

HEDRON

Connecting space to
Earth in realtime.



Hedron is building a network of data relay satellites that will solve the connectivity problems faced by remote sensing constellations.

CONNECTING SPACE TO EARTH 24/7

Earth Observing Satellites spend 70% of their orbits in connectivity blackout zones, forced to hold their critical data onboard until the next downlink opportunity. With leading multi-aperture optical technology, Hedron is building the critical infrastructure that makes high bandwidth, low latency connectivity to space a reality.

Space’s open data relay network is built with Earth’s best technology.

LOW LATENCY

Hedron’s initial operating demonstration will decrease data downlink latency for client GEOINT satellites after data collections in any Area of Responsibility.

ALWAYS ON TASKING

With the deployment of converter satellites in close proximity to partner GEOINT collection satellites, *Hedron* delivers an “always on” TT&C and a direct connection to the *Halo Network*.




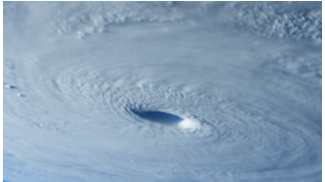

BACKWARDS COMPATIBILITY

The *Halo Network* will leverage software defined radios to ingest EO data from legacy imaging satellites in a wide range of radio frequencies, allowing clients to extend their downlink capacity while using existing hardware.

INCREASING THROUGHPUT

By increasing data rates and widening ground station availability, the Hedron network will enable EO satellite operators to downlink and deliver up to six times the amount of data previously possible.



The data to fight
forest fires, 
 plan food security,
observe oceans, 
track emissions,
 predict natural
disasters, monitor
maritime areas and
saves lives 
is up there.

We're bringing
it down here.

Remote sensing satellites gather data that helps feed, effect, and protect millions. They provide crucial weather data, help optimize industrial-scale agriculture, track vital industrial assets, aid in disaster response, and more.

TIMELINE

Hedron’s demonstration satellites
set to launch in 2022.



2017

Hedron raises \$3.5M in seed funding



2018

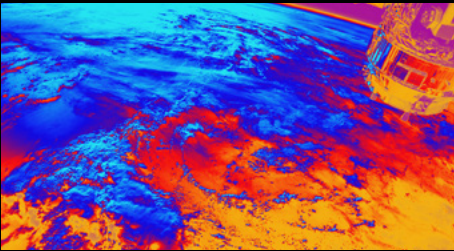
Radix, the first tech demo satellite, commences test campaign fully booked with government and commercial partners.

FCC authorizes data relay test with first customers

2019

\$3M win on Space Pitch Day

Licenses the Inter Satellite Optical Communicator (ISOC) from NASA JPL.



2020

Hedron receives a \$26.4M USSF Contract to build out the initial operating demonstration satellite network.

Opens an Optical Communications Test Lab in Los Angeles, California

Fully booked benchtop test campaign with premier remote sensing satellite constellation operators underway.

2021

Raises +\$17.8M Series A Financing Round

Announces Senior Leadership Appointments and announces name change to Hedron.



ADVISORY BOARD

Robert Cardillo	Former Director of the NGA, Former Deputy Director of National Intelligence
Pete Worden	Former NASA Ames Director Chairman, Breakthrough Prize Foundation
Peter Marquez	Former White House Director of Space Policy, Head of Space Policy at AWS
Mike French	Former NASA Chief of Staff, Former Bryce Space & Technology SVP of Commercial Space
Justin Oliveira	Advisor and Co-Founder
Amanda Koenig Fuisz	Former Technology Legal Strategist, Senior Attorney, NASA
Ramana Nanda	Sarofim-Rock Professor, Harvard Business School
Steve Blumenthal	Former Speedy Packets VP of Engineering, VP of Engineering at Wafer

PROGRESS AND ACCOLADES

U.S. Space Force Contract	Currently on contract to prototype and deliver data delay as a service with 2 AFWERX awards.
2019	Fast Company Most Innovative Company
2019	AFRL - sponsored Catalyst Space Accelerator Cohort
2018	NASA iTech Competition Winner
2016	MassChallenge Platinum Prize Winner

CONTACT

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