## LUNAR STATION CORPORATION

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## LSC provides

## Moon Navigational Services (MNS)

## Lunar Station Corp (LSC) Snapshot of Progress

- 1. Successful Bootstrap round and fully utilized
- 2. Have 3 Beta Customers, achieved MVP, First revenues soon
- 3. Market **opportunity** and our **pipeline** growing aggressively



## LSC addresses unmet needs of the Lunar economy Challen



LSC Solutions

Highly Disparate Data (across time, missions and sources)

Drive coherency into a 3D Visualization platform

Labor Intensive Data
Onboarding

APIs for data-in and data-out

Lack of Fresh or High Rate of Observations

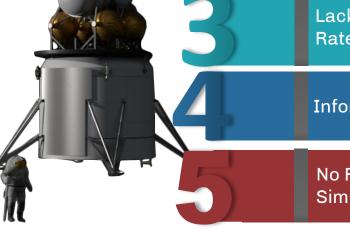
Deploy Reconnaissance Network as Payloads

**Information Bottlenecks** 

Large groups use secure Cloud platform

No Future Looking Simulations

Forecast missions outcomes +2 years out



### LSC Alone checks all the boxes



### **Navigational Needs**





















2) Machine to Machine Sharing











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4) Organizational Enablement

3) Reconnaissance Network











5) Future Mission Simulations













# The LSC Solution **NASA Planetary Data System**

3rd Party Private

**Raw Datasets** 

**Dataset Inputs** 

**MOONWATCHER** 



- · Data ingest
- Data reconciliation Data rendering

#### MoonHacker **Delivery Platform:**

- Core functionality
- Graphical User Interface
  - Cyber-Security
- Client specific instances



- Reliability, Availability and Scalability (RAS)
- Multiple Inputs, Multiple Outputs (MIMO)
  - Virtual Machines (VM)

#### **Remote Sensor Array Network**

- · Scalable and responsive orbital and surface mesh network
- · Modular small, light-weight form factors
- · Visual and infrared sensors
- · Near real-time sensing and data feeds
- · Add-on payload to lunar missions



#### **Lunar Rover Clients**

- Transportation route optimization
- Site analysis and intelligence for specialized rovers (e.g., water, mineral deposits, volatiles, sunlight, etc.)



#### **Lunar Lander Clients**

- · Mission timing optimization
- · Landing zone terrain intelligence (i.e., slope, softness, fissures, sunlight, etc.)
- · Landing zone weather and environmental intelligence (i.e., shading, irradiance, temperature, moonquakes, meteorite storms, magnetism, etc.)



#### **Launch Services Clients**

- · Launch window timing verification
- · Orbital trajectory and insertion affirmation
- · Orbital maneuverability

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## Lunar Station enables clients to:



- Shift fixed costs to variable costs
- Make **better decisions** than others
- Quickly find best places for operations
- Client-confidential instance of platform
- Repurpose limited personnel



## 100's of companies spending \$3 Billion to get to the Moon





































## Lunar Station is poised to pioneer Moon Navigational Services



**TECHTIMES** 

NASA Picks SpaceX, Blue Origin, And 9 Other Firms For \$45.5 Million Moon Lander Study

18 May 2019, 3:00 pm EDT By Ted Ranosa Tech Times

AIR&SPACE

The Return to the Moon With Robots

Little landers built by private companies are leading the way back.

NATIONAL REVIEW

WORLD

China's New Wealth-Creation Scheme: Mining the Moon

By JACK H. BURKE | June 13, 2019 6:30 AM

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Hyperdrive

By Saritha Rai

## Jeff Bezos Reveals Blue Origin's Moon Mission and Lunar Lander

Bloomberg

By Brad Stone

May 9, 2019, 4:56 PM EDT Updated on May 9, 2019, 5:16 PM EDT

June 12, 2019, 5:52 AM EDT Updated on June 12, 2019, 6:20 AM EDT







## **The Lunar Station Team**



BLAIR DEWITT Co-Founder and CEO Leading Big Data / Big Analytics Engineering



Dennis Williams
Head of Business Development
Leading strategic customer
and partner relationships
Boston University

**Advisors** 



Ingrid Centurion
Head of Marketing
Leading Market engagement and
messaging
Embry-Riddle Aeronautical University



Aditya Bhattaru
Head of Space Systems
Leading Space System Design,
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BARRET SCHLEGELMILCH Co-Founder and Advisor Space Systems Engineering MIT



Dr. Sean Casey
Mission Success Advisor
Mission planning review and
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Nathan Fahrenthold
Digital Products Manager
Leading digital community
engagement

University of Texas ©2018 Lunar Station Corp



Matt Blasco Marketing Strategy Advisor Market dynamics and customer analytics coaching MIT



Ankit Jain

Space Systems Engineer
Building Space Systems and Analytics
University of Illinois



## LSC - 2019 Revenue Tracking

Lunar Station Corp - Sales Pipeline



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