

STAR-T (GMF/STAR-T)

Description

The STAR-T satellite communications terminals will be mounted on a High Mobility Multipurpose Wheeled Vehicle and will be capable of providing four downlinks of 1.544 Mega bytes per second (Mbps) each and one uplink with an aggregate of 8.192 Mbps. The terminals will have bulk encryption and can interface with either Tri-Service Tactical Communications (TRI-TAC) conditioned diphase or commercial equipment at the baseband or intermediate frequency level. The terminals will be backwards compatible with the AN/TSC-85B and the AN/TSC-93B SATCOM terminals and other TRI-TAC systems. The U.S. Army is the lead service for this Joint program.

Operational Impact

Fielding the STAR-T terminals will help alleviate the burden on today's communication systems by providing increased bandwidth to meet the Marine Air-Ground Task Force (MAGTF) commander's requirement for increasing quantities of intelligence and situational awareness.

Program Status

Milestone III (procurement) is scheduled for FY01 with IOC scheduled in FY02.

Procurement Profile: FY01 FY02

Quantity: 40 0

Developer/Manufacturer

Raytheon Systems, Marlborough, MA

