



# Remote Enablement - The Future of Marine Research

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# Presenting



## Jimmy Dean

*Founder*

*Harvest Technology Group*

Sales and Marketing Director at Harvest Technology Group. A proven innovation manager and problem solver with a wealth of industry experience working in remote environments including, oil and gas, mining and the Royal Australian Navy.

Specialising in working with global clients to create custom and off-the-shelf streaming solutions, remote control systems and remote monitoring. Passionate about helping customers transform their operations through technology.





# Who are Harvest?

- Founded in Australia with headquarters in Western Australia with regional bases in the Ireland, UK and the U.S.
- Global leader in enabling real-time, high-quality video, audio, and data transfer anywhere, irrespective of network quality or congestion.



# Identifying the challenges facing Vessel Operators



## Remote Operations Management:

How can one control, monitor or contribute to the function of an operation from a different location than where the operation is taking place?



Remote  
Control



Remote  
Coordination



Data  
Acquisition

## Remote Support Delivery:

How can support be delivered to a remote location through virtual means using technology or devices with live two-way communication capabilities?



Technical  
Assistance

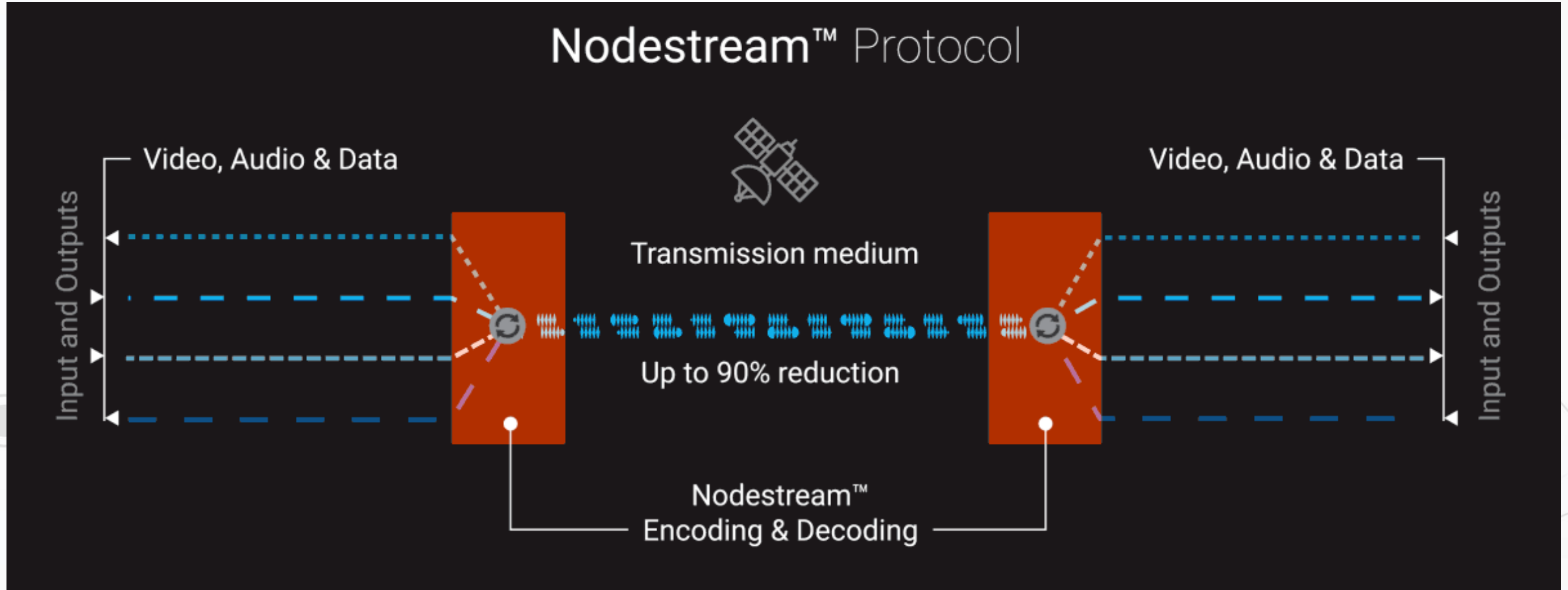


Incident  
Management



Telehealth

# Harvest Technology - Nodestream





## Remote Operations Solutions



>5 MILLION  
**HOURS**  
REDUCTION  
IN HSE EXPOSURE

>300,000  
OPERATIONAL  
**HOURS**  
SINCE 2020

>90%  
REDUCTION IN  
**CARBON**  
EMISSIONS

>\$400  
MILLION  
IN OPERATIONAL  
**SAVINGS**

**Wearables, Mobile Devices and Software Integration. Enabling existing hardware to be utilised to provide fast and cost-effective solution**





# Remote Support – Remote Technical Assistance



**Reduce on-site delays and even remove need for experts to attend vessel/site**





# Remote support – telehealth



*“Technology allows us to immediately connect subject matter experts to our workflows in ways not before possible.”*

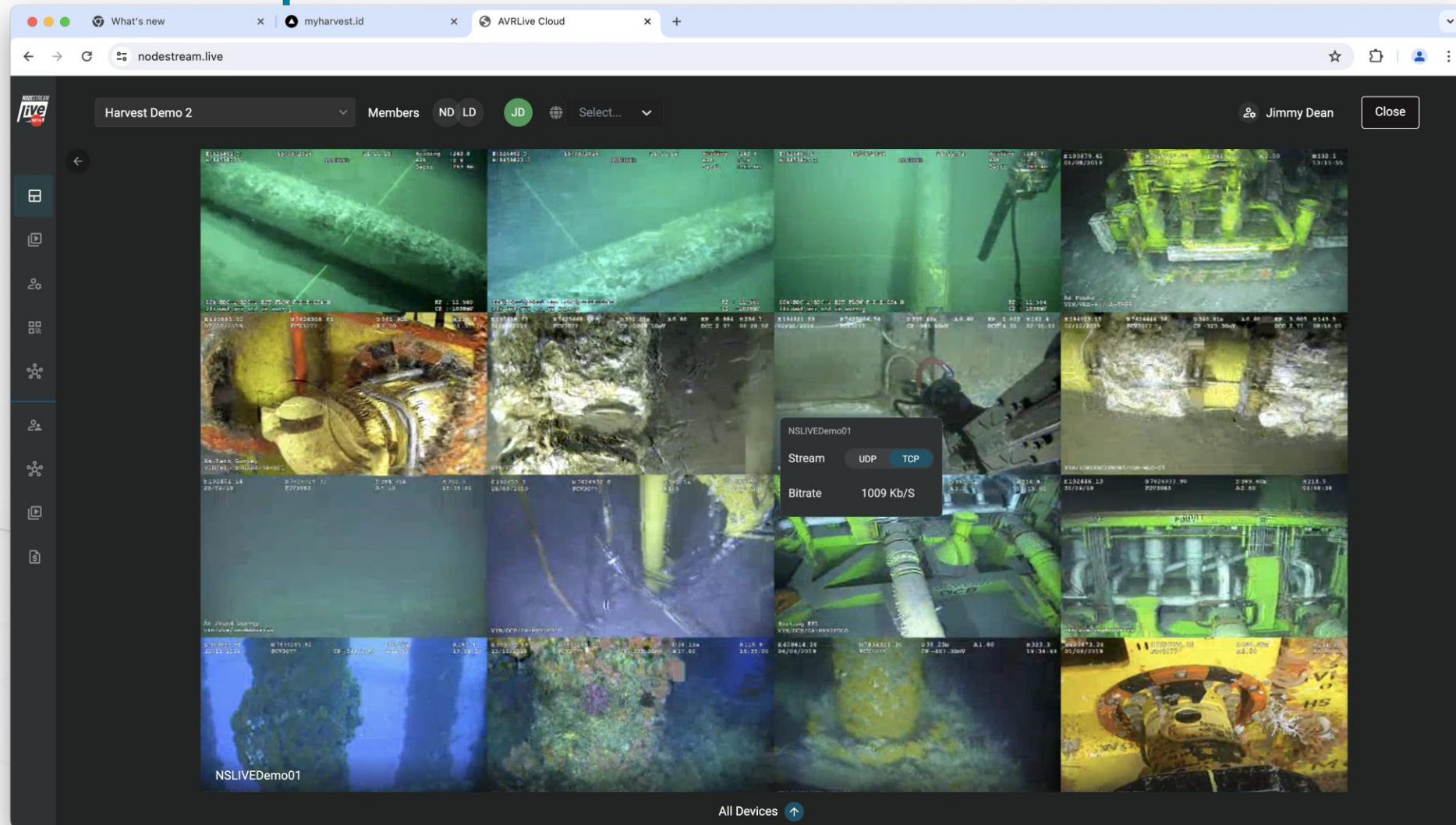
*“Sharing the right information between the right stakeholders at the right time, can make all the difference.”*



# Nodestream Live™ - Remote Monitoring



## Monitor operations from fleets of vessels on one dashboard





# Demonstration: Irish Marine Institute Vessel



# Questions & answers





# Solving Remote

Harvest-Tech-Europe Group  
Suite 4, Eden Gate Business Park  
Delgany, Co. Wicklow  
Rep. Of Ireland

[Jimmy.Dean@Harvest-Tech-Europe.com](mailto:Jimmy.Dean@Harvest-Tech-Europe.com)

[Mark.Elliott@Harvest-Tech-Europe.com](mailto:Mark.Elliott@Harvest-Tech-Europe.com)

[Richard.McGrath@Harvest-Tech-Europe.com](mailto:Richard.McGrath@Harvest-Tech-Europe.com)

