

Tactical Data Network (TDN) System

DESCRIPTION

The TDN system consists of a network of interconnected gateways and servers. These systems and their subscribers are connected by a combination of common-user, long-haul transmission systems, LANs, single channel radios, and the switched telephone network. The TDN system provides basic data transfer and switching services as well as access to strategic, supporting establishment, joint, and other service component tactical data networks. The TDN supports network management capabilities and value-added services such as message handling, directory services, file sharing, facsimile handling, and terminal emulation support.

The TDN gateway deployed at the Marine Expeditionary Force (MEF) and other major subordinate commands will provide access to the Nonsecure Internet Protocol Router Network (NIPRNET), Secret Internet Protocol Router Network (SIPRNET), and other services' tactical packet switched networks. It will be configured in a heavy variant High-Mobility, Multi-purpose Wheeled Vehicle (H-HMMWV)-mounted shelter for mobility. A second H-HMMWV is also provided in support. The TDN server deployed to the battalions will be in four man-portable transit cases. The TDN will give MAGTF C4I users the ability to transition from AUTODIN to its mandated replacement system, the Defense Message System (DMS).

PROCUREMENT PROFILE:	FY00	FY01
<i>Quantity:(Gateways)</i>	<i>13</i>	<i>0</i>
<i>(Servers)</i>	<i>20</i>	<i>0</i>

OPERATIONAL IMPACT

The TDN augments the existing MAGTF communications infrastructure to provide an integrated data network for the MAGTF's tactical data systems.

PROGRAM STATUS

The program is in the Production phase. The production contract was awarded in January 1999.

DEVELOPER/MANUFACTURER

General Dynamics Communication Systems, Taunton, MA