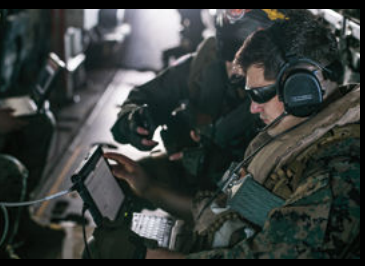
SILVUS TECHNOLOGIES

USMC Networking On-the-Move Mobile Communication System AN/PRC-169(v)1









StreamCaster 4400
AN/PRC – 169(v)1

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Networking On-the-Move

As a key capability in meeting USMC Force Design 2030 goals, NOTM is a satellite and tactical communication system that allows Marines to connect to networks and communicate while mobile or stationary on the battlefield. Marines can employ NOTM to transmit critical information to commanders and increase situational awareness in hostile environments.

SILVUS StreamCaster 4400 & Spectrum Dominance

As the only MANET radio added to the NOTM mobile communication system, Silvus StreamCaster 4400 MANET radios were selected to be a critical piece of the NOTM comms architecture for JLTV and ACVs. StreamCaster 4400 MANET radios and MN-MIMO waveform combine to create a self-organizing mesh network across multiple spectrum bands at high data rates.

Together with Silvus' Spectrum Dominance LPI/LPD and AJ capabilities, Silvus is empowering MAGTF to access satellite comms, connect & network dispersed vehicles, airborne assets and dismounted units – enabling the warfighter to conduct operations in congested and contested environments.

CLASS-LEADING THROUGHPUT | RANGE | EW RESILIENCY | SCALABILITY

USMC Networking On-the-Move
Mobile Communication System
AN/PRC-169(v)1

Silvus Technologies – Protected & EW Resilient Mesh Network
Advancing MAGTF Networking Capabilities at the Tactical Edge

SATCOM

Manned/Unmanned Aircraft



Stalker

SILVUS
MESH NETWORK







JLTV



ACV

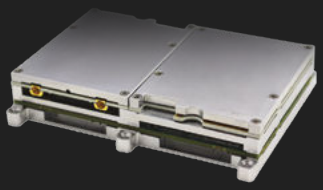


ARV

StreamCaster 4400 MANET Radio

RADIO TYPE	4x4 MIMO
OUTPUT POWER	20 Watts (80W EIRP)
FREQ. BAND OPTIONS	Single/Dual band (30 Options) 300 MHz - 6 GHz
CHANNEL BANDWIDTH	20/10/5 MHz (2.5/1.25 Option)
DATA RATE	Up to 100 Mbps
IP RATING	IP68
INTERFACES	Ethenet, USB, RS232





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