



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

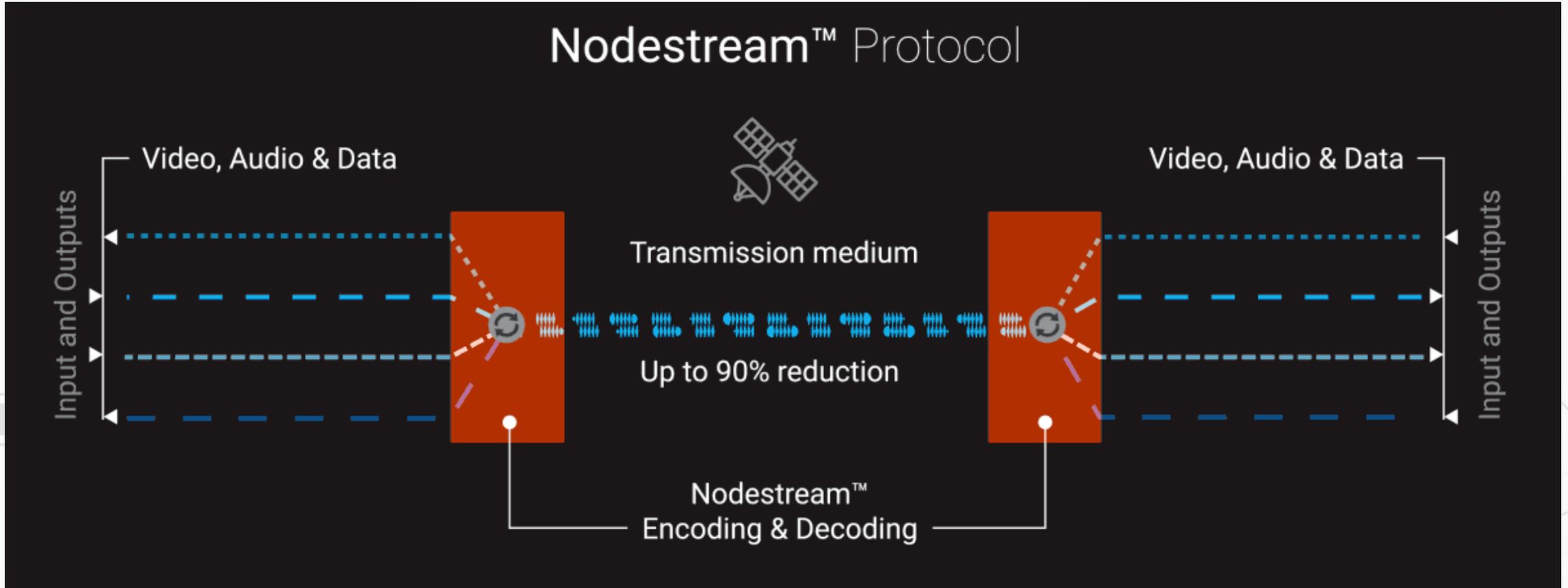


Incident Management



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.”

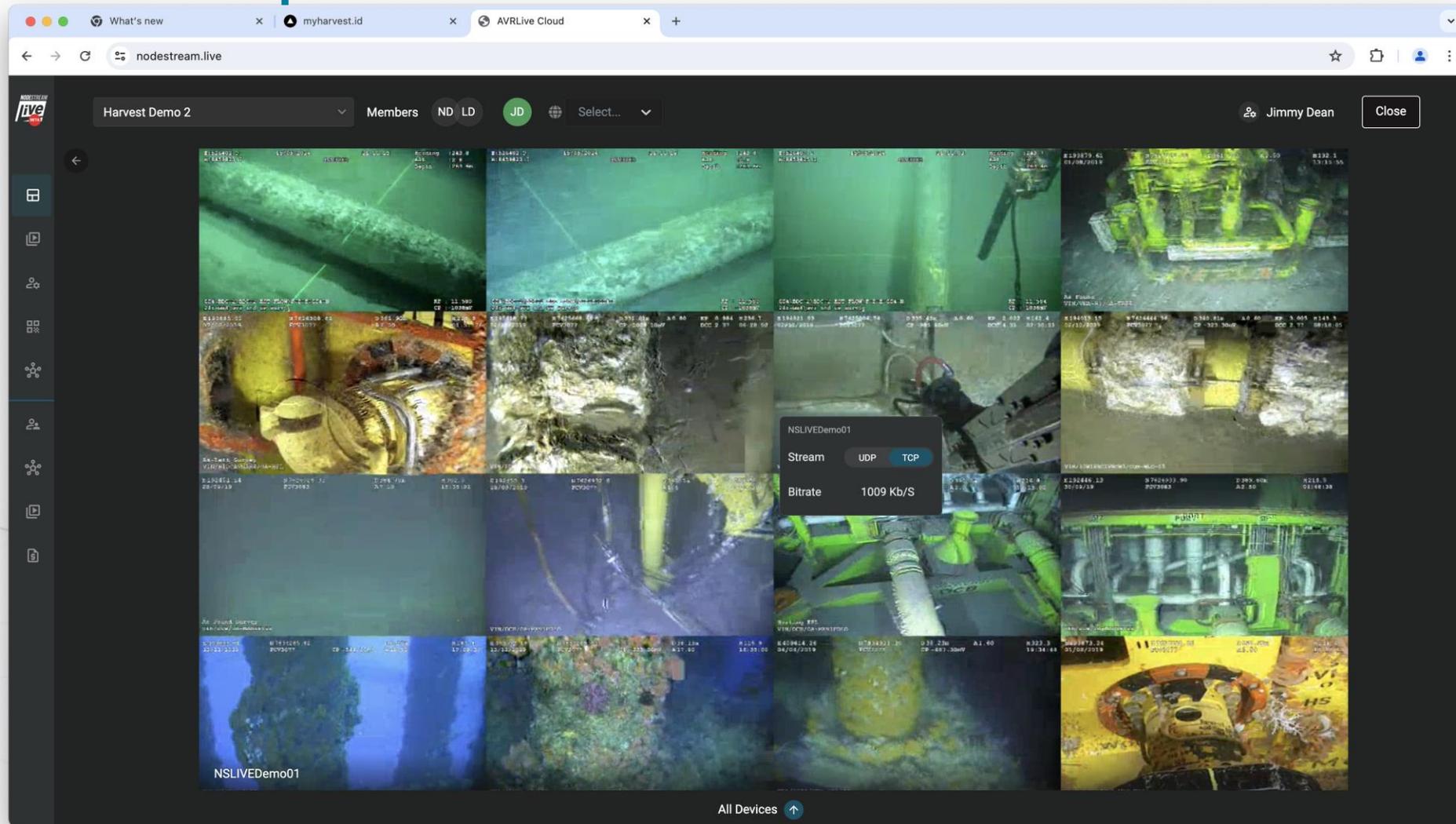
“Sharing the right information between the right stakeholders at the right time, can make all the difference.”



Nodestream Live™ - Remote Monitoring



Monitor operations from fleets of vessels on one dashboard



Demonstration: Irish Marine Institute Vessel



Questions & answers



Solving Remote

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