**Orbit Unveils OrBeam MIL - Next-Generation Electronically Steerable Satellite Communication Antenna at Satellite DC 2025**

***Enabling Seamless Multi-Orbit Connectivity in the Era of Accelerated Satellite Deployments***

**Satellite DC, March 11-13 2025, Walter E Washington Convention Center, Booth #1713**

**March 10, 2025** – Orbit Communication Systems Ltd., a leading global provider of maritime, land and airborne SATCOM solutions, tracking ground stations, and mission-critical communication systems, is set to unveil its new OrBeam MIL Electronically Steerable Antenna (ESA) at Satellite DC 2025. This cutting-edge phased array antenna is designed to meet the growing demand for continuous, reliable satellite communications across LEO, MEO, and GEO orbits.

With the rapid increase in satellite constellations and the evolving needs of defense, commercial, and enterprise users, Orbit’s OrBeam MIL ESA delivers an agile, multi-orbit solution that requires no user intervention. The system’s electronically controlled beam steering allows seamless connectivity with multiple satellites, enhancing operational efficiency and uninterrupted communication across the most challenging environments.

The new antenna supports Ka or Ku frequencies and is designed for seamless connectivity with GEO, MEO, and LEO satellites. Its flat-panel design with no moving parts ensures lower power consumption and high reliability, while its compact and lightweight structure enables fast deployment across aerial, maritime, and land-based platforms. The system is capable of Make-Before-Break (MBB) satellite handovers, providing solutions for high-speed, uninterrupted low-latency satellite communications.

"As the satellite communication landscape evolves at an unprecedented pace, Orbit continues to push the boundaries of innovation,” said Daniel Eshchar, CEO of Orbit. "Our new OrBeam MIL ESA system represents a breakthrough in multi-orbit connectivity, providing defense and commercial customers with a highly reliable, low power consumption, and future-ready SATCOM solutions."

**About Orbit Communication Systems:**

Orbit Communication Systems, a global leader in airborne and maritime communications, satellite tracking, and ground-station technology, revolutionizes global connectivity with cutting-edge solutions for the new space era. Our state-of-the-art systems are utilized on a wide range of platforms, including mission aircraft, trainers, rotary-wing aircraft, transport vessels, tankers, jet fighters and unmanned platforms. Our reach extends to naval vessels, armored land platforms, cruise ships, ground stations, and offshore platforms, ensuring comprehensive coverage across maritime and terrestrial domains.

Orbit provides innovative, cost-effective, and reliable solutions to commercial operators, major air forces, navies, space agencies, and emerging New Space companies. Orbit is publicly traded on the Tel Aviv Stock Exchange and is under the control of the FIMI Investment Fund. The company maintains a subsidiary in Florida, USA, which provides production, integration, and support capabilities for the North American market. Its global operations, encompassing, marketing, sales, and customer service, extend across Europe, and the Far East.

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