

OARS PODS

· A modular approach to remote data processing.

Kevin Tomanka – Business Development Manager

OARS Group

- Marine Geo-Consultants
- EIVA North American Partner
- Houston, TX
- Personnel and Data Processing Services
- Serving Survey Clients Worldwide



Data: Geophysical is Different



The Changes

2018 – OARS Group Expands Data Center

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2019 – Ocean Infinity Announces Armada

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2020 – Pandemic Changes WFH Landscape

The Changes

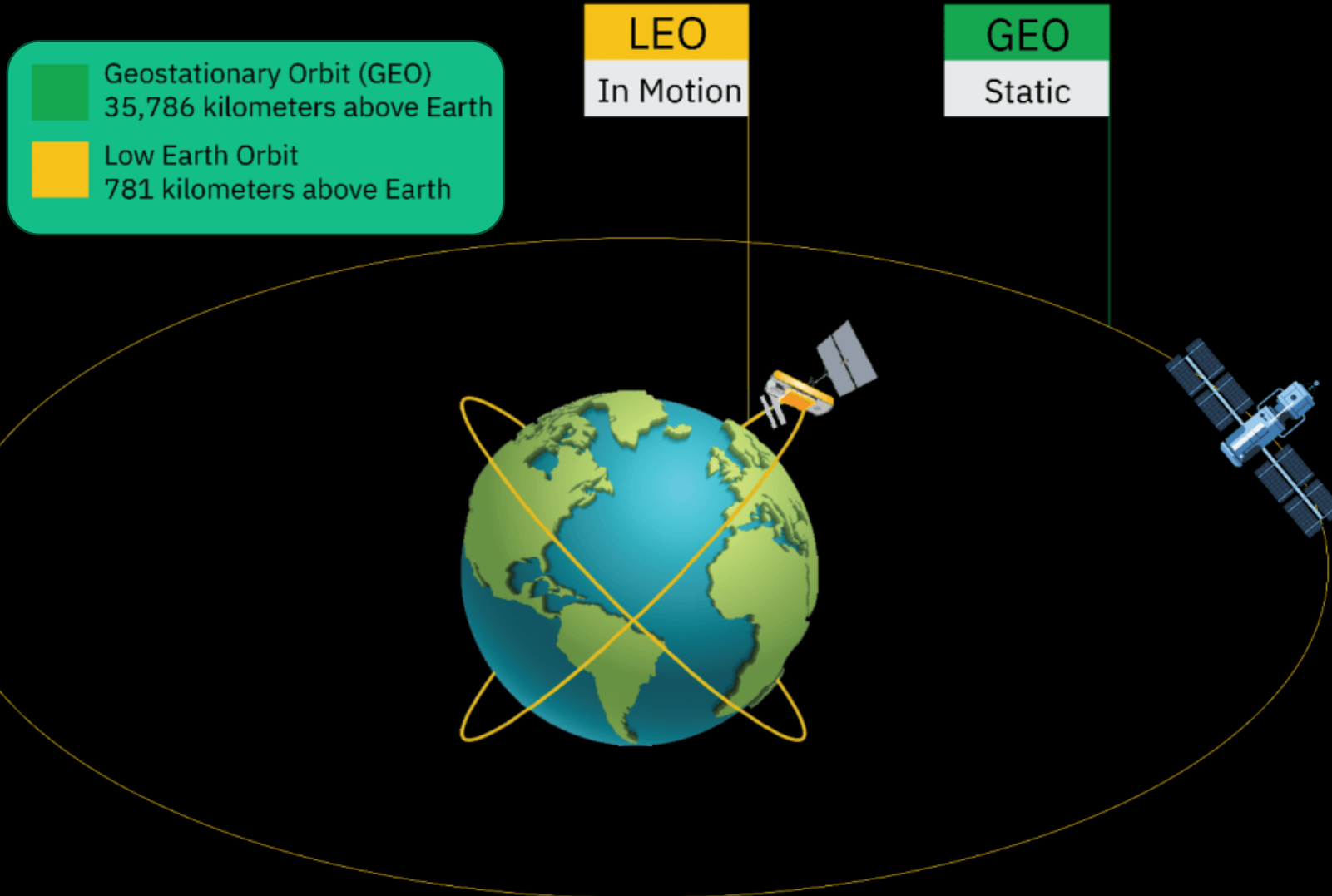
2018 – OARS Group Expands Data Center

2019 – Ocean Infinity Announces Armada

2020 – Pandemic Changes WFH Landscape

2022 – Starlink LEO Mobile Products Available

LEO vs. Stationary Orbits



Bandwidth and Latency

High Bandwidth /
High Latency

The data comes back to shore, but it takes a while to receive it.

Low Bandwidth
High Latency

Remote work is nearly impossible

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High Bandwidth / Low latency
Vessel to Office in nearly real-time

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High Latency

Remote work is nearly impossible





Starlink

ORDER NOW

HIGH-SPEED INTERNET ON THE OCEAN

DOWNLOAD

40-220+ MBPS

UPLOAD

8-25+ MBPS

LATENCY

LESS THAN 99 MS

MOBILE PRIORITY 50GB

Best for low bandwidth applications
while on the water

\$250 /MO

Unlimited Mobile Data inland

MOBILE PRIORITY 1TB

Best for vessels that support small
crews, cloud applications, and video
calling

\$1,000 /MO

Unlimited Mobile Data inland

MOBILE PRIORITY 5TB

Best for vessels that support large
crews, enterprise applications, IoT, and
more

\$5,000 /MO

Unlimited Mobile Data inland

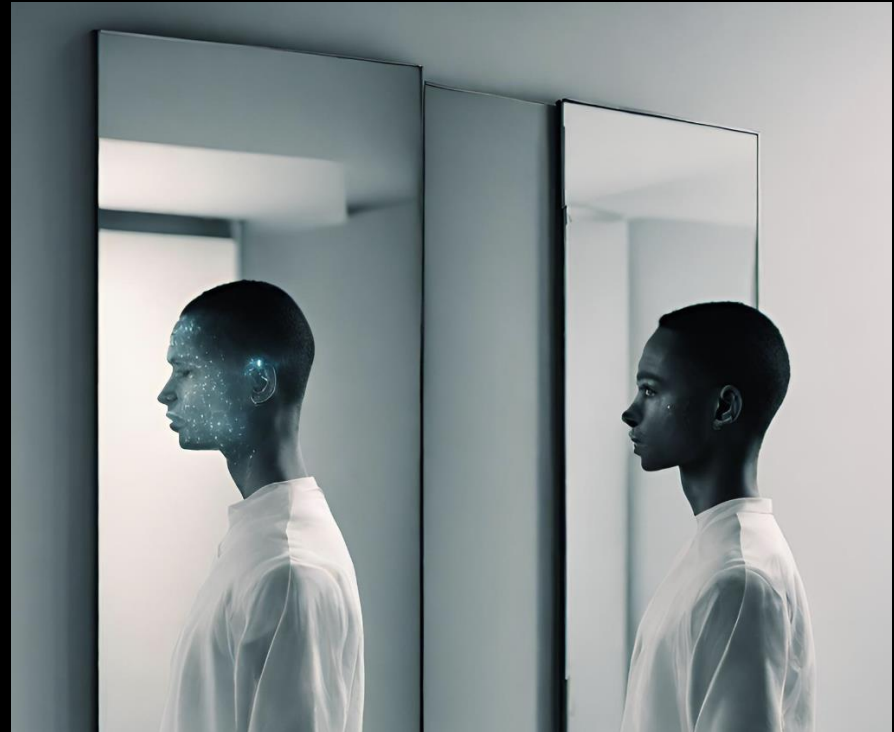


What to do now?



Bring the data back to the office
through the connection?

Or work remotely at the location?



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High Bandwidth / Low latency
Vessel to Office in nearly real-time



Low Bandwidth
High Latency

Remote work is nearly impossible

Low(er) Bandwidth / Low latency
Office to Vessel nearly real-time

Remote Work Systems



Cost Savings

- Mob/Demob
- Travel Expenses
- Day Rates



Quality People

- Doing More with Less
- Consistency of Personnel
- Experience of Personnel



Restrictions

- Pandemics
- Local Content
- In-country Requirements
- Risk Mitigation

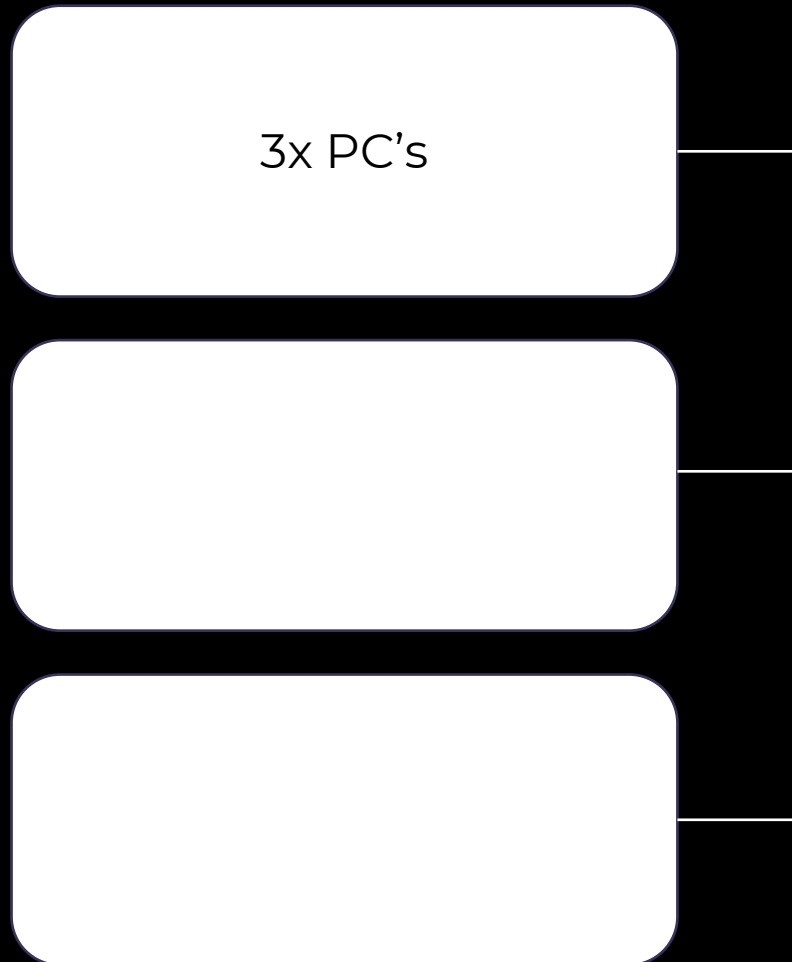


Maturing Methods

- Data Security
- High Speed Networks
- Starlink LEO Internet Service
- COVID Forced Remote Work



Modular and Expandable



- Processing On Demand Systems (PODS) can be expanded to fit any project size
- Capable of processing large data sets
- Redundant Storage and backup systems
- Built to withstand the elements and survive shipping
- Easy to install and connect

Modular and Expandable

3x PC's

2x PC's +
Duplicate Storage

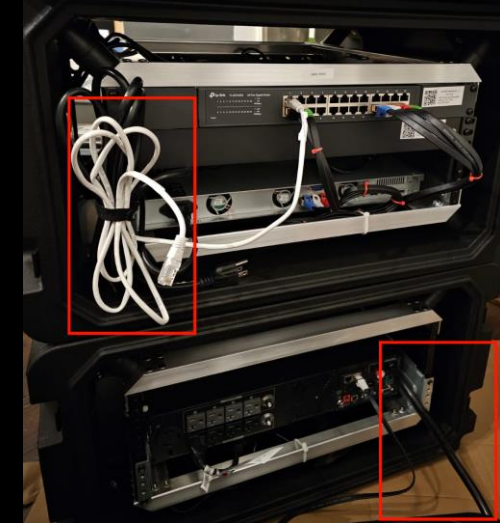


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Networking +
NAS Backup +
Battery Backup Power

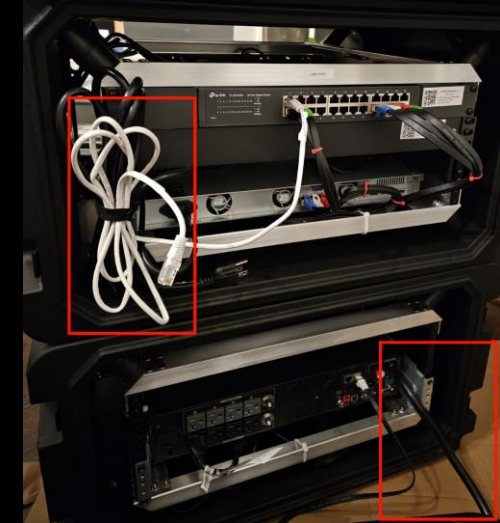


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**JUST
ADD
DATA!**

Vessel Crewing Reduction – Immediate ROI



=

- 4 vessel bunks
- 12 daily meals (24hr shifts)
- 4 flights
- Transit costs and hotels
- HSE risk reduction
- Carbon footprint

The Difference

- Turnkey systems developed by industry professionals
- Proven track record of performance
- Secure - an extension of the OARS Data Center
- Operated by OARS personnel

THE OARS GROUP AT OI 2024



MATT MEYER
MANAGING DIRECTOR



KEVIN TOMANKA
BUSINESS DEVELOPMENT
MANAGER
CERTIFIED HYDROGRAPHER



RYAN BROWN
DATA & REMOTE
SERVICES MANAGER

OARS BY THE NUMBERS:

7 Office Staff | 14 Field Staff | 250+ Dedicated Consultants | Stand D20



Thank You

