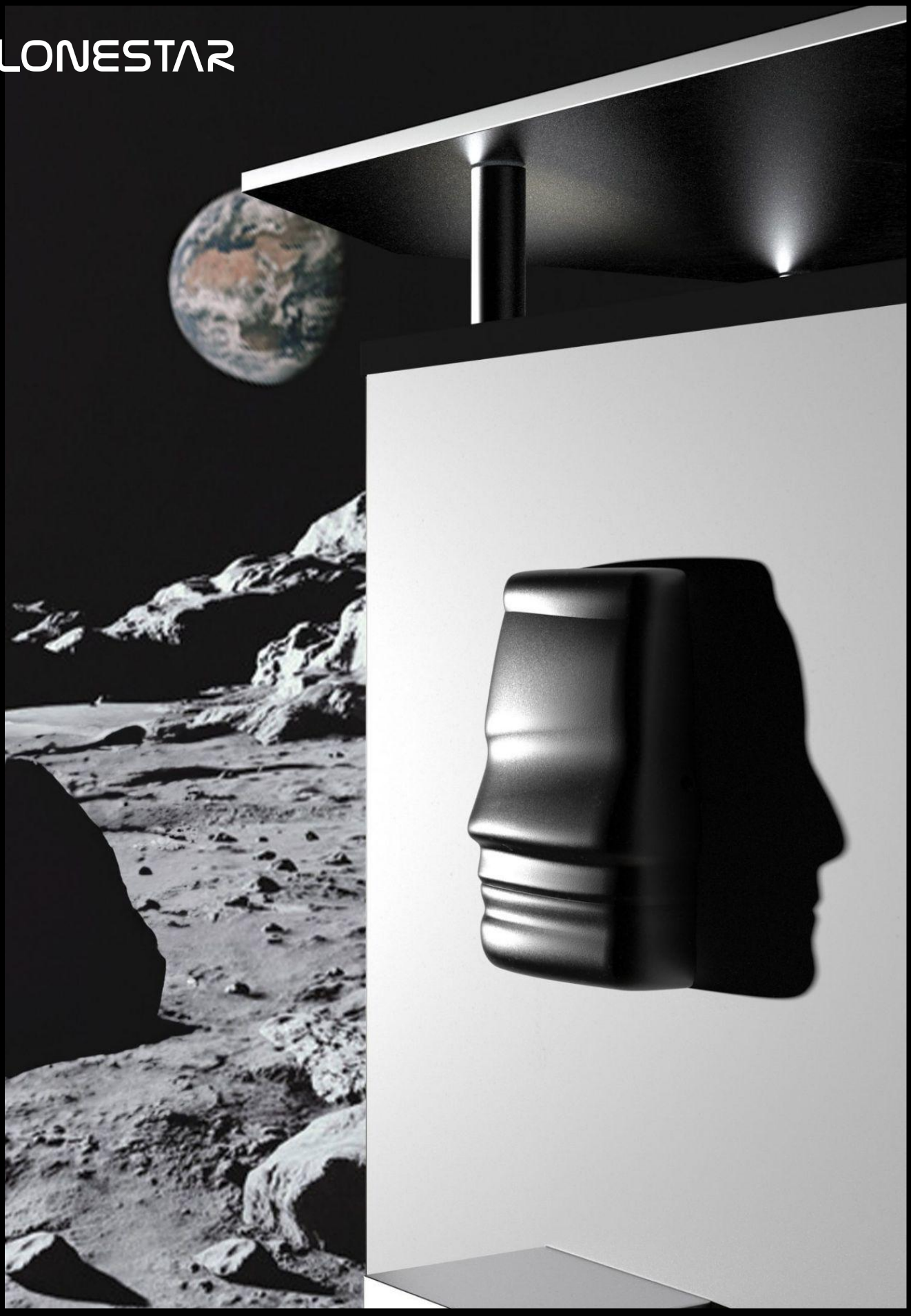
LONESTAR

FREEDOM DATA CENTER PRESS KIT



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WELCOME TO FREEDOM
OUR DATA CENTER TO THE MOON

Lonestar's Freedom Data Center Payload On Intuitive Machines' Athena Lander for IM-2
Image Credit: Intuitive Machines

If you have any questions or media requests please contact us? We have great stills, B Roll, and more:

📧 **Media Email**: media@lonestarlunar.com

🌐 **Media Portal**: www.lonestarlunar.com/media

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QUICK FACTS: MISSION AT A GLANCE

Launch Date	Launch is no earlier than February 26, 2025 from Cape Canaveral, Florida
Lonestar's Providers	Flying to the Moon with Intuitive Machines. Launching with SpaceX onboard a Falcon 9 Launch Vehicle. Payload built for Lonestar by SpaceBilt and designed by Bjarke Ingels of BIG.
Mission Milestones	*Core Objective*: Commercial test and operations enroute to the Moon. *Secondary Objective*: Test and Operations of First Commercial Data Center from the Surface of the Moon. Duplicating results from the test enroute to the Moon.
Lonestar's Freedom Payload	Freedom is Lonestar's next generation data center to the Moon. It is the first data center built and designed to work off planet: modern edge processing combined with 8TB of Phison storage on board.
Lonestar Customers	Data storage and resiliency customers, edge processing customers, and onboard hosted ARMAS radiation sensor.
Unique & Interesting Aspects of Mission	Lonestar is hosting data for a select group of Humanitarian causes and NGOs; the payload has a 3D Printed exterior designed by Bjarke Ingels of BIG; Data for Governments, including State of Florida and others; Edge processing for Valkyrie Intelligence and the Exploration Institute; we are testing Delay Tolerant network for Vint Cerf and the Solar System Internet project; a copy of Bethesda Games 'Starfield is on board and we are transmitting the song 'Children of the Sky' featured in the game back to Earth, recorded by the internationally acclaimed group, Imagine Dragons; the data test for the Isle of Man Government includes stamps to be digitally franked on the Moon.
Freedom Follows the Independence Mission	In Feb 2024, Lonestar successfully flew and tested its software defined data center in CisLunar Space and from the surface of the Moon, flying on board Intuitive Machines' Odysseus Lander. The State of Florida was Lonestar's anchor customer for data storage. Lonestar transmitted the Declaration of Independence to the Moon as the first document to be stored off planet.

MISSION OVERVIEW

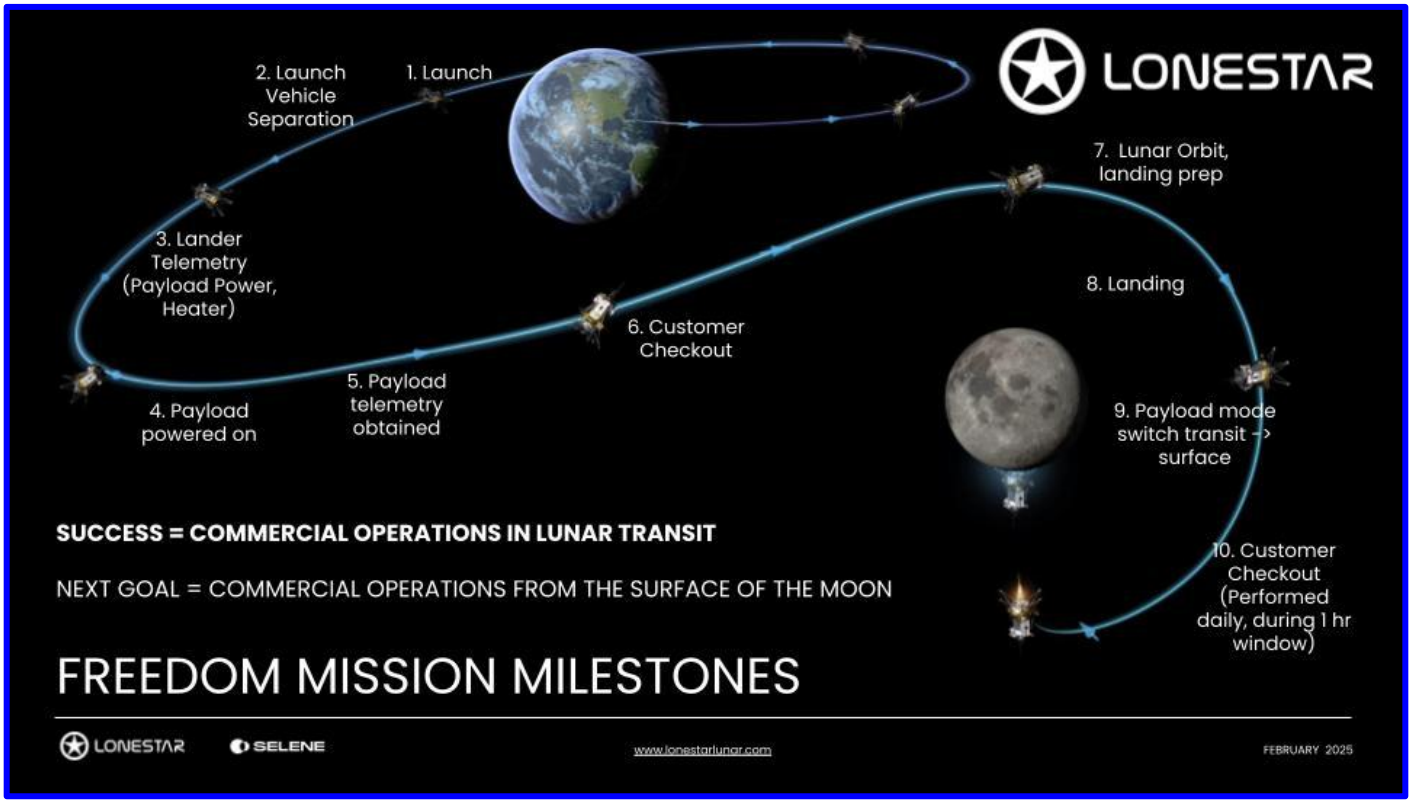

Image Credit: Jason Riley, Artificial Lense

Mission Overview

Freedom is Lonestar's next-generation data center to the Moon. It is a payload on board Athena, Intuitive Machines' NOVA C Lunar Lander.

This solar-powered, naturally cooled, fully functional data center is designed to provide unique Resiliency as a Service and Disaster Recovery data storage to Lonestar's data storage customers with edge processing services for government and enterprise customers.

It is the first of its kind, an historic mission that will lay the foundation for future data centers on, in, and around the Moon.

FREEDOM DATA CENTER OVERVIEW

- The Freedom Mission is Lonestar's *next* generation data center payload to the Moon with Intuitive Machines.
- *Freedom i*s a fully functional solar powered and naturally cooled data center.
- Lonestar provides premium secure data storage for Resiliency and Disaster Recovery as a Service. In addition, Lonestar offers edge processing services to government and enterprise customers alike.
- *Freedom* directly builds on the success of Lonestar's first payload with Intuitive Machines, *Independence*, a software defined data center that successfully and commercially operated from the surface of the Moon and in CisLunar space.
- *Freedom's* 3D printed exterior has been designed by globally renowned architects, Bjarke Ingels and Martin Voelkle of BIG.

Freedom on the Moon
Image Credit: BIG

Freedom Payload Contractors for Lonestar:

- **Built by**: SpaceBilt
- **Onboard SSD Storage**: Phison
- **Edge Processing**: MicroChip Polarfire
- **Hosted Payload**: ARMAS Radiation Sensor provided by SpaceBilt and Spacewx.

DESIGNING FREEDOM

Image Credit: Jason Riley, Artificial Lense

- *Freedom's* 3D printed exterior has been designed by globally renowned architects, Bjarke Ingels and Martin Voelkle of BIG.
- The design is a tribute to the human spaceflight programs that precede ARTEMIS: Apollo, Skylab, Space Shuttle, and International Space Station, with the payload reflecting the silhouettes in profile of NASA Apollo Moonwalker Astronaut Charlie Duke (Apollo 16) and NASA Spacewalker Astronaut Nicole Stott (STS 128, 129, 133, and ISS Expeditions XX, and XXI)

Bjarke Ingels
Image Credit: BIG

FREEDOM'S CUSTOMERS

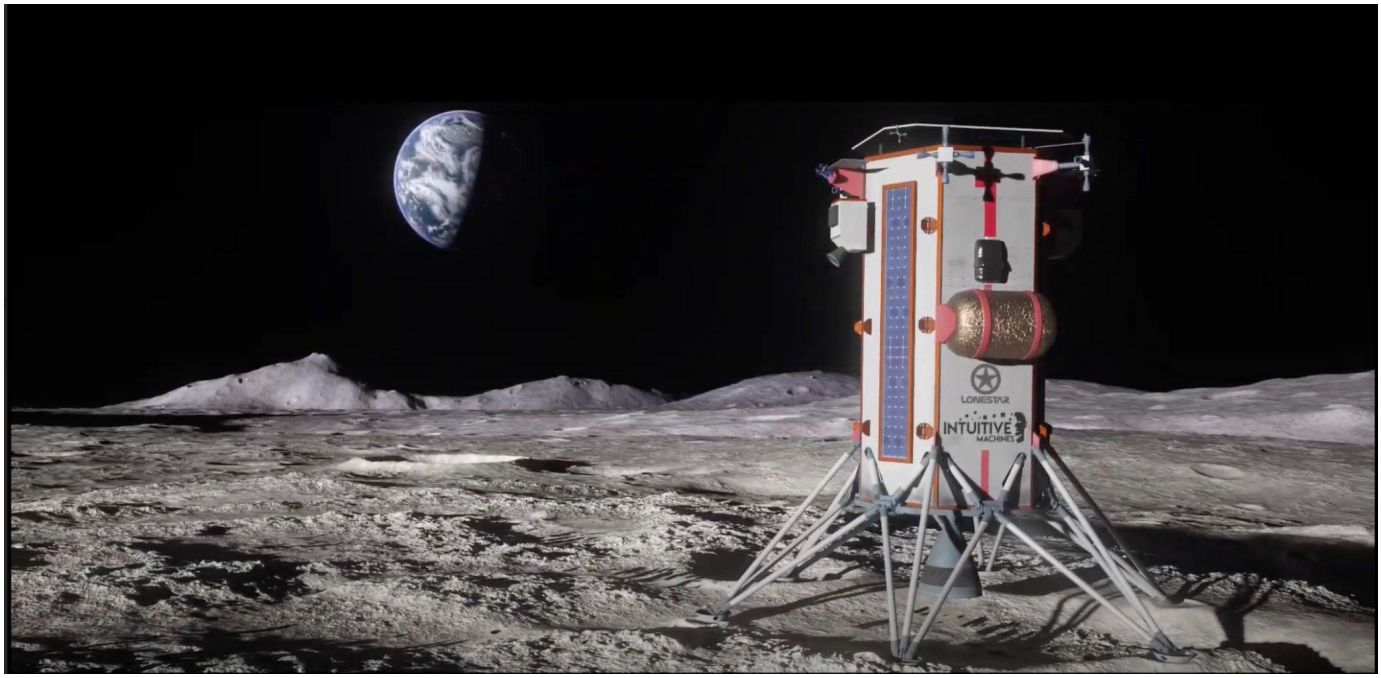

Image Credit: Jason Riley, Artificial Lense

Freedom provides a platform for data storage and Edge Processing services for Government, Enterprise, and NGO customers alike. The following is a list of some of the customers that we can publicly disclose:

Freedom's capacity is over subscribed, with Lonestar providing Resiliency as a Service and Disaster Recovery data storage and edge processing services to government and enterprise customers.

- ❏ Data Storage for Governments and Enterprise: State of Florida and others
- ❏ Freedom is running groundbreaking edge processing applications for:
  - ❏ Valkyrie Intelligence: Knowledge Graphs with data from the Harvard Smithsonian Center for Astrophysics
  - ❏ Vint Cerf and the Solar System Internet project: Delay Tolerant Network
  - ❏ Exploration Institute: Active Vigilance radiation predictive software
  - ❏ Isle of Man Government Business Continuity test utilizing digitally franked Isle of Man Post Office stamps.
  - ❏ Other commercial customers are under NDA and will be announced post mission.
- ❏ Armas Radiation sensor for SpaceBilt and Space Environment Technologies.
- ❏ Lonestar is working with Flexential to backup Lonestar's mission operations and mission control in Florida.

BETHESDA'S STARFIELD AND IMAGINE DRAGONS* SUPPORTING STEM EDUCATION

IMAGINE DRAGONS

Lonestar will be transmitting 'Children of Sky' for Imagine Dragons from the surface of the Moon. The piece is the theme song for Bethesda's game, *Starfield*, recorded by Imagine Dragons.

Starfield Website: https://bethesda.net/en/game/starfield

Education and Fan Engagement:
Bethesda and Lonestar are partnering to invite one lucky fan to witness the launch of Lonestar's Freedom mission, the first off-planetary data center on the Moon. The winner will join the Lonestar team as part of a STEM Education Initiative and in partnership with SEDS: Students for the Exploration of Space.

For more information please see:
https://bethesda.net/en/article/31jVD2b0QeqMK7kVgQLCED/starfield-x-lonestar

LONESTAR'S HUMANITARIAN PROGRAM

Lonestar believes in preserving all of Humanity's data and is proud to be supporting the following NGOs:

- ❑ Geeks Without Frontiers & N50
- ❑ Grunt Style Foundation
- ❑ Institute of Space Commerce
- ❑ Instituto Ayrton Senna
- ❑ Lunar Museum of Art (LUMA)
- ❑ National Medal of Honor Museum
- ❑ Plant A Million Corals
- ❑ Space For Art Foundation
- ❑ The Awesome Wheels Project
- ❑ The Kalpana Chawla Scholarship for ISU
- ❑ The Ilan Ramon Scholarship for ISU
- ❑ The Vatican Observatory
- ❑ X Prize

Lonestar - Saving Earth's Data One Byte At A Time

ABOUT LONESTAR

“SAVING EARTH’S DATA ONE BYTE AT A TIME”

Lonestar Data Holdings Inc. (Lonestar) is a pioneering data services company working to protect all our data by providing the world with a new critical layer of resilient infrastructure. Lonestar’s mission is Resiliency as a Service (RaaS) for premium global secure data storage. To do this, Lonestar is backing up terrestrial data centers and their premium customers via an independent space-based data storage and communications network.

Lonestar was founded in August of 2021 and draws on expertise from proven executives in the aerospace and data storage sectors to develop cutting-edge solutions, ensuring unparalleled data security. In addition to serving the existing terrestrial market, Lonestar infrastructure will be pre-positioned to provide future data services to upcoming lunar missions.

Our market is on Earth while our infrastructure is in Space, offering a highly secured solution. We are celestial and terrestrial. Our goal is global backup, global refresh, and global restore. All of Lonestar’s missions are solar powered and naturally cooled. Lonestar Is committed to net zero. See our video: https://www.lonestarlunar.com/video

LONESTAR IS LED BY AN EXPERIENCED TEAM WHO BRING THE BEST OF DATA AND SPACE TOGETHER

Chris Stott
Founder / CEO

30 years experience in launch, satellite, spectrum. Founded largest commercial provider of satellite spectrum in the world. Consistent returns to investors.

Stephen Eisele
President and CRO

18 years experience in launch and satellites. Led Virgin Orbit global sales from start-up through IPO.

Mark Matossian
COO

30 years experience in data and space industry. Former Global Data Center leader for Google and former CEO Iceye US satellite company.

Carol Goldstein
CFO, CAO

30 years experience in satellite and telecoms finance. Created and led satellite finance units at Morgan Stanley . Led US telecoms unit at UNG and ABN-AMRO

Will Hawkins
CDO / CISO

25 years experience In Disaster Recovery, Cybersecurity, and Data Storage With the US Government, CommVault, and EDSI

Jim Burns-Montante
Chief Engineer

20 years experience In avionics, spaceflight, and radiation, engineering with Honeywell and Draper Labs.

LONESTAR'S TEAM IS AVAILABLE FOR INTERVIEW UPON REQUEST

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