New Release
July 29, 2024

Announcing the launch of Starris — Optimax Space Systems, lifting precision optical payloads from idea to orbit in one year

Agile, space-qualified optical payloads enable customers to enter space economy quickly with low risk

Ontario, N.Y. — The commercialization of space is creating unprecedented opportunities for the space economy. Starris — Optimax Space Systems is entering the new space race to swiftly lift customer ideas into orbit via space-qualified optical payloads. The official launch of Starris will be Aug. 5 at the Small Satellite convention in Utah.

Starris is powered by three decades of space-qualified innovation and precision optics from parent company Optimax. Optics produced by Optimax have enabled a wide variety of space-flight missions, including NASA Mars Rovers and commercial space ventures. Optimax presently has optics on thousands of satellites orbiting the earth.

Starris integrates space-rated optics, sensors, and electronics into digital cameras and instruments using pre-engineered modular systems, which reduces risk, cost, and time in delivering custom optical-based payloads for flight.

Starris will develop payloads from idea to launch-ready in less than one year for applications that include earth observing (land use, weather, natural resources, supply chain, emissions monitoring), space infrastructure (star trackers, navigation, docking), resource exploitation (survey and mining of the moon and asteroids), space manufacturing (microgravity production of pharmaceutics and advanced materials), and defense (earth orbiting and surveillance).

“The global space economy is at an infliction point, poised to nearly triple by 2025, reaching a staggering $1.8 trillion,” said Joe Spilman, CEO of Optimax. “To accelerate our pace, the industry must shift to a new norm where risk, cost, and time to orbit are significantly minimized. That is Starris’ mission — enable our customers to accelerate their pace. Starris will dramatically reduce the time required to go from concept to orbit with space-qualified optical payloads tailored for aggressive design cycles and rapid deployment.”

Starris' agile, turnkey payload-integration design is supported by a robust testing and manufacturing ecosystem, enabling rapid prototyping to production, with rad-tolerant design for temperature, vacuum, shock, and vibration. Starris technology features collaborations with space-rated suppliers, including sensors by Teledyne Space Imaging.

The Starris team assessed that many new-space commercial customers have similar space-mission needs and created a pre-tested modular system that integrates lenses, telescopes, sensors, and electronic control systems, with the ability for customization per customer needs.

"Legacy space missions take years, if not decades, to get into orbit," said Kevin Kearney, Starris Director and Chief Technical Officer. "We are compressing that multi-year cycle by assembling pre-tested modular payloads that, when launched, will be space-tolerant, reliable, and fulfill customer requirements."

Learn more about Starris at Starris.com.

About Starris — Optimax Space Systems
Starris — Optimax Space Systems, a newly launched business by Optimax Systems Inc., is lifting customer ideas into orbit in less than one year's time via space-qualified optical payloads for an array of applications, including earth observation. A modular system integrates lenses, sensors, and electronics into digital cameras and instruments, reducing risk, cost, and time. Starris' agile, turnkey platform is supported by a robust testing and manufacturing ecosystem.

About Optimax Systems Inc.
Optimax Systems Inc. is a leading manufacturer of precision optics, providing high-quality optical components and assemblies for a wide range of industries, including defense, medical, space & astronomy, and semiconductors. With a commitment to innovation and excellence, Optimax delivers cutting-edge solutions that meet the most demanding technical challenges.

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High-res images are online at https://tinyurl.com/StarrisImages
The Starris press-launch video is online at: https://tinyurl.com/StarrisVideo

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