

# AIRBUS



## U.S. SPACE & DEFENSE

### PROTEUS UNITY

Game changing SATCOM for helicopters

#### How we support your mission

- Provides a unique and automated solution to traditional SATCOM challenge from rotor blockage
- Disruptive approach to overcome interference while providing cost-effective use of bandwidth
- Secure, Resilient, Anti-Jam capabilities improving LPI/LPD performance in contested and congested environments
- Bandwidth and antenna agnostic, operates in all broadband SATCOM: Ka- Ku- X- C-, L- and small aero antennas
- Supports variable rotor configuration for medium to large helicopters
- Designed for multi-platform Multi-Domain tactical operations (Air, Sea, Land)
- Access for voice, data, video and internet during mission critical ISR operations

Enabler for Future Vertical Lift (FVL) and other programs of record that require BLOS Satellite Communications

# PROTEUS CONOPS:

Operations with multiple types of aircraft & antennae

UAS



CH-47



AH-64



UH/MH-60



SH/MH-60



FUTURE VERTICAL LIFT



1 x Modem supports 100 x aircraft

Long Range missions requiring high-throughput situation data enroute



PROTEUS GROUND MODEM



High-throughput BLOS SATCOM Data without rotor interference

Operations in High-Threat A2AD environments



PROTEUS GROUND MODEM



Secure, resilient multi-band & Anti-Jam capability

Joint, Over-the-Horizon, Multi-platform & Multi-Domain

**AIRBUS**

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