



# ORBIT Communication Systems



## ORBIT Communication Systems Ltd.

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**O**RBIT Communication Systems Ltd. is a global leading provider of mission-critical communication systems and related services in two target markets – commercial and defense/homeland security. Fulfilling the communication needs of commercial, defense and government customers for over 60 years, ORBIT offers advanced solutions, supporting applications in the areas of satellite tracking (GEO and non-GEO), earth observation (tracking LEO satellites), aeronautical telemetry, navigation, UAV Command & Control, Mobile Satellite Communications and Communication Management Systems.

ORBIT is a public company traded on the Tel-Aviv Stock Exchange. The company has an international sales and customer support network covering the United States, Europe, Brazil and the Far East, as well as regional technical service centers located around the world.

## ORBIT's portfolio includes: Mobile SatCom Systems and Services

ORBIT provides a full range of Mobile Satellite Communication solutions, consisting of stabilized broadband antennas (VSAT) used to establish a continuous broadband link with a moving platform, as well as TV Receive-Only antennas. ORBIT's systems are deployed on thousands of marine vessels and platforms, trains and aircrafts. Our Mobile SatCom systems are among the most critical components of the broadband infrastructure required for services and applications used on moving platforms. Such services and applications include global Internet connectivity for voice, video and data, as well as television reception.

## Tracking & Telemetry

ORBIT's Tracking & Telemetry systems enable continuous communication from static and moving platforms to a moving target. These systems are used for flight telemetry in aircraft, missile testing, UAV C&C as well as LEO/MEO satellite TT&C and data download.

ORBIT's highly dynamic digital tracking systems are field-proven to deliver pinpoint accuracy under extreme weather and environmental conditions. Supporting antennas from 1-10 meters (3-33 ft) in diameter and combined with a breakthrough multi-band feed technology that enables simultaneous operation in different bands, ORBIT's solutions reduce CAPEX and the need to maintain multiple tracking systems.

## Communication Management Solutions

ORBIT provides innovative digital and analog audio Communication Management Systems, for both airborne and seaborne platforms. These systems manage internal and external communications, including wireless intercommunication capabilities and compatibility with legacy radios, digital and even IP based communications. The systems are designed and tested to meet the most demanding requirements for flexible and secure audio management systems, and are customized to fully comply with each customer's needs.

