



**ELECTRO OPTIC SYSTEMS HOLDINGS LIMITED**

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## **SpaceLink Selected to Fly Demo on International Space Station**

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Electro Optic Systems Holdings Limited (“EOS” or “Company”) (ASX: EOS) subsidiary SpaceLink has been selected by the Center for the Advancement of Science in Space (CASIS), manager of the International Space Station U.S. National Laboratory, for a funded demonstration of its end-to-end relay service which provides secure, continuous, high capacity communications between spacecraft and the ground. The demonstration will validate the use of a 10 Gigabit per second optical terminal, for real-time voice, video, and data exchange between International Space Station (ISS) crew, on-board systems, experiments, and terrestrial users.

In a highly competitive process made available for companies and research teams to propose technology development concepts capable of being utilized in low Earth orbit (LEO), the SpaceLink concept was selected by CASIS. With this selection, SpaceLink can advance its proposal for a potential flight project to the orbiting research and technology development outpost sponsored by the ISS National Lab. The SpaceLink relay network is designed to pick up where the U.S. NASA Tracking and Data Relay Satellite System (TDRSS) leaves off and go beyond with unprecedented capacity that leverages today’s technology advances.

“Our demonstration on the ISS is the first step to proving SpaceLink’s capabilities to advance space science and the emerging space economy,” said David Bettinger, SpaceLink CEO. “Funding from CASIS marks an important milestone in SpaceLink’s roadmap to providing massive bandwidth for organisations that need real-time connectivity between space and the ground” said Mr Bettinger.

With the proliferation of spacecraft in LEO, the demand for fast, continuous, high-capacity connectivity on orbit continues to grow. SpaceLink is designed to help close the business case for Earth observation companies, commercial space stations, satellite servicers, launch vehicles and space tugs. It also meets requirements for the U.S. Government and close allies that want to leverage secure industry solutions to maximize capabilities.

On 28 July 2021 CASIS notified SpaceLink of its intent to award a User Agreement. A fully executed agreement with program schedule and milestone deliverables is expected to be completed in the coming months and is not subject to any conditions precedent. The demonstration is expected to commence in 2024.

Glen Tindall, CEO of EOS Communications Systems said:

“Working with CASIS to put optical communications on the ISS is a major milestone for SpaceLink and for the future of the global satellite communications market. It is also a landmark agreement for EOS as Australia’s largest space company and supports our vision for optical communications to serve our major customers in both the U.S and Australia.”

This announcement has been authorised for release to the ASX by Dr Ben Greene, Director.

Further information:

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## **ABOUT ELECTRO OPTIC SYSTEMS (ASX: EOS)**

### **EOS operates in three sectors: Defence, Space and Communications**

- EOS Defence Systems specialises in technology for weapon systems optimisation and integration, as well as ISR (Intelligence, Surveillance and Reconnaissance) for land warfare. Its key products are next-generation remote weapon systems, vehicle turrets and counter-UAS systems.
- EOS Space Systems specialises in applying EOS-developed optical sensors to detect, track, classify and characterise objects in space. This information has both military and commercial applications, including managing space assets to avoid collisions with space debris, missile defence, space control and space protection.
- EOS Communications Systems provides global satellite communications services and systems. It specialises in innovative optical, microwave and on-the-move radio and satellite solutions that deliver high speed, resilient and assured satellite communications anywhere in the world.

## **ABOUT SPACELINK (EOS SUBSIDIARY)**

SpaceLink will help advance humanity to a new age of space commerce, exploration, environmental awareness, and security. The Always in Sight™ data relay system provides global coverage to empower space system operators to maximize use of their assets. SpaceLink Corporation is headquartered in the Washington DC area and has offices in Silicon Valley, California. It is a wholly-owned subsidiary of Electro Optic Systems Holdings Limited,

a public company traded on the Australian stock exchange and is part of the Communications Systems division.

## **ABOUT THE INTERNATIONAL SPACE STATION (ISS) U.S. NATIONAL LABORATORY**

The ISS is a one-of-a-kind laboratory that enables research and technology development not possible on Earth. As a public service enterprise, the ISS National Lab allows researchers to leverage this multiuser facility to improve life on Earth, mature space-based business models, advance science literacy in the future workforce, and expand a sustainable and scalable market in LEO. Through this orbiting national laboratory, research resources on the ISS are available to support non-NASA science, technology and education initiatives from U.S. government agencies, academic institutions, and the private sector. CASIS manages the ISS National Lab, under cooperative agreement with NASA, facilitating access to its permanent microgravity research environment, a powerful vantage point in LEO, and the extreme and varied conditions of space. To learn more about the ISS National Lab, visit [www.ISSNationalLab.org](http://www.ISSNationalLab.org).

This announcement may contain certain "forward-looking statements" including statements regarding EOS' intent, belief or current expectations with respect to EOS' business and operations, market conditions, results of operations, financial condition, and risk management practices. The words "likely", "expect", "aim", "should", "could", "may", "anticipate", "predict", "believe", "plan" and other similar expressions are intended to identify forward-looking statements. Indications of, and guidance on, future earnings, financial position and performance, establishment costs and capital requirements are also forward-looking statements. Forward-looking statements including projections, guidance on future earnings and estimates are provided as a general guide only and should not be relied upon as an indication or guarantee of future performance. This announcement may contain such statements that are subject to risk factors associated with an investment in EOS. Forward-looking statements involve known and unknown risks, uncertainties and assumptions and other important factors that could cause the actual results, performances or achievements of EOS to be materially different from future results, performances or achievements expressed or implied by such statements. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of the announcement.