

SPACE DOMAIN AWARENESS

SECTOR UPDATE



MARKET MOTIONS & TRENDS

RECENT HEADLINES IN SPACE DOMAIN AWARENESS



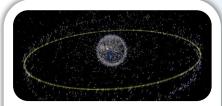
Enhanced UDL Architecture

Unified Data Library



Space Force plans FY24 update for space monitoring data 'library'

The Space Force wants to move the 2018-conceived Unified Data Library from a card catalog system to a machine-to-machine search engine using artificial intelligence tools.



PLA Strategic Support Force's (SSF) new Base 37

Near-Peer Threats

SPACENEWS

China's military sets up new base for space domain awareness

"The new base will improve the PLA's ability to provide early warning of incoming ballistic missiles to joint forces, and track and identify space objects' location, maneuvers, and operating environment," according to the report.



Demand For Sensors & Data Processing

Sensor Technology

DEFENSE

Space Force looking to fill tech 'gaps,' and 'evolve' space domain awareness: Saltzman

The space operations chief wants systems that can gather "exquisite, high fidelity information about what's going on" in geosynchronous Earth orbit "and beyond," more sensors in the Southern Hemisphere to keep an eye on low Earth orbit and — critically — a better way to fuse data.



Increasing Visibility & Reducing Space Debris

Space Force

Defense One

SCIENCE & TECH

Space Force hunts for mature technology in 'Hyperspace Challenge' program

Expanding its reach from startups to established players, this year's event seeks satellites that are more autonomous, maneuverable, and safer from debris.

KAL ADVISES FORWARD SLOPE IN ITS ACQUISITION OF HYPERGIANT

HYPERGIANT ACQUIRED BY FORWARD SLOPE INC.



- » Hypergiant, a leader in Al-enabled, cloud-based command and control technologies and deployed solutions, has been acquired by Forward Slope
- » The company offers a world-class core geospatial data visualization and actions platform, Command Center, which makes Al-generated recommendations and delivers intelligent insights and actions across all domains
- The acquisition is a natural partnership for the two organizations who believe in the future of next-gen, Al-enabled technology solutions to secure both America's defenses across all military domains and critical infrastructure

COMMAND CENTER - KEY CAPABILITIES

» Command Center is a Common Battle Management Interface (CBI) where data informs real-time decision-making and is shared instantly between multiple sources across all domains



Air Force - JADC2

» The Joint Effects for Realtime Integrated Command & Control Operations (JERIC2O) is the DoD's only modern, cloud-enabled, tactical level commandand-control (C2) software developed for the USAF's Advanced Battle Management System (ABMS) effort



Army

» Hypergiant assisted the U.S. Army with advanced predictive maintenance and sustainment for its fleet, using Command Center to maximize the lifecycle of a remote fleet



Space Force

» As a map-based geospatial solution, Command Center can be leveraged to track satellites in orbit or beyond into the furthest reaches of mapped space, displaying all available information in context to empower decision making



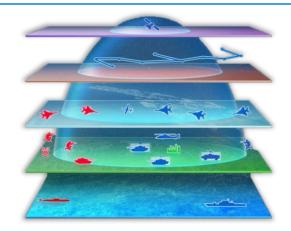
Physical Security

» Leverages data fusion to see and understand applicable activity in real time. Operators can have unparalleled situational awareness of facilities, leveraging multiple data feeds like weather, crime statistics, live camera access, social media, and traffic data

WARFIGHTERS AT THE CORE OF DESIGN AND DEVELOPMENT

To ensure design system effectiveness, Hypergiant collaborates closely with warfighters. Through regular feedback sessions, warfighters are integrated into the design, development, and new feature scoping processes

By involving them early and often, Hypergiant builds a system specifically designed to address their unique challenges, human factors, and requirements



SPACE DOMAIN AWARENESS & JADC2 INTEGRATION

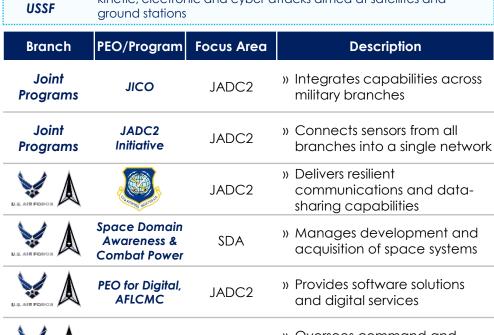




Focus areas include space domain awareness, and offensive/defensive counterspace capabilities

Special focus on protecting and defending against kinetic, nonkinetic, electronic and cyber attacks aimed at satellites and around stations







Air





Other

Initiatives

Other

Initiatives

JADC2 & SDA

SDA

» Engages in projects supporting JADC2 and SDA

» Builds the National Defense

Space Architecture

SPACE DOMAIN AWARENESS - RECENT M&A ACTIVITY

RECENT TRANSACTIONS

Target	Buyer	Announced		Transaction Description
	Gilat	Nov-23	comm	ath designs and manufactures remote field unications including fixed and deployable atellite Terminals
€e2E	* TELESPAZIO a LEONARDO and THALES company	Nov-23	system	a provider of satellite communications, s, and software engineering solutions for bace, defense, and SatCom markets
SRT))GROUP	eql(pse	Nov-23		oup provides signals intelligence (SIGINT) ectronic warfare technologies
bliley technologies	₹ KYOCER3	Oct-23	,	nanufactures low-noise crystal & oscillator cts for use in avionics, LEO, and GEO ations
EO Vista	GENERAL ATOMICS	Sep-23	sensors	ra provides advanced EO/IR weather s to the U.S. Space Force to support next- mall weather sats
SCIURUS	(INTEGRASYS	Sep-23		develops software for satellite llation prototypes
9 FREE SPACE	SC UT	Aug-23		oper of space domain awareness and security solutions
XEXO-SPACE	SIDUS SPACE	Aug-23	classific	ace provides software for custom image cation and object detection algorithm ns in space
HYPER	FORWARD SLOPE INC.	Aug-23	applies	atial data visualization platform which s real-time threat analysis, makes Al- ated recommendations
TRIDENT	LIGHTRIDGE solutions	Jul-23	» High-p solution	erformance space electronics and C4ISR ns
EMERGENT Space Technologies	YORK SPACE SYSTEMS	Jun-23		oper of advanced systems and flight re for multi-spacecraft missions
MAXAR	Advent International	May-23	includi	er of advanced space technology solutions ng satellites, earth imagery, geospatial ınd analytics
numerîca"	SLINGSHOT AEROSPACE	Aug-22	Division	ica Space Domain Awareness (SDA) n includes an autonomous global network orietary sensors and software
Jacobs	Hawk Eye ³60	Nov-21	» HawkE geoan	ye 360, Inc. specializes in radio frequency alytics
ATA AEROSPACE	BLU≣H∧LO	Oct-20	specia	an engineering services company lizing in solutions and services for small es and space situational awareness
centauri	KBR	Oct-20	solution	uri is a pure-play space and intelligence ns provider of space domain awareness ed operations

SPACE DOMAIN AWARENESS - NOTABLE VC ACTIVITY

RECENT TRANSACTIONS

Target	Lead Investors	Announced	Funding Type	Amount Raised
HawkEye ³⁶⁰	LOCKHEED MARTIN VENTURES	Oct-23	Series D	\$ 10.0M
COGNITIVE SPACE	DOLBY FAMILY VENTURES	Oct-23	Seed	\$ 4.0M
DIGA∕∕TARA	global brain	Sep-23	Series A	\$ 10.0M
kayhan. space	© EVE ATLAS ■SPACE CAPITAL	Sep-23	Seed	\$ 7.0M
ANTARIS	streamlined ventures	Sep-23	Seed	\$ 3.5M
® H∈O	Y Combinator	Aug-23	Series A	\$ 8.0M
S SPACEDATA	global brain	Aug-23	Seed	\$ 10.6M
BENCHMARK® space systems	freshTracks	Jul-23	Series B	\$ 33.3M
pixel	G/	Jun-23	Series B	\$ 36.0M
QUASAR SAT	MAIN SEQUENCE	Mar-23	Seed	\$ 6.0M
STARFISH SPACE	Munich Re Ventures TOYOTA VENTURES	Mar-23	Series A	\$ 14.0M
TURIONSPACE	SOMA CAPITAL	Mar-22	Seed	\$ 1.5M
CESIUM■	AIRBUS VENTURES Forever Ventures	Mar-22	Series B	\$ 40.0M
EXCLOSURE	b o stVC	Jan-22	Pre-Seed	\$ 1.0M
⊖ LEOLABS	INSIGHT	Jun-21	Series B	\$ 65.0M

RECENT TRANSACTIONS











































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