

DECK VISUALS FROM PLAN 3D - LIVE DEPLOYED ON Mac, Win, iOS, Android, Linux since ~2021

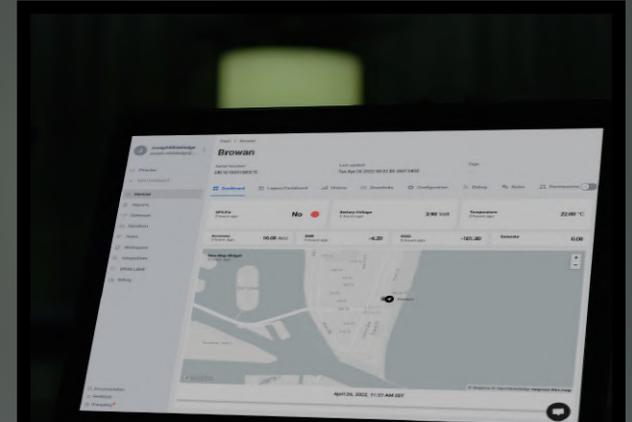
# PLAN Systems

# Planet Tools



# There is no comprehensive framework for rapidly building secure, future-ready platforms / ecosystems

- Building a fully-featured 3D app is costly
- 12-24 months, \$1M-\$3M, and 2000-4000+ hours, and a mix of security risks, platform fragmentation, skill gaps, and scalability limits; in-house development is daunting
- The reality — dev teams are forced to accept limitations on security, UI/UX, content fidelity, or backend maturity



Web Framework - Limited UI/UX



3D Engine - Infrastructure Not Included



- USAF-trained senior intelligence analysis, systems, and operations (TS//SCI//TK//HCS//G)
- Founder of ArtIsInFormation geo-spatial mapping, multi-media production, 3D and experience design studio
- UT Austin cross discipline communications, sustainability, and environmental geography
- Proven operator in contingency response, force protection, combat search & rescue, emergency medical evacuation
- 3x USAF PACAF Intelligence Airman of the Yr.

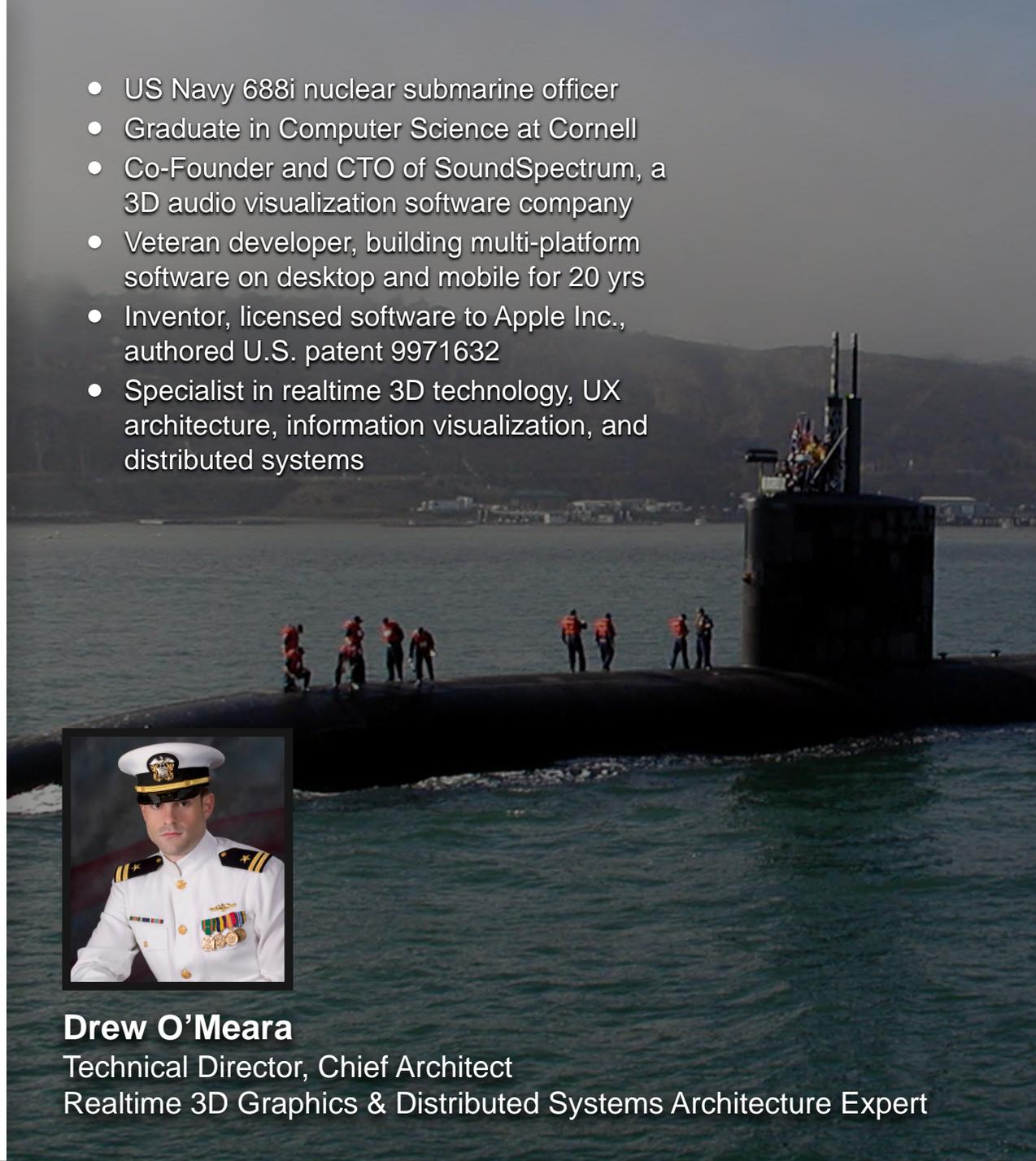


**Brandon D. Wallace**  
Chief of Operations  
GeoSpatial, Media, & Information Systems

- US Navy 688i nuclear submarine officer
- Graduate in Computer Science at Cornell
- Co-Founder and CTO of SoundSpectrum, a 3D audio visualization software company
- Veteran developer, building multi-platform software on desktop and mobile for 20 yrs
- Inventor, licensed software to Apple Inc., authored U.S. patent 9971632
- Specialist in realtime 3D technology, UX architecture, information visualization, and distributed systems



**Drew O'Meara**  
Technical Director, Chief Architect  
Realtime 3D Graphics & Distributed Systems Architecture Expert



# AMP

“Turn-key” Native 3D App  
Development Framework

# PLAN 3D

A platform for realtime collaboration and  
information exchange; powered by AMP



Space Builder

Spatial Linking

Communications

Asset Tagging

AV / File Sharing

AR / VR Ready



Explore

Hospital

New Contract

Add New Channel



Sheets

Edit a collaborative spreadsheet



Space

Container for channels, links, files



Talk

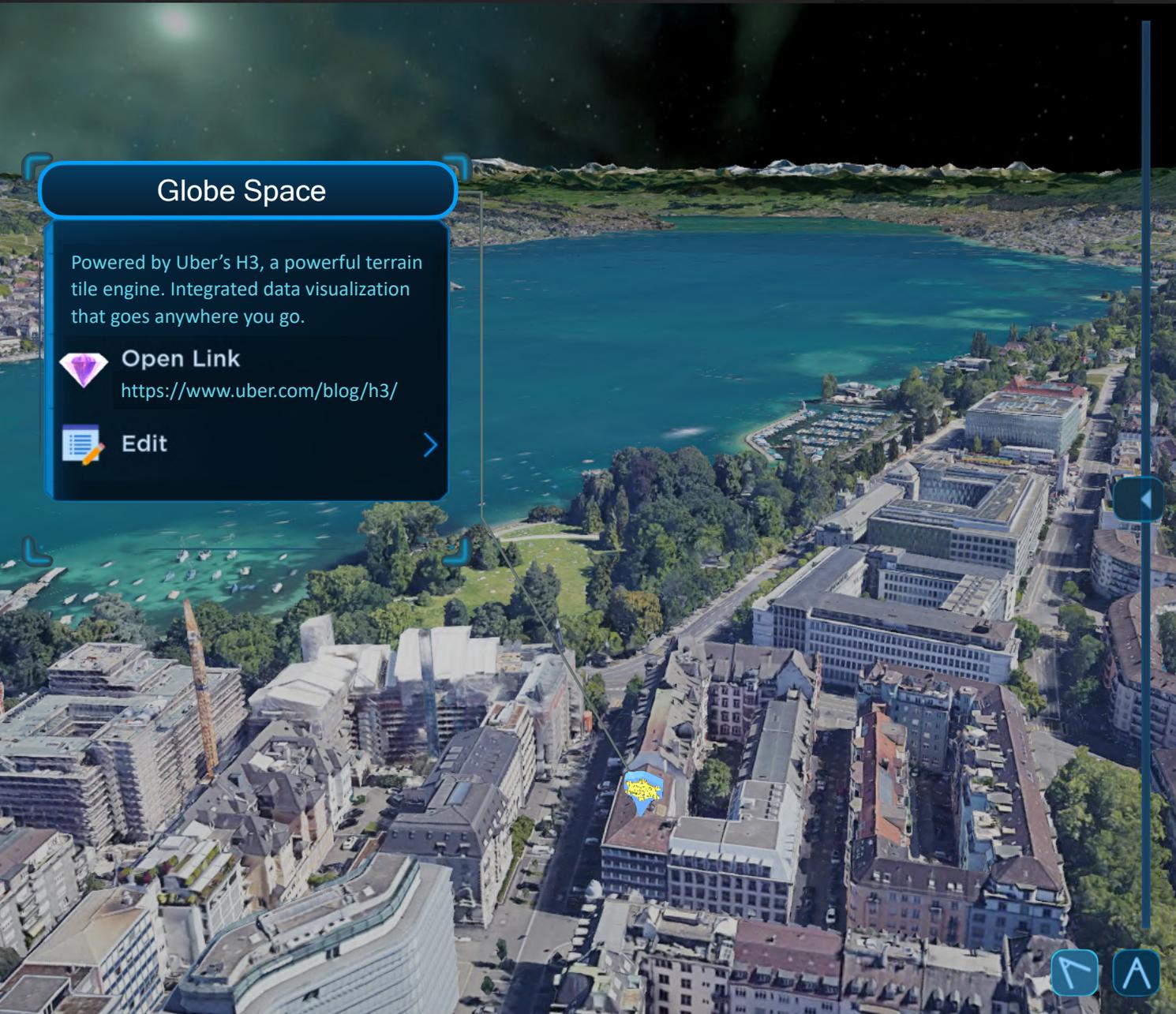
Private and group messaging



Notes

Edit collaborative notes

122m



### Globe Space

Powered by Uber's H3, a powerful terrain tile engine. Integrated data visualization that goes anywhere you go.

 **Open Link**  
<https://www.uber.com/blog/h3/>

 **Edit**

Navigation icons: back, forward, refresh

Address bar: <https://www.uber.com/blog/h3/>

Uber Blog Search Sign up

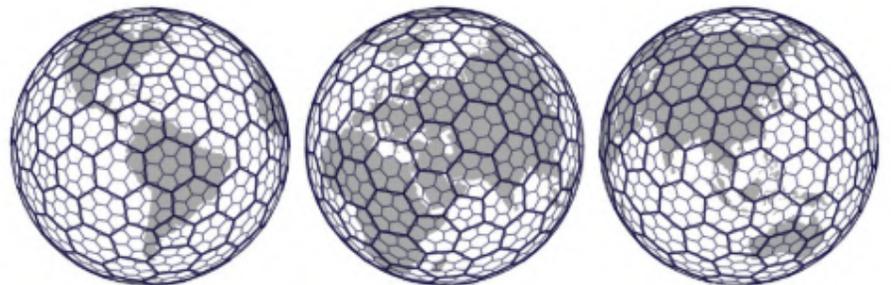
**Engineering** ▾

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Engineering

# H3: Uber's Hexagonal Hierarchical Spatial Index

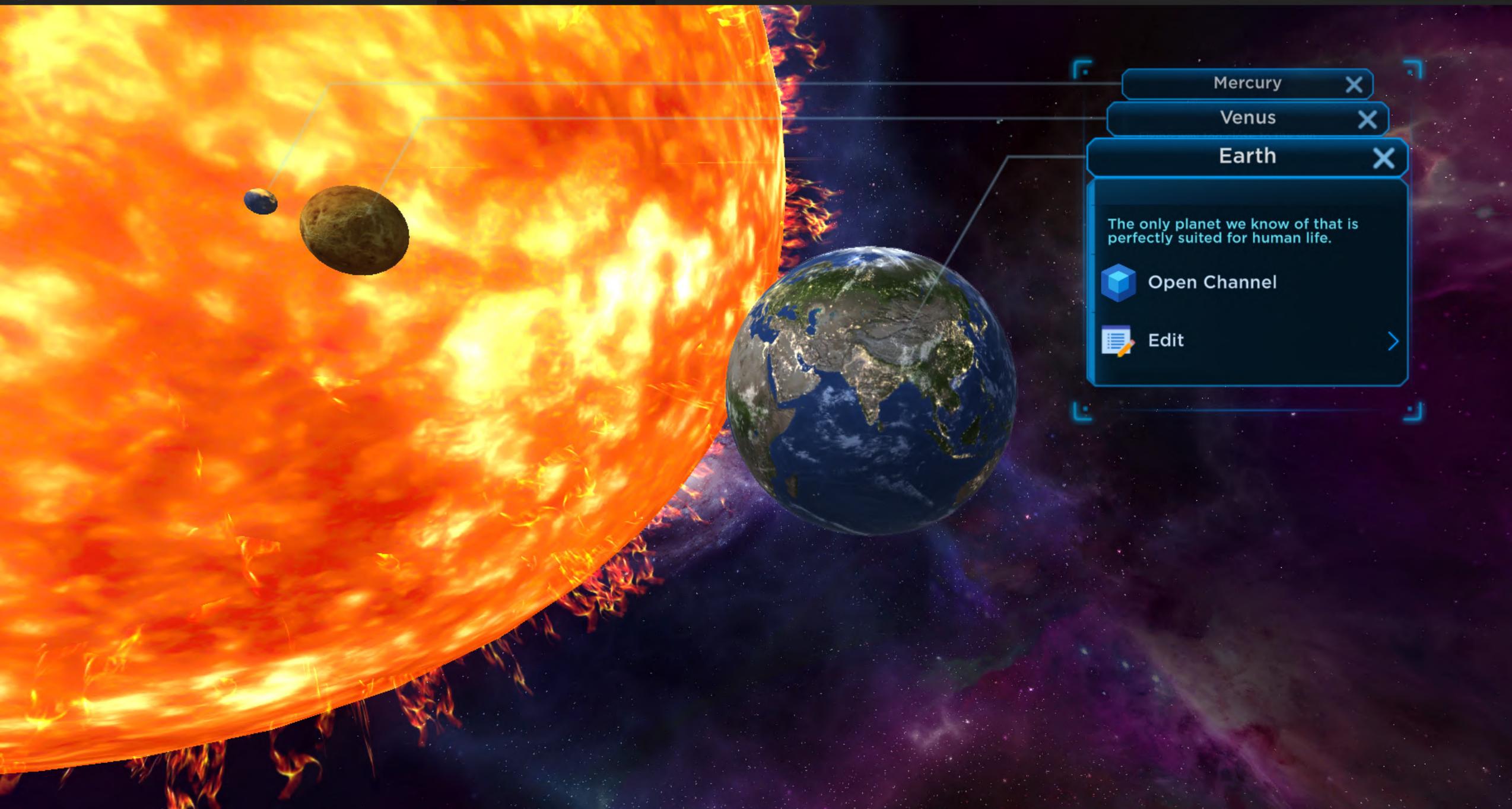
June 27, 2018 / Global



# Web3 AV/3D/XR

Experiential media distribution platform



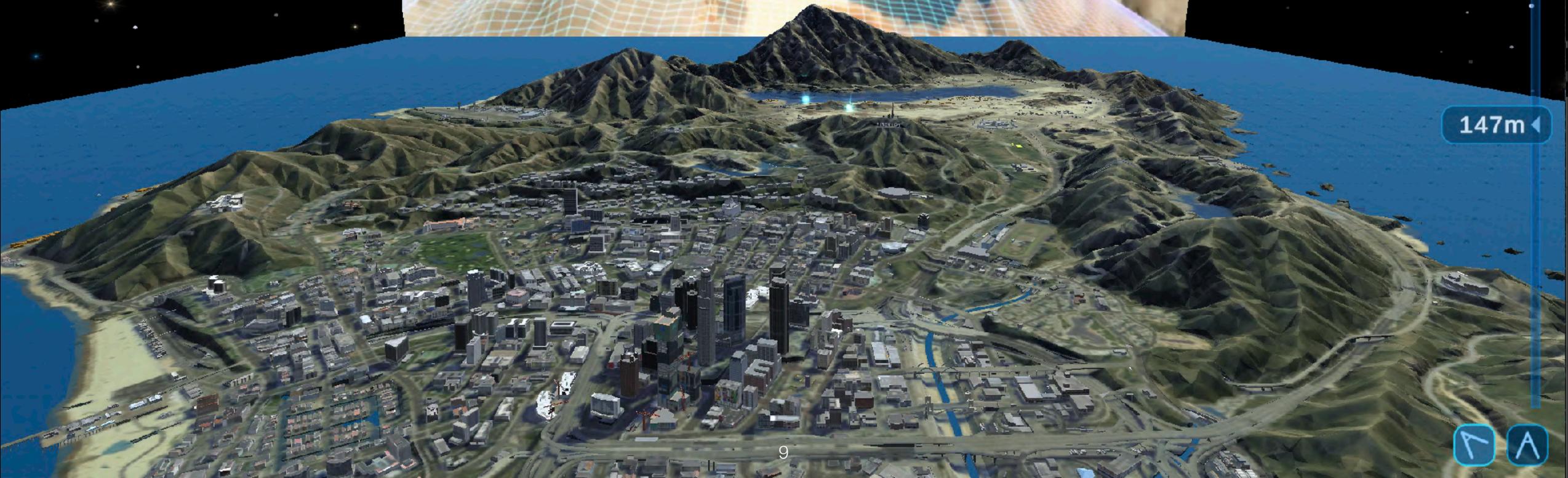


- Mercury 
- Venus 
- Earth 

The only planet we know of that is perfectly suited for human life.

 Open Channel

 Edit 



147m ◀



# Situation Awareness

Integrated data, media, and collaboration





**OSC Emerg...**

incident commander is the primary point of contact and source of truth about your incident. They see the big picture, manage all the moving pieces, know what's been tried and what's still on the radar, and plan for and manage next steps.  
7/22/2021 12:13:50 PM

Contact me here if you need a rapid response or high priority action items.  
7/22/2021 12:16:35 PM

Life Flight is arriving, popping blue smoke.  
7/22/2021 12:21:04 PM

Enter text...

**Office Chat**

12/8/2021 12:28:41 PM

We're having an incident on site. Fire department has been called and deploying to the incident location.  
12/27/2021 10:59:41 PM

Please keep the office updated here with asset and personnel status.  
12/27/2021 11:00:17 PM

Status Update: All persons on site accounted for.  
12/27/2021 11:00:37 PM

Enter text...

**Fireteam 1 - T...**

On scene commander is on site.  
7/19/2021 5:43:42 PM

Personnel deploying to position. We'll be ready to go in 15min.  
12/27/2021 10:58:57 PM

Ordering a life flight for 1 ambulatory patient.  
12/27/2021 11:02:18 PM

Enter text...



Medical Notes

- 9 Line Report  
12/27/2021 9:36:47 PM
- Fire Team Notes  
12/27/2021 9:37:41 PM
- On Scene Commander Reports  
12/27/2021 9:38:01 PM
- SoPs and Guidance  
12/27/2021 9:41:51 PM
- Status Update  
12/27/2021 9:27:44 PM
- Equipment Status Board  
12/27/2021 9:38:15 PM
- Personnel Status Board  
12/27/2021 9:38:52 PM
- Crew Reporting Instructions  
12/27/2021 9:42:11 PM
- Medical Team Notes  
12/27/2021 9:37:49 PM

- 9 Line Report
1. Grid location of pickup site
  2. Radio frequency, call sign
  3. Number of patients by precedence
    - a. Urgent
    - b. Urgent-Surgical c. Priority
    - d. Routine
    - e. Convenience
  4. Special Equipment
    - a. None
    - b. Hoist
    - c. Extraction Equipment
    - d. Ventilator
  5. Number of patients by type
    - L \_\_\_\_ # Patients litter
    - 9 Line Medical Evacuation Request
    - Air/Ground
    - A \_\_\_\_ # Patients ambulatory
  6. (Peacetime) Number and type of wound, injury. Specific information regarding casualty(ies).
  7. Method of marking
    - a. Panels
    - b. Pyrotechnic signal
    - c. Smoke signal
    - d. None
    - e. Other
  8. Patient Nationality and status



OSC Emerge... Office Chat

- incident commander is the primary point of contact and source of truth about your incident. They see the big picture, manage all the moving pieces, know what's been tried and what's still on the radar, and plan for and manage next steps.  
7/22/2021 12:13:50 PM
  - Contact me here if you need a rapid response on high priority action items.  
7/22/2021 12:16:35 PM
  - Life Flight is arriving, popping blue smoke.  
7/22/2021 12:21:04 PM
  - We need Snickers to circle around, we're still prepping the burn. Patient is Ambulatory.  
7/22/2021 12:22:40 PM
- Enter text... ↑

Fireteam 1 - T...

- On scene commander is on site.  
7/19/2021 5:43:42 PM
  - Personnel deploying to position. We'll be ready to go in 15min.  
12/27/2021 10:58:57 PM
  - Ordering a life flight for 1 ambulatory patient.  
12/27/2021 11:02:18 PM
- Enter text... ↑

Equipment L...

	A	B	C	D
1	Fire Station1	Personnel	Equipment	Position
2	on scene	Diane	Burn kit	Medic
3	on scene	Charile	Water Truck	OSC
4	on scene	Bob	Fire Truck 1	LT
5	on scene	Alice	Ambulance1	Driver
6	en-route	Snickers	Life Flight	Pilot
7				
8				
9				
10				



# Maui Fires 2023

Disaster Relief Operations Portal

295m



System | Spec Channel | West Maui - HI

- Hawaii Emergency Management Agency
- Windy Weather and Webcam
- Maui Relief Requests & Offers
- Open Link
- Edit

http://govern... | https://www.youtube.com | http://govern... | http://govern...

hawaii.gov

State of Hawaii  
Hawaii Emergency Management Agency

Home - August 2023 Wildfires

### AUGUST 2023 WILDFIRES

The Hawaii Emergency Management Agency is supporting wildfire response and recovery efforts in Hawaii and Maui counties, including the extensive damage in Lahaina.

This page will be updated regularly to reflect new information.

- Visit Maui County's comprehensive website with information on how to get relief, volunteer, and make donations: <https://www.mauihirescue.org/>
- For updates on Maui, visit the County of Maui website: <https://www.co.maui.hi.gov/>

NEWS: NEW QUESTIONS ABOUT LACK OF WILDFIRE SIRENS

https://www... | https://www.windy.com/742.762-158.44511

Windy.com

Search location

Radar & Satellite  
Wind  
Wind gust  
Rain, thunder  
Temperature  
Clouds  
Waves  
Air quality  
More layers...

Monday 18 - 8 AM

1 more...  
ECONOMY | NAJA | GDP | 1 more...

https://dasst... | https://firms... | https://hawaii... | https://www... | https://www...

Quick Search | Announcements | Feedback

### FIRMS

Fire Information for Resource Management System

Free: Aug 09 2023 - Aug 15 2023

MEASURE | LOCATION | LAYERS | ANALYZE

NEW DATA MAY BE AVAILABLE: Click to Refresh Data Layers

https://www.google.com/maps/@19.0743085,-155.4884406,4.27z/data=!3m1!1e3!3m1!1s20.8644406,156.7022693,156.7022693,3a0,75t/data=!3m1!1e3!3m1!1s20.8644406,156.7022693,156.7022693,3a0,75t

### Fire Affected Region of Lahaina

Fire Affected Region of Lahaina

Description  
Total Area: 2,438.41 acres

Last Report: August 13 2023 8:55 PM GMT  
Nogrevious reports available to calculate growth. Lower total area burned perimeter shown on map.

Reported data reflects overall fire to date, not currently burning area. Check report date for finalness; also satellite defectors can provide additional information on recently burning areas. Learn more about fire data sources.

AltView - <https://fire.hawaii.gov/>

NASA FIRMS  
<https://firms.modaps.eosdis.nasa.gov/map/#2.24hrup/19.0743085,-155.4884406>

2 photos



- Maui Relief Requests & Offers X
- Road Closure X
- Quick Links | Leave a Note X
- Leave a note or message here for Aloha Response Team
- Open Channel
- Edit



## Maui Relief Map - Haves & Needs

This is a form to collect and coordinate needs (requests) and haves (offers) for people directly affected or contributing to the Maui Fires 2023 relief effort. Please contact the map maker at [bd@plan-systems.org](mailto:bd@plan-systems.org) if you need assistance.

### Quick Links a... X

- View a Network L...  
8/14/2023 11:13:54 PM
- This Channel Is fo...  
8/12/2023 8:16:10 AM
- If you're tracking ...  
8/14/2023 11:14:28 PM

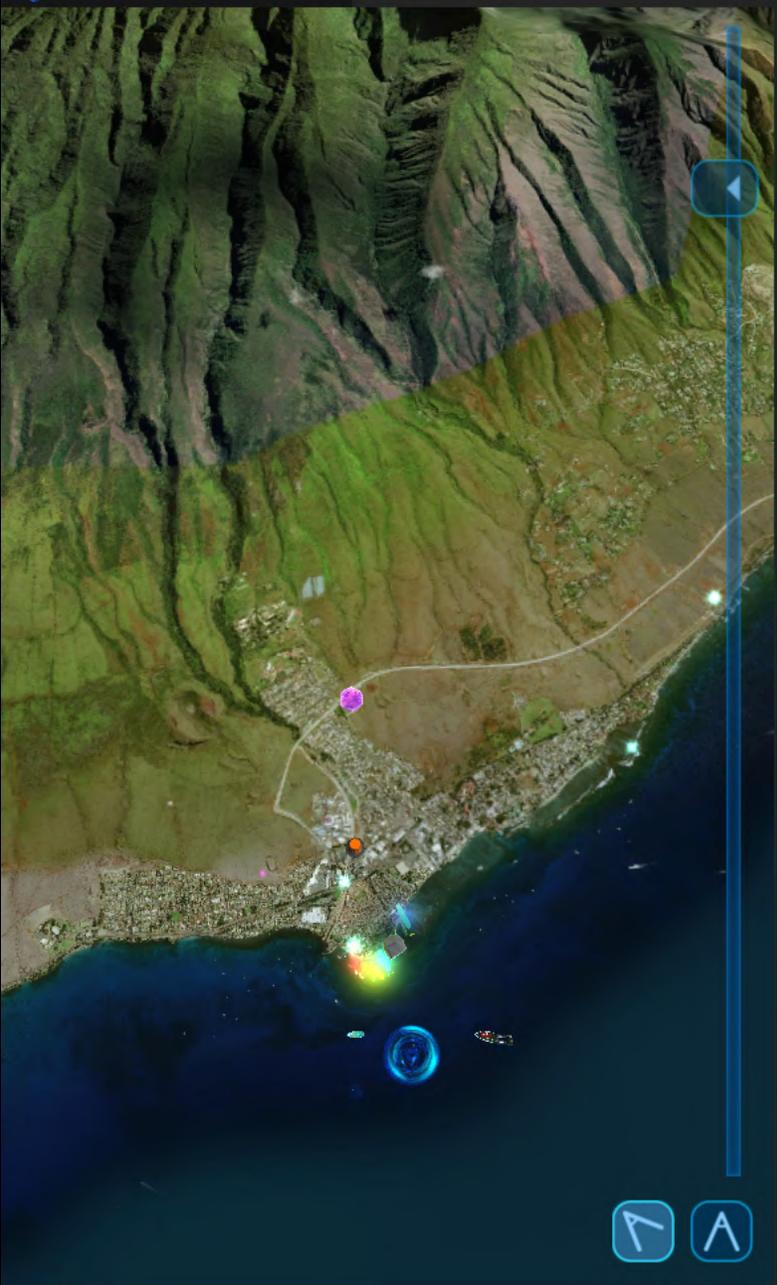
If you're tracking the Maui Fire 2023 Situation, I've been combining some resources and info for maui fire relief into the following:

Maui Fires 2023 - Google Map:  
<https://www.google.com/maps/d/u/0/edit?mid=1pbT9d0xbLSIdMcoRYEA5WlQWj8HYz18&usp=sharing>

Map Request Form (linked to spreadsheet):  
<https://forms.gle/Yff8gwmhAvDN3VDK6>

Mapping Spreadsheet (linked to form):  
[https://docs.google.com/spreadsheets/d/1X\\_nsEEDhQ029I0eoavHpDg8JLJL1rZpuiauL4VYDuhU/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1X_nsEEDhQ029I0eoavHpDg8JLJL1rZpuiauL4VYDuhU/edit?usp=sharing)





# Hurricane tracker

Hurricane category 3  
**Hilary**

Wind speed  $\rightarrow$  Pressure  $\curvearrowright$   
**100 kt** **28.29 inHg**

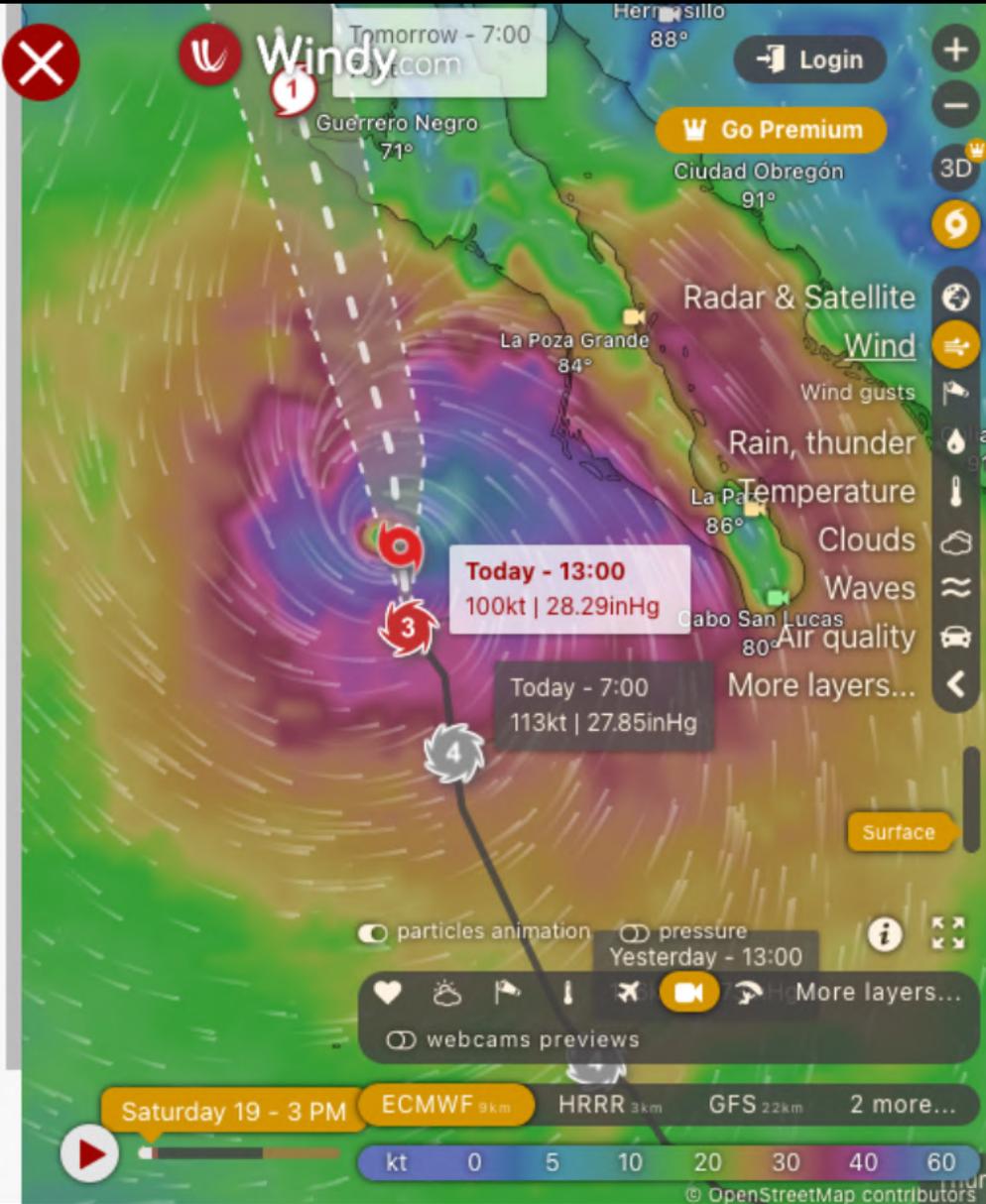
Forecast model:  
**NHC-EP** UKM ECMWF

Updated 2h 46m ago

Tropical depression  
99I

Tropical depression  
98I

Tropical depression  
90I

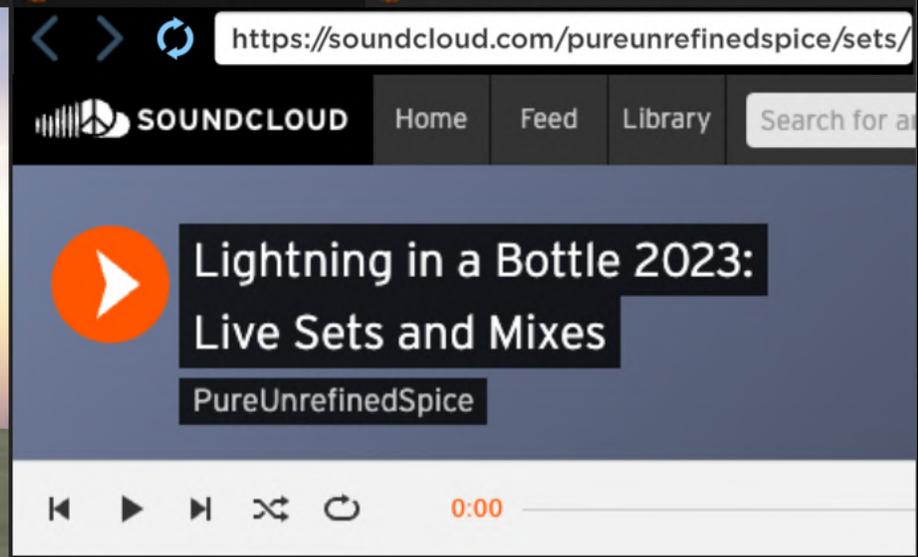




# Lightning in a Bottle

3D Festival App: collaboration meets media fusion







# 3D NFTs



Share and Trade Digital Assets and Experiences





Ethereum

LAST BLOCK 4 SECONDS AGO

Your Ad Here with MoonHeads

#17948387	13 Gwei	+1 Gwei
#17948388	13 Gwei	+1 Gwei
#17948389	12 Gwei	+1 Gwei
#17948391	11 Gwei	+1 Gwei
#17948392	12 Gwei	

Low Fee Line: >75000

# We've delivered inspiring, multi-platform applications



## SoundSpectrum Music Visualizers:

- ❖ Licensed by Apple (2000-2021)
- ❖ 1M+ lifetime users
- ❖ 50K+ active users
- ❖ Mac / Win distribution



## Tunr Media Player Visualizer

- ❖ 3000+ Podcasters, 400 NetRadio Producers
- ❖ Integration with Spotify, Pandora, SoundCloud, iHeartRadio
- ❖ iOS distribution



## PLAN 3D (alpha)

- ❖ Platform for Collaboration & Information Exchange
- ❖ 3D Spaces and Channels
- ❖ Distributed Infrastructure PoC
- ❖ Mac, Win, iOS, Android, Linux

# Project Overview

## The Team:

Led by Navy and USAF veterans with foundational expertise in dual-use technologies, 3D graphics, and realtime systems.

Brandon: 24yrs geo-spatial and information systems, veteran USAF intelligence, emergency rescue, digital media producer

Drew: 27y comp-sci, distributed systems, 3D graphics, successful retail software business, US veteran / 688i naval officer



## Foundational Technology

Infrastructure and Interfaces

- ❖ Embedded lightweight pluggable infrastructure
- ❖ Content publishing system & SDK for Unity
- ❖ Globe Space UI / UX & Hex Tile Systems with seamless spatial linking

## Current Development:

- ❖ PLAN 3D Situation Builder
- ❖ White-label model and implementation processes
- ❖ App / platform component integrations & stable builds
- ❖ Partner Pilots - 3D content development, crate and custom 3D spaces

## Products & Services

### Vision:

- ❖ amp.SDK turnkey framework
- ❖ Planetarium style 3D GUI & control system
- ❖ Pluggable / scalable backend infrastructure (hybrid DLT)
- ❖ 3D app distribution pipeline
- ❖ Rapid builds with templates & plugins extensibility
- ❖ Marketplace ecosystem monetization



Technology Partner:

PLAN  Systems

# Ask: [Make Contact](#)

- Angel / Seed investment to accelerate core development and production launch. We're asking for \$250K to deliver:
  - Stable builds across all major desktop, mobile, and select 3D/XR device ecosystems
  - Planetary HexGrid control system / 3D tile system
  - Streaming A/V, data visualization, and files
  - API integrations and payment gateways
- Pilot Partnerships and Sponsored Projects
  - 3D content (crate) deployment
  - 3D Spaces / experience design
  - Pilot to app / platform development

