



Announcement to ASX  
ASX Code: HTG

March 15, 2022

## **HTG'S FLAGSHIP RiS™ REMOTE INSPECTION SYSTEM PRODUCT LAUNCHES INTO GLOBAL MARKET**

### **HIGHLIGHTS:**

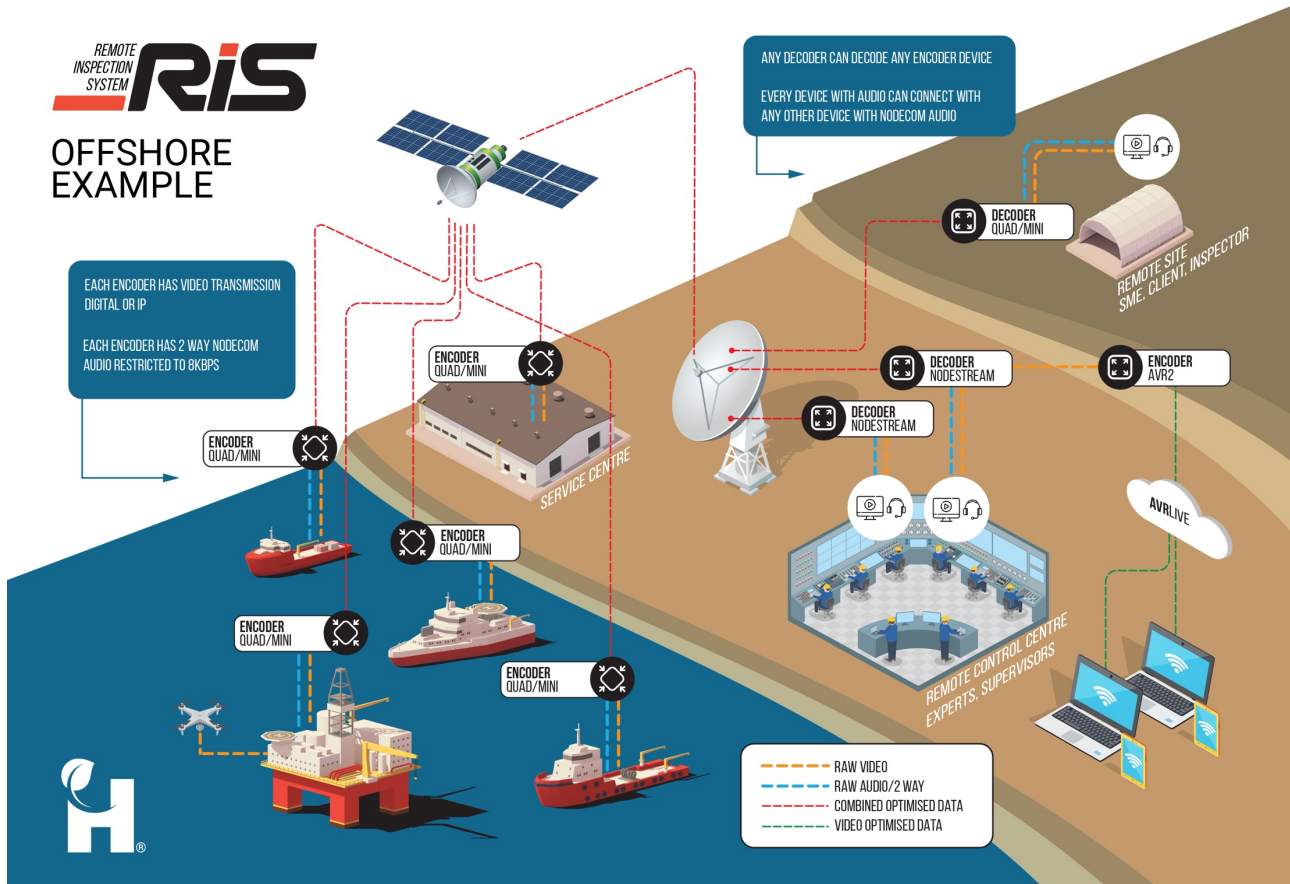
- **Customers worldwide can now access HTG's proprietary communications product RiS™ to make secure, real-time decision making within a closed network**
- **RiS™ delivers high-fidelity video, synchronised data, and high-quality audio transmission from any site to another via a secure Local Area Network using military grade encryption**
- **RiS™ provides a complete vision of a remote operation from single or multiple command centres with the ability to switch between command locations via HTG's Nodester control application**
- **RiS™ is contested and congested network optimised to enable operations in the most demanding arenas**
- **Technical expertise from anywhere in the world can access remote operations without the necessity for physical presence on site**
- **Customer value is generated through improved asset and people safety, reduced environmental impact, and significant operational cost reductions**
- **The significance of this announcement is the release of RiS™ from exclusivity and its complementary addition to the Company's global value proposition. Opening the market to RiS™ will generate the ability to take advantage of multiple opportunities from interested parties globally**

**March 15, 2022:** Harvest Technology Group Limited (ASX:HTG) (**Company, Harvest, Group**) is excited to announce that its proven flagship product RiS™ is now available to the global market for the first time since its inception.

With RiS™, customers worldwide can deliver secure, real-time content within a closed network over ultra-low bandwidth, enabling cost-effective and simultaneous review and critical decision-making on the fly, from anywhere to anywhere in the world.



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Using HTG's proprietary protocols, RiS™ delivers high-fidelity video, synchronised data, and high-quality audio transmission from any site to another via a secure Local Area Network (LAN).

Remote operations and inspection campaigns typically require specialised personnel to be at the remote site during the works. They must become familiar with the work scope, infrastructure, and location, and must have a certain fitness level, pass a medical, undertake safety training, and gain clearances before they are permitted to enter a site. If on a job which has multiple tasks or projects, they and their team may be continuously deployed onsite for weeks or months at a time.

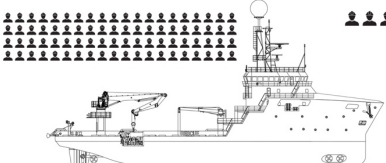

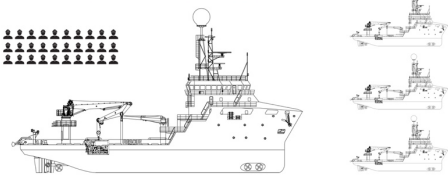


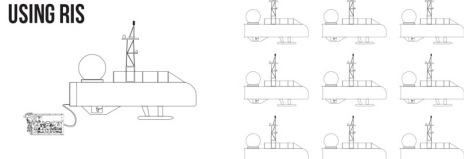


RiS™ enables customers to remove their assets, engineers and inspection surveyors from offshore platforms, vessels, and rigs around the world to local onshore operation centres or even their offices, where they receive the video and data to carry out inspections. The technology has multiple industry applications; energy and resources, defence, first responders and emergency services, agriculture, and unmanned vehicles, to name but a few.



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## Offshore Sector Comparisons\*

	OFFSHORE	ONSHORE
<b>TRADITIONAL ROV INSPECTION VESSEL</b> <ul style="list-style-type: none"> <li>1 LARGE VESSEL HEAVILY MANNED</li> <li>CLIENT REQUIRED ON VESSEL</li> <li>LOGISTICAL SUPPORT FOR LARGE CREW</li> </ul>	 <b>1 VESSEL</b> <b>80 CREW/EXPERTS</b> <b>3 CLIENTS</b>	 <b>1 OPERATOR</b>
<b>RiS</b> <ul style="list-style-type: none"> <li>MULTIPLE SMALLER SHIPS USING 1 CONTROL CENTRE</li> <li>CLIENT NOT REQUIRED ON VESSEL</li> <li>NO INSPECTION PERSONNEL REQUIRED ONBOARD</li> <li>KEY PERSONNEL SPREAD ACROSS MULTIPLE PROJECTS</li> </ul>	<b>ROV INSPECTION VESSEL USING RiS</b>  <b>MULTIPLE VESSELS</b> <b>~ 30 CREW</b> <b>0 CLIENTS</b>	 <b>10 EXPERTS</b> <b>2 CLIENTS</b> 
<b>RiS</b> <ul style="list-style-type: none"> <li>MULTIPLE SMALLER SHIPS</li> <li>1 CONTROL CENTRE</li> <li>NO CREW</li> <li>KEY PERSONNEL SPREAD ACROSS MULTIPLE PROJECTS</li> </ul>	<b>USV INSPECTION VESSEL USING RiS</b>  <b>MULTIPLE VESSELS</b> <b>0 CREW</b> <b>0 CLIENTS</b>	 <b>10 EXPERTS</b> <b>2 CLIENTS</b> 

\*based on use case

For the past three years, RiS™ has been successfully deployed and proven in the global offshore sector, exclusively by the world's leading geo-data specialist, resulting in cost reduction of approximately 50%, delivery of unprecedented reliability and security over ultra-low-bandwidth connections, and no loss of control even in circumstances of up to 90 % packet loss.

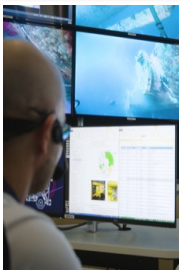

"RiS™ is the ideal product for customers who want a step change in how they manage remote operations through live off-site inspection and reporting," said Paul Guilfoyle, HTG CEO. "RiS™ makes it safer for workers, cuts operational costs by up to 50% and allows multiple offshore projects to be supported simultaneously by one onshore team."

"Moving personnel to a local onshore operation centre promotes a better way of life with a set schedule and quality time safe at home with their families," continues Guilfoyle. "Many remote sites are hazardous areas. Removing people provides an instant reduction in health and safety exposure because they are no longer in a dangerous location, traveling to and from remote locations, or going into zones that may be subject to political unrest. RiS™ is true innovation and we have already received strong interest from end users who have been waiting to get access to the product."



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Multiple industries have significant challenges working in remote locations and there is an increased demand for secure, trusted delivery of data and real time communications to ensure live critical decision making and continuity of operations. HTG will initially target RiS™ opportunities in the energy, government, and defence sectors, primarily across the Australian, US, and European regions. Current market sizes are illustrated below and as defined in our investor presentation in December 2021<sup>3</sup>.

MARITIME & ENERGY	DEFENCE & GOVERNMENT
 <p><b>Challenge:</b> Crew welfare (video, voice/email), critical inspection, monitoring, and control operations are bandwidth intensive</p> <p><b>Harvest solution:</b> Enables streaming of video, data and voice using ultra-low bandwidths over challenging and congested networks (including L Band)</p> <p><b>Est. market size:</b> USD\$2B<sup>1</sup></p>	 <p><b>Challenge:</b> Transfer significant amounts of critical sensitive data with heightened cyber risks for real-time situational awareness and Command and Control</p> <p><b>Harvest solution:</b> Compresses, encrypts and securely transmits high-fidelity mission data with real-time communications control using ultra-low bandwidth from anywhere</p> <p><b>Est. market size:</b> USD\$34B<sup>2</sup></p>

The launch to market of RiS™ will take place during Oceanology International in London, UK, from March 15-18, 2022, at which the Company is an exhibitor. Oceanology International brings together more than 500 exhibitors and over 8,000 attendees in the only event that links the three key players in the industry: business, academia, and government. It is a must-attend event for those involved in exploring, monitoring, developing, or protecting the world's oceans, from seabed to surface and beyond.

The significance of this announcement is the release of RiS™ from exclusivity and its complementary addition to the Company's global value proposition. Opening the market to RiS™ will generate the ability to take advantage of multiple opportunities from interested parties across the globe.

The Company will continue to keep the market informed of any further material updates.

- End -

*This announcement was authorised for release by Mr. Paul Guilfoyle, Group Chief Executive Officer.*

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Endnotes:

1. MarketsandMarkets™ Report, Maritime Satellite Communications, Market Value by Service 2022, Published Date: June 2020 | Report Code: TC 4008
2. MarketsandMarkets™ Report, Military Communications Market, Market Value 2021, Published Date: November 2020 | Report Code: TC 2356
3. Page 10, HTG Investor Presentation issued to ASX on December 13, 2021



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**About Harvest Technology Group**

Harvest Technology Group Limited (ASX: HTG) is a global leader in network optimised remote operations that deliver real-time remote control, communication, automation, and monitoring capabilities. Headquartered in Perth, Australia, the group of companies is revolutionising remote field services with ultra-low bandwidth Network Optimised Livestreaming solutions that enable customers to stay connected to operations and personnel anywhere in the world while utilising just a fraction of existing bandwidth resources.

To learn more please visit: [www.harvest.technology](http://www.harvest.technology)

*If you would like to receive the HTG Insights Newsletter for future updates, please visit our website and subscribe at the bottom of the page.*

**About RiS™**

RiS™ is a proven proprietary solution using underlying protocols for Network Optimised Livestreaming that enables customers to livestream multiple channels of HD video, audio, and data securely to their monitoring system to manage operations anywhere in the world where connectivity is low or unreliable – whether on land, in the air, or at sea – to deliver an operationally feasible solution. The solution has the unique capability to take data inputs from any sensor device and synchronise it precisely within a video stream to ensure accuracy of decision making, reducing time and cost impact.

To learn more about RiS™, please visit [www.harvest.technology/harvest-ris/](http://www.harvest.technology/harvest-ris/)