



Sistema de gestión y visualización virtual de datos de Emergencias y planificación ambiental



Francisco Prieto Prieto
Jefe de Servicio de Medio Ambiente y
Emergencias

Gustavo Medina del Rosario
Director Ejecutivo (CEO)
The Singular Factory, S.L.

**SINGULAR
FACTORY**



Emergencia: Aviso de Incendio Forestal

- Comunicación
- Localización





Cartografía

Representando la información



- Mapas en blanco y negro



- Ortofotos en color



- Mapas digitales

Comunicaciones

Transmitiendo la información



- Comunicaciones analógicas



- Redes de comunicación digital



- Redes digitales de voz y datos

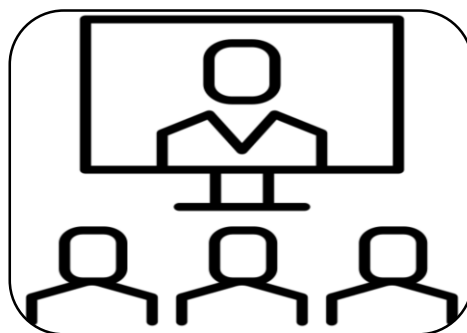
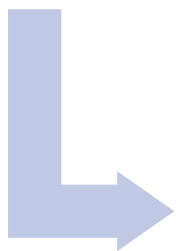


Reuniones

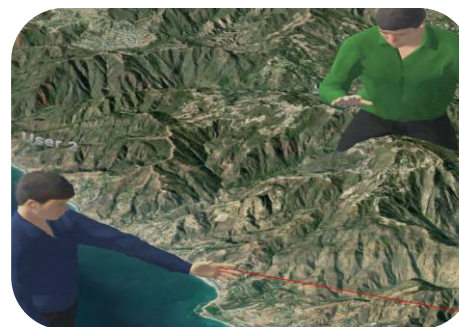
Compartiendo la información



- Reuniones presenciales



- Videoconferencias



- Hologís





HoloGIS allows you to create Command and Control Rooms and connect **participants** located in the same rooms or remotely, without the need to wait for everybody to physically move to a place. Participants can be deployed on the field, distant decision taking ranks, experts in different fields, or other stakeholders that may be located in different cities or continents. It allows to create control rooms, command centers and advanced outposts from minute 1. Connecting with the different teams on the actuation zone.

All of them sharing the **same geographic information and source data**: GIS maps, BIM (Building Information Modeling), 3D assets and deployed IoT resources (GPS, Drones, Sensors, LIDAR Point Cloud Scans, Robots and mobile units).

This solution is platform agnostic, what allows to connect participants using different devices, besides making it easier to migrate to future technologies.

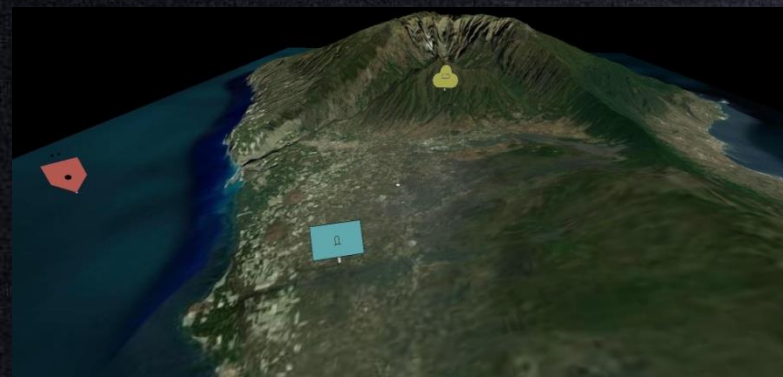
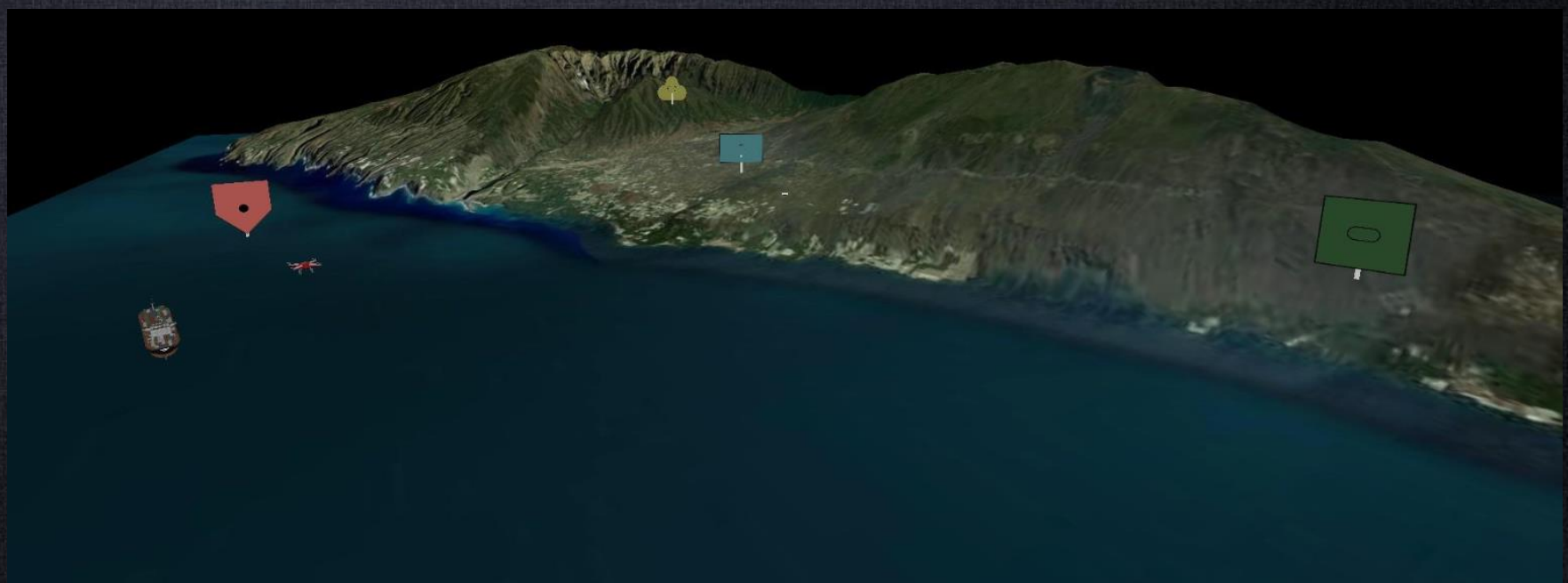
HoloGIS works as an aggregator of different data sources, that can be depicted as a virtual sandbox with local and remote participants..

Secure cloud or on premises.

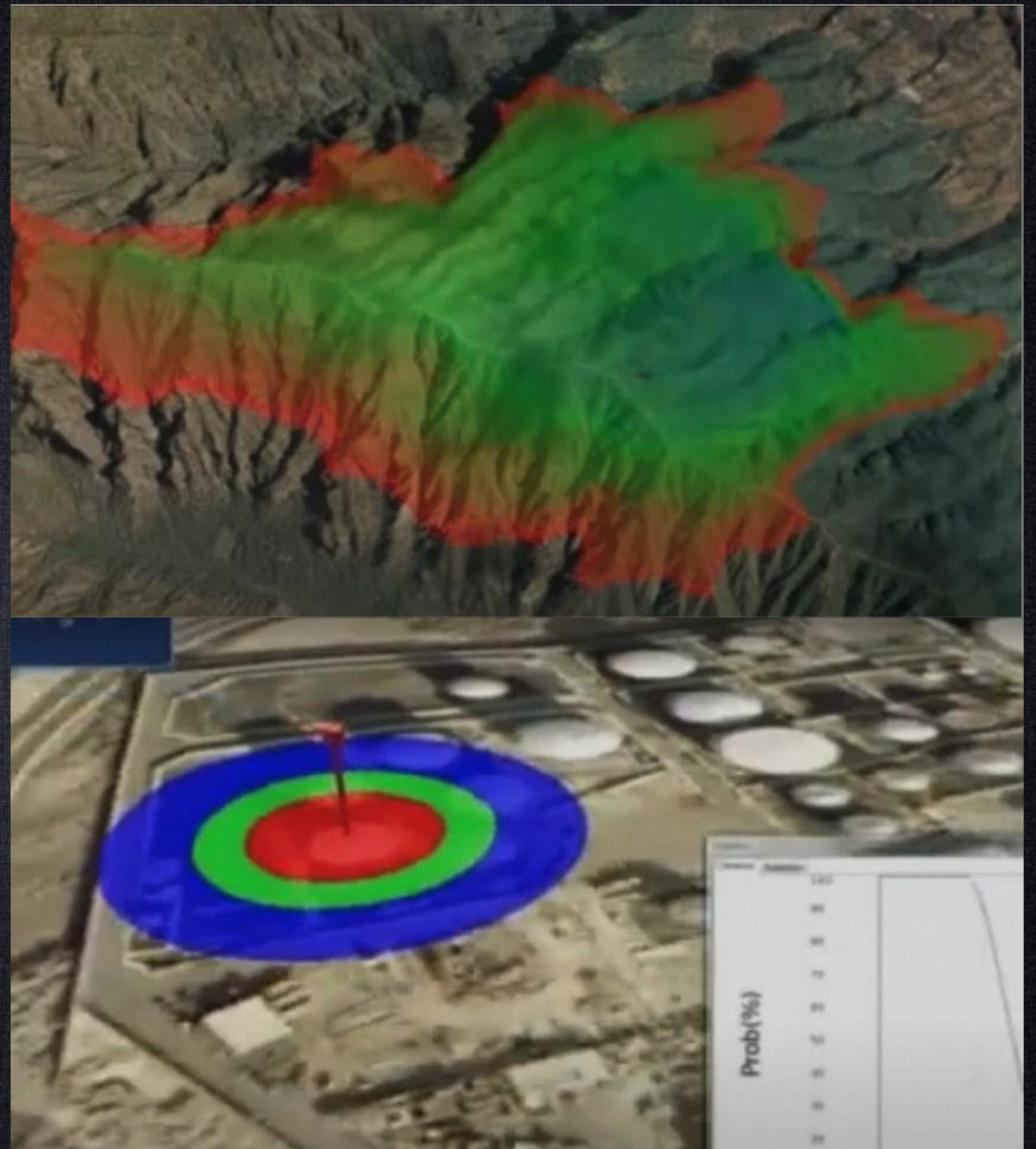
As long as a data source provide an API it is possible to integrate it a new content-type for visualization, sending commands or even remote control.



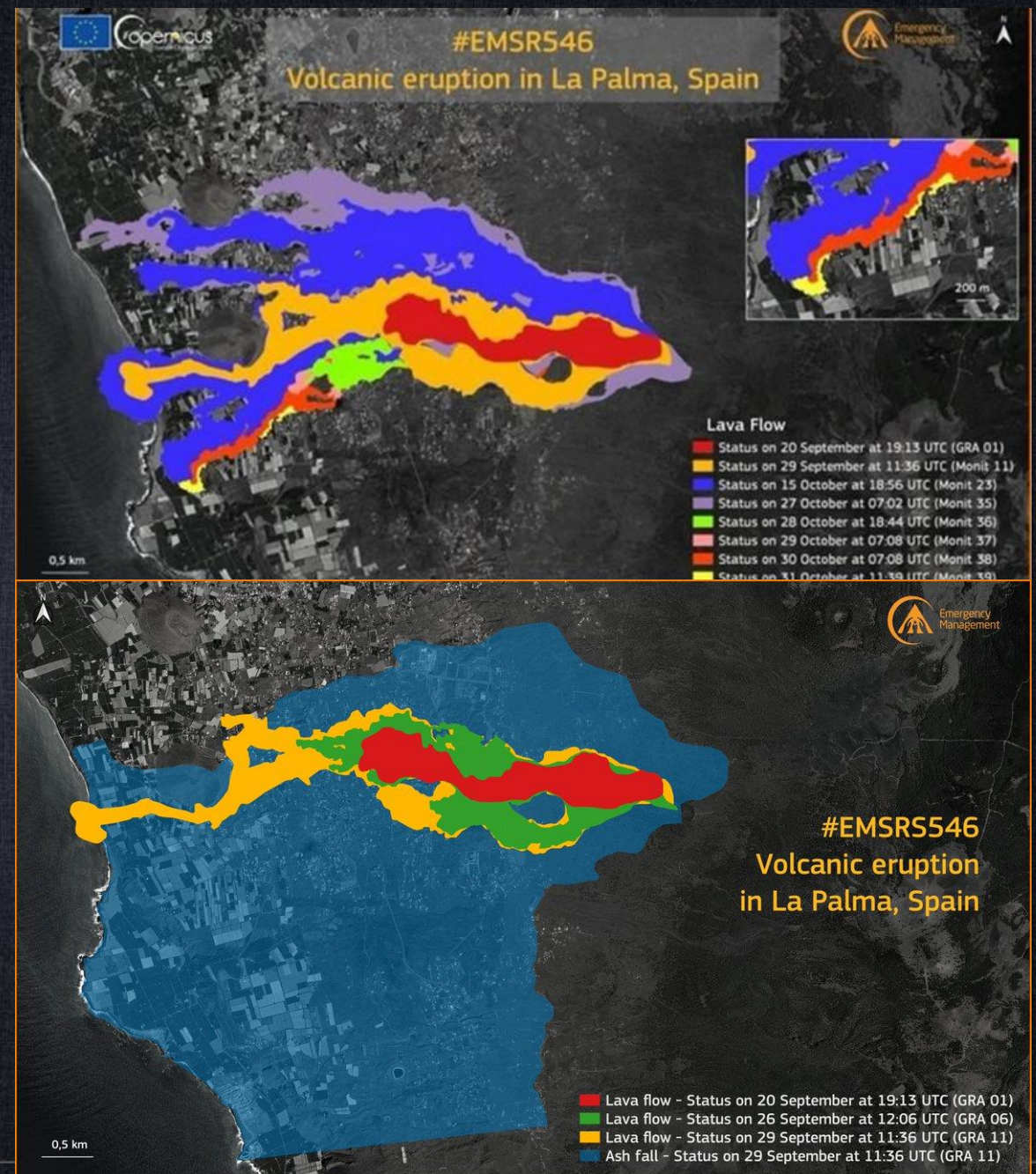
REAL-TIME OPERATION



SIMULATION ALGORITHMS



GISLAYERS





SPATIALCOMPUTING



- The content will be on the cloud.
- Will be delivered through wifi, satellites or 5G networks.
- Spatial anchored.
- Using all sort of devices: mixed, augmented and virtual reality.



Spatial computing is the concept behind several technologies that will allow us to create virtual content (holograms), and integrate them into our natural real life world.



VISION

MIXED REALITY IS DEFINITELY THE NEXT BIG THING AND WILL HAVE AN IMPACT COMPARABLE TO THE APPEARANCE OF THE SMARTPHONES.

IN A VERY SHORT PERIOD OF TIME, CITIZENS WILL WEAR AUGMENTED REALITY DEVICES ON A DAILY BASIS.

WHETHER GLASSES, LENSES, OR SMARTPHONES.



BEST WAY TO REACH US, EMAIL

hello@singularfactory.com

PERHAPS YOU PREFER TO MAKE A CALL

+1 305 560 3068

EVEN BETTER, COME OVER..

125 NE 26th Street, Suite 800

MIAMI, FL 30137

USA

GO