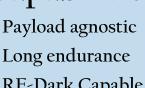


FROM STRENGTH TO SUCCESS



Capabilities

Long endurance RF-Dark Capable





Mission Concepts

C5 - Mesh radio network provides resiliency and extends range with altitude. High bandwidth date link over tether

SIGINT - Detects UAS C² and telemetry, Wi-Fi, and cellular. RF-Dark capability for contested environment

ISR - Persistent aerial coverage, multi-spectral imaging, laser designation, and range finding

Elevated Sensor - Extended range and vertical profiling of HPM, CBRNE, meteorological, or other applicable sensors

Radar - Altitude reduces environment obscuration and ground effects while increasing effective range



Performance

Scalable, proprietary, hybrid power system for short and long endurance

Tether provides command, control, telemetry and payload communication

High lift capability expands payload options



Full System

Aethon UAV

Fiber optic tether

Ground control station

-Tether management system

Mission control computer





Maximum Gross Weight 55 lbs Maximum Payload Weight 20 lbs Operational Altitude 150 m



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