



COPERNIC SPACE

The Marketplace for Digital Space Assets and Companies

Our Story



Built on the multigenerational goal of its founders to provide democratized access to the space economy, Copernic Space is an open marketplace to manage and commercialize downstream applications, and fund space related projects globally.

With millions of companies able to benefit from these digital space assets and millions more individuals wanting to financially contribute to space projects, Copernic Space uses innovative technology and models to scale up the commercialization and financing of the space economy.

Locations:

**Los Angeles,
Warsaw**

Founded:

2020

Stage:

**MVP,
Partner Use Cases**

Our Team

A group of entrepreneurs and industry veterans from the computer industry, aerospace companies, and leading blockchain startups.

This includes founders, management, and developers from related industries that are uniquely positioned to create a blockchain-based marketplace for the digital space economy.



Grant Blaisdell

CEO



Chris Jones

CTO



Eva Blaisdell

Co Founder




+4

members

Head of Data
Head of Blockchain
Business Development
Digital Marketing

Our Market



Set to be a \$3T market within two decades, the Space economy reached \$414.8b in turnover in 2018

The downstream segment of the industry that Copernic Space is focused on represented around \$207b of that turnover



EO analytics is growing with over 20 NewSpace companies deploying EO constellations that will increase the availability and demand for data

Over 1.4m companies in Australia could benefit from the downstream segment while over 100k companies are actively looking for easy access to satellite imagery



"There are very few industries out there that wouldn't in some way benefit from this kind of data. ... How do we make that an efficient and effective process to make that happen?"

— Krystal Azleton of the Secure World Foundation

From Obstacles



Unscalable and Inefficient Commercialization

No marketplace to discover, acquire, and access digital space assets, while millions of entities could or want to purchase them



Segmented Processes and Bureaucracy

Rights management, licensing, and transaction processes are outdated and ineffective, increasing costs and limiting growth



Limited capital and funding models

Slow and funding mechanisms for space projects, while million of individuals would like to financially support space projects.



General Market Can't Participate

Countless benefits and revenue are lost by a lack of digital platforms opening the space economy onto the greater public market

To Opportunities



Scale Commercialization of Assets

Digital space assets such as satellite data can be easily acquired and accessed in one place, unlocking a larger and more efficient market



Streamline Licensing and Procurement

Manage assets, automate payments, and create fully auditable revenue sharing models through a token fueled smart contract system



Publicly Finance Projects

Fundraising model allows space projects, whether a startup or NASA, to utilize the public to help finance their initiatives



Democratized Access

Securely engage countless entities wanting to participate in the Space economy, whether you're selling, buying, or funding

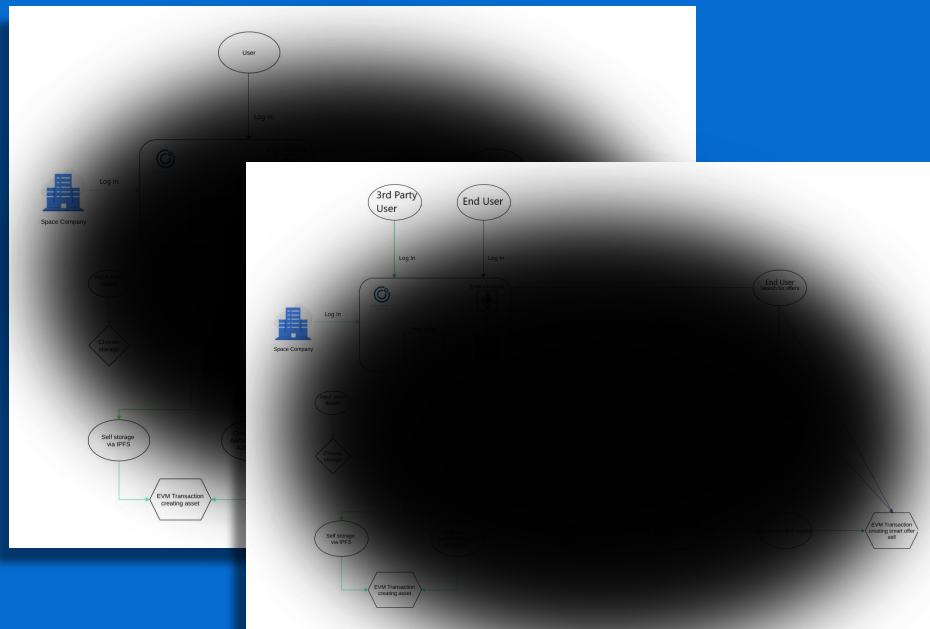
“Stakeholders must know the data they receive is reliable and that their ownership stake in a satellite (or the service it provides) is secure and they will get proper payment. Blockchain distributed ledger provides these assurances”

— World Economic Forum

Marketplace

Commercializing NewSpace

The Marketplace unlocks downstream apps, IP, and software onto the world. Now related space enterprises can better manage and monetize their digital space assets while the global market benefits from an easy way to discover and access them.



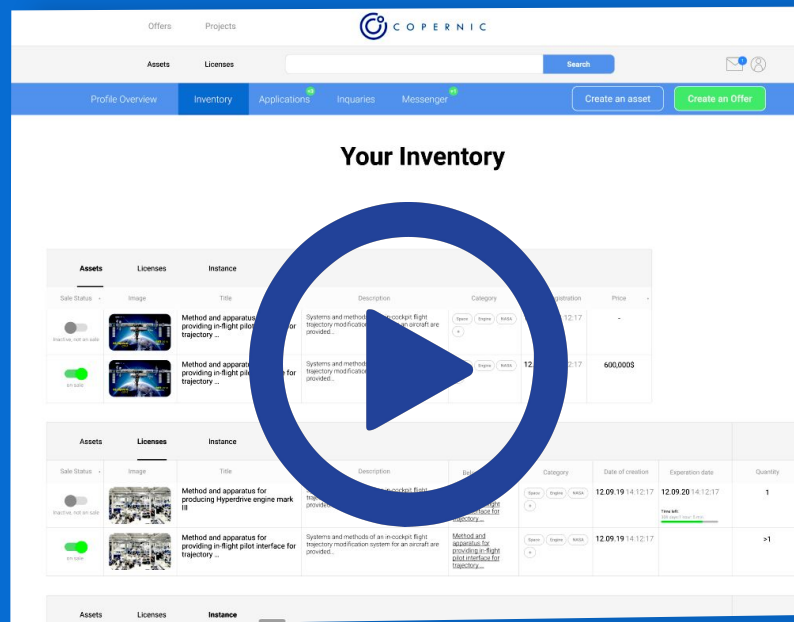
Marketplace

Register your space assets such as imagery

Create offer with tokenized rights and access

Discover offer on the marketplace


Acquire token and securely accesses imagery



SmartFund

Financing NewSpace

The opportunity for space related projects to showcase themselves and garner financial support from the public. Built on a token crowdsale mechanism, finally the wider public gets financial inclusion in space while space projects have an alternative financing model.



Method and apparatus for providing in-flight pilot interface for trajectory ...

Quantity:
5

Categories:

Space

Engine

Space

Space

Engine

+

Edit

Current status:
Pending KYM
Check all Events

DescriptionFilesAsset eventsRelated AssetsRelated Offers

Create an Offer

About

Systems and methods of an in-cockpit flight trajectory modification system for an aircraft are provided. A receiver is capable of receiving flight-related hazard information. A traffic aware planner (TAP) module

The present patent application concerns a method and apparatus that generates flight-optimizing trajectory(ies) for aircraft to facilitate the operation of such aircraft. More specifically, the present invention provides an apparatus and method to improve the likelihood of submitting an approvable trajectory change request.

2. Description of Related Art

As should be apparent to those skilled in the art, requests for trajectory changes are regularly made by pilots to air traffic controllers during flight.

As also should be apparent to those skilled in the art, requests for trajectory changes are more likely to be approved if the requested trajectory does not conflict with trajectories of other traffic aircraft.

The technology

NASA Goddard Space Flight Center now offers a new capability for meeting this Big Data challenge: MERRA Analytic Services (MERRA/AS).

MERRA/AS combines the power of high-performance computing, storage-side analytics, and web APIs to dramatically improve customer access to MERRA data. It represents NASA's first effort to provide Climate Analytics-as-a-Service.

Retrospective analyses (or reanalyses) such as MERRA have long been important to scientists doing climate change research. MERRA is produced by NASA's Global Modeling and Assimilation Office (GMAO), which is a component of the Earth Sciences Division in Goddard's Sciences and Exploration Directorate.

Copernic Space Today

MVP

Features include:



Create assets



Manage assets



Sell/Buy assets
via SmartOffer



Finance project
via SmartFund (Feb)

Related Assets



Licence of method and apparatus for producing Hyperdrive engine mark III

Based on:
[Method and apparatus for providing in-flight pilot interface for trajectory...](#)

Systems and methods of an in-cockpit flight trajectory modification system for an aircraft are provided. A receiver is capable of receiving flight-related hazard information. A traffic aware planner (TAP) module

Category



[Learn more](#)

Owner (Asset): [The United States of America as represented by the Administrator of NASA](#)



Price:
from 4,000\$ / annually
Available:
1 piece

Date of creation:
12.09.19 14:12:17

[Apply now](#)



Hyperdrive engine mark III

Based on:
[Method and apparatus for providing in-flight pilot interface for trajectory...](#)

The ion engines disclosed herein may be operated singly or in clusters as desired in a space vehicle. Additionally, ion engines may be positioned on the space vehicle so as to provide navigation and direction of travel of the vehicle. The ion engine of this...

Category



[Learn more](#)

Owner (Asset): [The United States of America as represented by the Administrator of NASA](#)



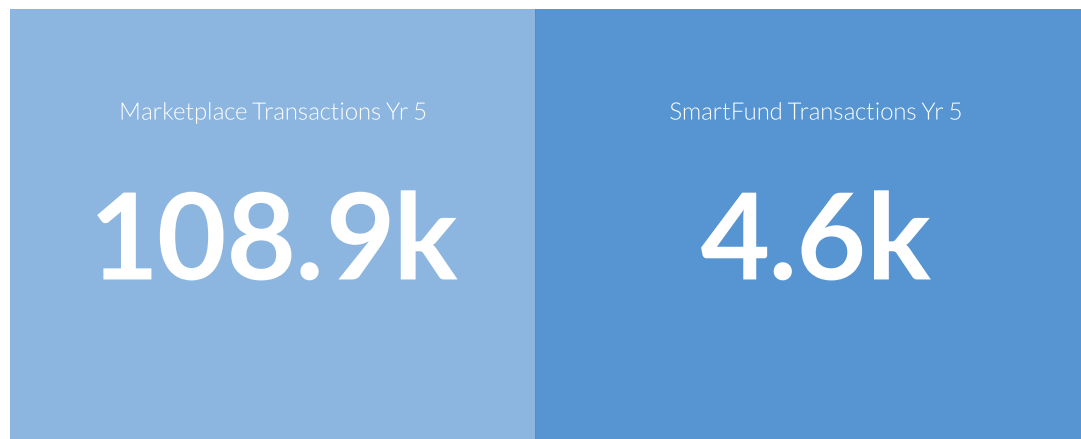
Price:
27,000\$ / piece
Available:
64 pieces

Production date:
12.09.19 14:12:17

[Buy now](#)

Business Model

Copernic Space functions on a tiered commission model per transaction depending on transaction size. Each transaction is tied to a smart contract, automating procurement. Private marketplace and enterprise integrations along with ad models on the public marketplace supplement core revenue streams.



Timeline

MVP Released
Pre Seed Funding

Jan - Feb 2021

First users onboarding
Use case execution

Beta
First public tx

Mar - Apr 2021

Jun - Aug 2021

Seed Funding

Sept - Dec 2021

Product Launch
50 transactions

Jan 2022

\$1m in transactions

June 2022

Funding

Copernic Space has been entirely self funded by the founders and a few members of our extended team we call “astronauts”. Now we’re opening up the opportunity to launch with us to others. Through an upcoming seed round, Copernic Space will build out a full team and product to take Copernic Space to market.



Biz dev

scale buyer/seller acquisition for launch



Marketing

become a leading brand in segment in 1 year



Talent

fill out development and management teams



Product Launch

further product development for full marketplace



COPERNIC SPACE

Unlocking the Digital Space Economy

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