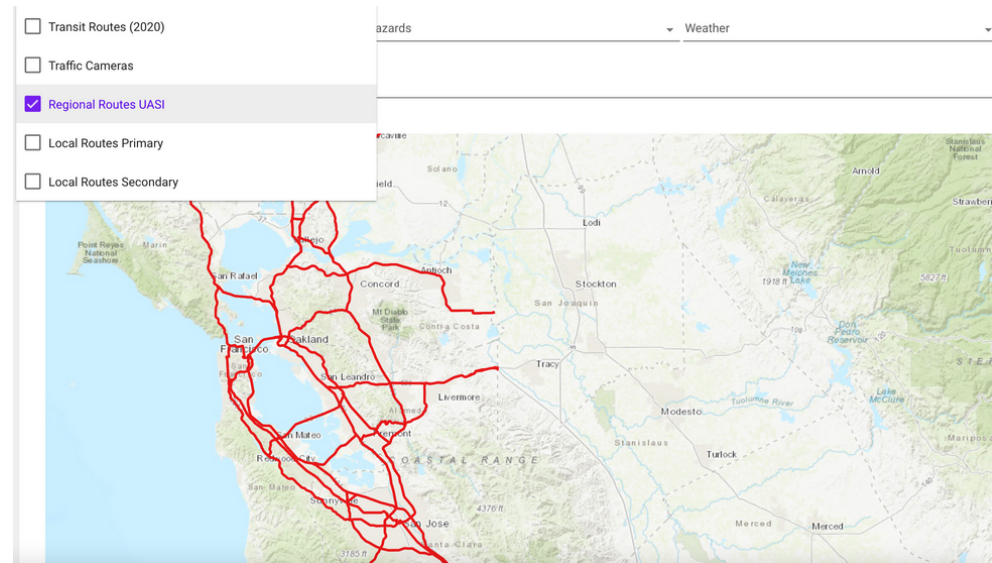


This is an example of how the mobile app can offer the ability to create incidents.

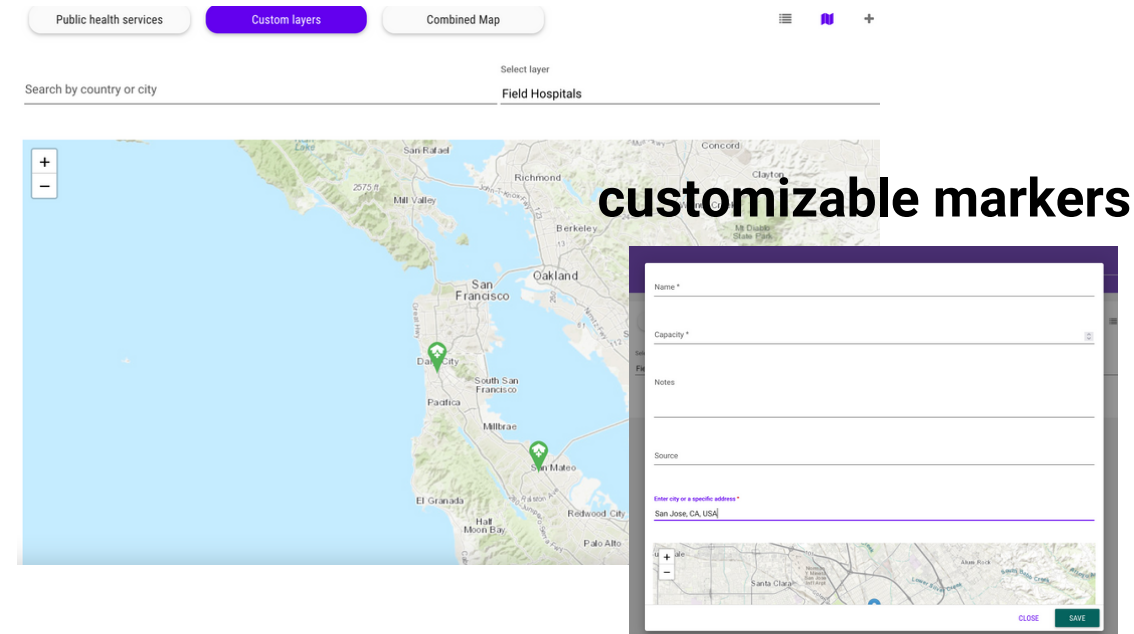
Our mobile app can be configured to include most Control Tower functions

How it works

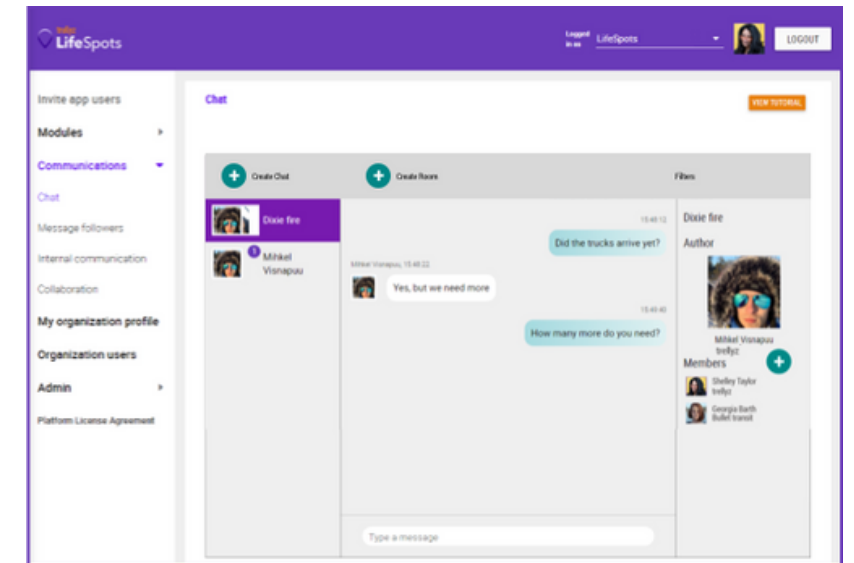
Situational awareness



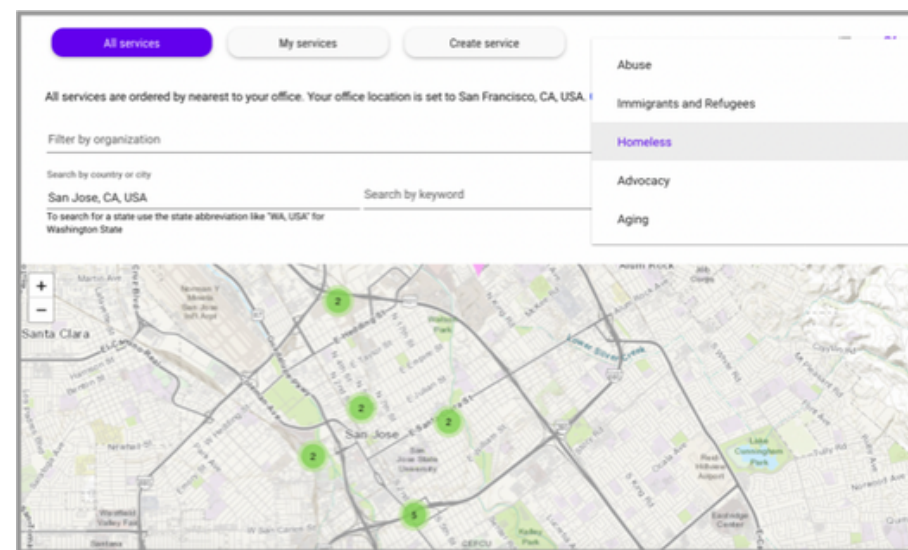
Data layers – APIs & ad hoc



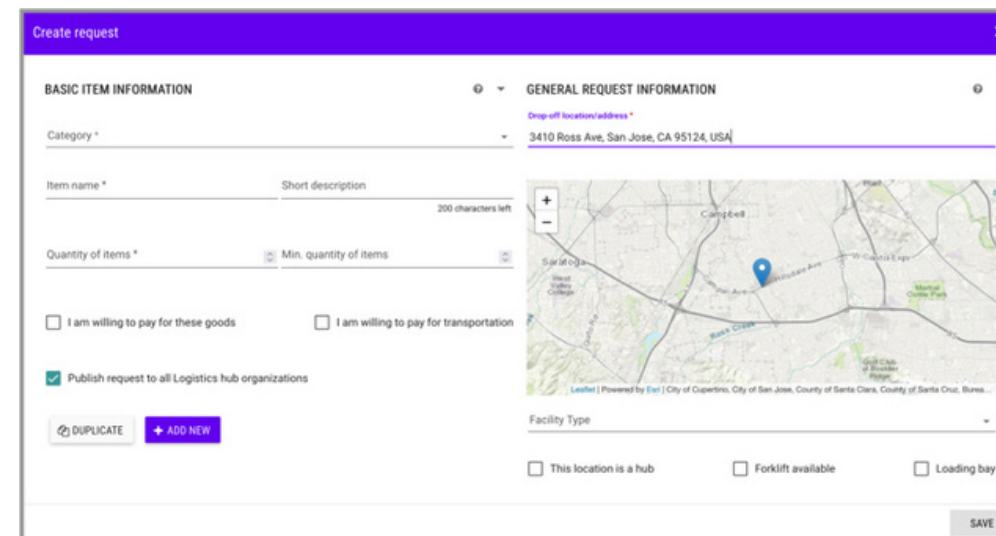
Group chats by subject



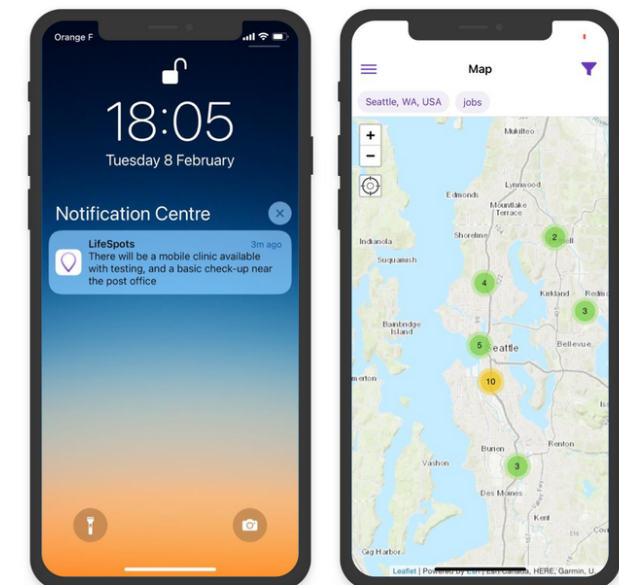
Mapping



Create offers and requests



on desktop and mobile



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Documents Tasks Mapping Dashboards Logistics



Humanitarian **supply chains**
can't work in silos

can'

**So we created a silo-busting
way for those with help to
work together with those who need help**

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to get the right **things**, to the right **people**, at the right **time**

**We're excited to be
part of this journey**

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