

ARES Shield to Protect Lonestar Satellites

Polish space defense startup signs agreement with Lonestar Data Holdings

LOS ANGELES, CA, UNITED STATES, August 26, 2026 /EINPresswire.com/ -- Polish startup [ARES Shield](#) announced the signing of an agreement worth up to \$6 million with [Lonestar](#) Data Holdings (dba Lonestar Space), the American pioneer of off-Earth data centers. Under the agreement, the system developed by ARES will protect the company's orbital servers: three satellites in the first phase, and ultimately multiple satellites within the constellation. ARES Shield also announced the opening of an office in Los Angeles to strengthen cooperation with American partners, institutions, and investors in the space defense sector.



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*Grzegorz Zwolinski, CEO of
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This is the first commercial agreement for ARES Shield and the first deployment of European non-kinetic satellite defense technology with a customer outside Europe. The announcement comes just days after the company reported reaching Technology Readiness Level 4 (TRL4) and closing another funding round.

"The security of orbital infrastructure is no longer a theoretical question. Companies moving critical data into orbit need real protection for their assets today, not declarations and promises of safety. The agreement with Lonestar confirms that the HPM technology we are developing answers a need the market is already pricing in hard numbers," said Grzegorz Zwolinski, CEO of ARES

Shield.

Orbital Servers Under Polish Protection

Lonestar Data Holdings is building the world's first orbital data storage network and

infrastructure layer for AI, serving governments, financial institutions, and critical infrastructure operators. The company has already tested its data centers across four space missions, including two to the Moon and in Cislunar orbits, and in 2027 plans to launch StarVault, its first fully commercial platform. Data stored beyond Earth is designed to withstand natural disasters, armed conflicts, and failures of ground infrastructure. That resilience, however, depends on the security of the satellites themselves, and this is where the ARES Shield system comes in.

"Our clients entrust us with mission-critical data, which is why we treat the security of our orbital infrastructure as the foundation of our entire service," said Stephen Eisele, CEO of Lonestar Data Holdings. "ARES Shield technology offers a unique solution that allows us to further protect our satellites without the risk of generating space debris. For a company whose product is data security, it is a compelling option."

Los Angeles Office

Alongside the Lonestar agreement, ARES Shield has registered a US entity and opened an office in Los Angeles. The local presence will support closer cooperation with American technology partners, institutions, and investors in the space defense sector. Both companies intend to work with markets in the US and Europe to start, offering next-level security and safeguarding data sovereignty.

ARES Shield: A Shield for Europe

ARES Shield is a modular defense platform integrating advanced AI-driven analytics, data from multi-domain sensor systems, and HPM (High Power Microwave) technology. In the orbital layer, the system acts as an active protective shield for satellites: it detects, classifies, and neutralizes threats to space infrastructure, including anti-satellite weapons and RPO-class proximity systems. A directed beam of microwave energy precisely affects the electronics of a threat without kinetic means and without generating space debris. The system is designed for NATO member states, satellite operators, and European armed forces.

More information: aresshield.ai

About Lonestar Space

Lonestar Space is building the next generation of secure digital infrastructure beyond Earth. Through its StarVault™ platform, Lonestar provides secure, sovereign, and resilient data storage and AI infrastructure for governments, enterprises, and regulated industries. By combining orbital storage with a global network of terrestrial gateways, Lonestar helps customers protect mission-critical data from cyber threats, natural disasters, and geopolitical risk while enabling greater digital sovereignty and business continuity. With multiple successful space missions and a growing portfolio of strategic partners worldwide, Lonestar is creating the secure digital backbone for the Earth-space economy.

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