



AV Investor Open House
Albuquerque, New Mexico

September 30, 2025

Safe Harbor Statement

This presentation contains "forward-looking statements" as that term is defined in the Private Securities Litigation Reform Act of 1995. Forward-looking statements include, without limitation, any statement that may predict, forecast, indicate or imply future results, performance or achievements, and may contain words such as "will," "believe," "anticipate," "expect," "estimate," "intend," "project," "plan," or words or phrases with similar meaning. Forward-looking statements are based on current expectations, forecasts and assumptions that involve risks and uncertainties, including, but not limited to, economic, competitive, governmental and technological factors outside of our control, that may cause our business, strategy or actual results to differ materially from the forward-looking statements.

Factors that could cause actual results to differ materially from the forward-looking statements include, but are not limited to, the impact of our ability to successfully close and integrate acquisitions into our operations and avoid disruptions from acquisition transactions that will harm our business; the recording of goodwill and other intangible assets as part of acquisitions that are subject to potential impairments in the future and any realization of such impairments; any actual or threatened disruptions to our relationships with our distributors, suppliers, customers and employees, including shortages in components for our products, including due to restrictions and sanctions imposed by foreign governments; the ability to timely and sufficiently integrate international operations into our ongoing business and compliance programs; reliance on sales to the U.S. government, including uncertainties in classification, pricing or potentially burdensome imposed terms for certain types of government contracts; availability of U.S. government funding for defense procurement and R&D programs; our ability to win U.S. and international government R&D and procurement programs, including foreign military financing aid; changes in the timing and/or amount of government spending, including due to continuing resolutions and/or changing government priorities; adverse impacts of a U.S. government shutdown; our ability to realize the anticipated benefits of the BlueHalo transaction; our ability to execute contracts for anticipated sales, perform under such contracts and other existing contracts and obtain new contracts; risks related to our international business, including compliance with export control laws; the extensive and increasing regulatory requirements governing our contracts with the U.S. government and international customers; the consequences to our financial position, business and reputation that could result from failing to comply with such regulatory requirements; unexpected technical and marketing difficulties inherent in major research and product development efforts; the impact of potential security and cyber threats or the risk of unauthorized access to and resulting misuse of our, our customers' and/or our suppliers' information and systems; failure to remain a market innovator, to create new market opportunities or to expand into new markets; our ability to increase production capacity to support anticipated growth; unexpected changes in significant operating expenses, including components and raw materials; failure to develop new products or integrate new technology into current products; any increase in litigation activity or unfavorable results in legal proceedings, including pending class actions, or litigation that may arise from our recent acquisition of BlueHalo; our ability to respond and adapt to legal, regulatory and government budgetary changes; our ability to comply with the covenants in our loan documents, outstanding convertible notes, or merger agreement with BlueHalo; our ability to attract and retain skilled employees, including retention of BlueHalo employees; the impact of inflation; and general economic and business conditions in the United States and elsewhere in the world; and the failure to establish and maintain effective internal control over financial reporting. For a further list and description of such risks and uncertainties, see the reports we file with the Securities and Exchange Commission. We do not intend, and undertake no obligation, to update any forward-looking statements, whether as a result of new information, future events or otherwise.

_AGENDA

Investor Open House

30 September 2025

	TIME	TOPIC	PRESENTED BY
	8:00 AM	Registration	
	8:30 AM	Welcome	Denise Pacioni Investor Relations
	8:35 AM	Industry Outlook and Company Overview	Wahid Nawabi Chairman, President & CEO
	8:50 AM	Autonomous Systems Segment Overview	Trace Stevenson President, Autonomous Systems
	9:00 AM	AV_Halo: AV's Unified Software Platform for the Future Battlesphere	Scott Bowman Vice President & Chief Technology Officer
	9:20 AM	Space, Cyber and Directed Energy Segment Overview	Trip Ferguson President, Space, Cyber & Directed Energy
	9:30 AM	Space and Directed Energy Strategy and Product Overview	Mary Clum Executive Vice President, Space & Directed Energy
	10:15 AM	Break	
	10:30 AM	Closing Remarks / Q&A	Kevin McDonnell Executive Vice President, Chief Financial Officer
	11:10 AM	Facility Tour	
	12:30 PM	Lunch and Departure	

AVV

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...T IN CONTEXT OF SOFTWARE
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LN-6665/A
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YOP-514/I
L1-9805
LO-7524/C
HL-6FFA
UN-5593
UR-800/
JO-98AB
V20 V21 V22 V23 V24
REQ





Industry Outlook and Company Overview

Wahid Nawabi
Chairman, President and Chief Executive Officer

Paradigm Shift in U.S. Defense Industry

- ✓ U.S. and its allies have underinvested in defense spending for 15+ years
- ✓ Industry consolidation has created ~ seven major defense primes
- ✓ The current administration is looking to expand the pool of primes and encourages a more competitive procurement process
- ✓ The Ukraine conflict has shifted defense spending priorities toward integrated AI platforms such as uncrewed systems and lethal drones
- ✓ Solutions must be resilient and able to operate in contested, communication-denied environments
- ✓ Demand is rising, with accelerated acquisition timelines from domestic and international customers



INDUSTRY WINNERS WILL BE THOSE WITH REPUTABLE INNOVATIVE SOLUTIONS, ALREADY IN PRODUCTION, THE ABILITY TO RAPIDLY SCALE MANUFACTURING AND THE BALANCE SHEET STRENGTH TO SUPPORT SUSTAINED GROWTH

Rapid Innovation and Industry Experience Win

Customers demand leading-edge innovation AND domain expertise
 – a unique skillset few companies, like AV, possess

THE PERFECT BLEND OF INNOVATION & EXPERIENCE

EXPERIENCE

TRADITIONAL DEFENSE PRIME COMPETENCIES

Stability, scale, integration mastery, and compliance

Large Integration Projects

Scaled Manufacturing

Domain Expertise

Stable Cash Flows & Profitability

Regulatory/Compliance Strength

Risk-Averse

Destination for Top Talent

Agile

Emerging & Innovative Tech

Rapid Development

Not Profit Constrained (Growth First)

VC-BACKED DEFENSE TECH FIRMS

Agility, disruptive tech, speed to market, and risk-tolerance.

INNOVATION



AV uses deep customer partnerships and nimble technologies to break the tradeoff between growth & profitability, and innovation & risk

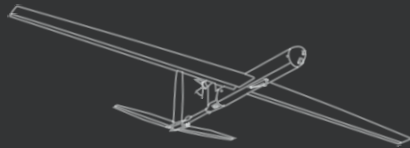
AV uses deep customer partnerships and nimble technologies to break the tradeoff between growth & profitability, and innovation & risk

- _ INNOVATIVE & RESPONSIVE
- _ STRONG & BALANCED
- _ GROWING & PROFITABLE
- _ PROVEN MANUFACTURING
- _ ABILITY TO SCALE
- _ CUSTOMER INTIMACY

FY30 Addressable Opportunity Exceeds

SOURCE: RENAISSANCE STRATEGIC ADVISORS

\$75B+

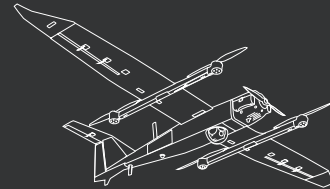


\$10B+

+14% 5YR CAGR

OFFENSIVE SYSTEMS

Loitering Munitions, Launched Effects, One-Way Attack

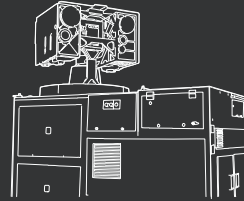


\$15B+

+16% 5YR CAGR

UNCREWED SYSTEMS

Groups 1-3 UAS, UGVs, ROVs

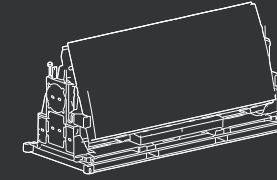


\$17B+

+9% 5YR CAGR

DEFENSIVE SYSTEMS

Directed Energy, RF C-UAS, C2, Low-Cost Kinetic Effectors, EW

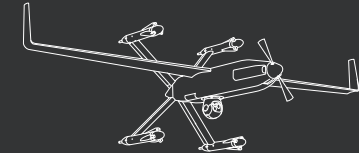


\$23B+

+9% 5YR CAGR

SPACE TECHNOLOGY

RF SATCOM, Laser Comms, Space Grade Electronics



\$14B+

+17% 5YR CAGR

MW / ADV

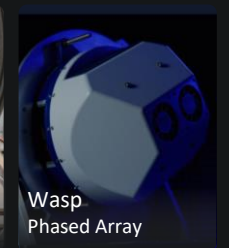
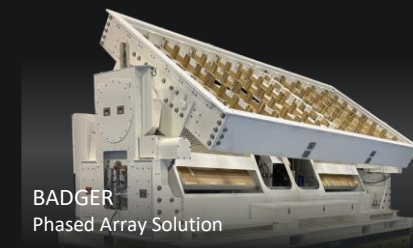
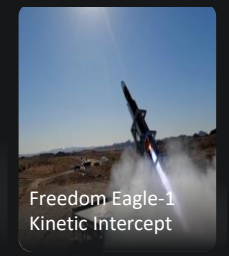
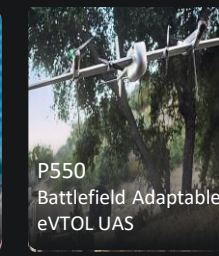
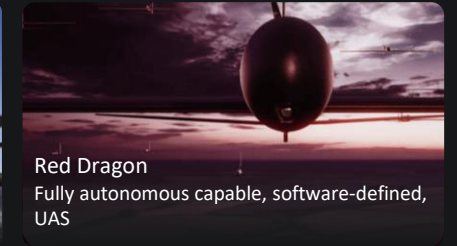
MacCready Works Advanced Solutions

Innovating and Incubating New Markets

AV's Solutions Address U.S. DoD's Fastest Growing Priorities

Designed and developed ...with the customer's goals in mind

1.	<p>Precision Fires & Loitering Munitions Red Dragon, Switchblade Enables long-range, precision strike capabilities against high-value targets with expendable and agile systems</p>
2.	<p>Autonomous UAS (Groups 1-3) P550, Puma, Jump-20-X Provides low-cost, portable uncrewed aerial systems for real-time ISR, targeting, and situational awareness</p>
3.	<p>C-UAS Titan, Titan-SV, LOCUST, Freedom Eagle-1 Counters hostile drones through kinetic and non-kinetic detection and defeat systems</p>
4.	<p>Space Technologies BADGER, WASP, PANTHER, Space-Qualified Payloads, Laser Communications Enhances warfighter connectivity and threat awareness through space-based systems</p>
5.	<p>Cybersecurity Scraawl, Lokiset, Monocle Safeguards critical mission networks and operations from cyber threats</p>
6.	<p>Advanced Munitions Red Dragon, Switchblade Supports rapid, accurate, and scalable lethality with next-generation guided weapons</p>





AV_Halo

The Unified Software Platform for the Future Battlesphere

Scott Bowman

Vice President and Chief Technology Officer

AV_Halo

AV's pioneering software stack, AV_Halo™, is a modular, mission-ready suite of AI-powered software tools that empower the warfighter to dominate the edge of the battlefield across air, land, sea, and cyber domains.

Extensive: Capability categories allow for future technology to be added easily/

Modular architecture: Deploy what you need, scale when you're ready.

Open and interoperable: Control AV and third-party systems alike.

Built for edge dominance: Works in degraded, contested, and denied environments.

Unified warfighting ecosystem: From command to kinetic effect, one stack.



In the era of drones, AV_Halo empowers U.S. and allied forces to redefine maneuver warfare - harnessing edge intelligence, autonomy, and dynamic C2 to stay ahead, adapt faster, and win decisively.

Delivering the Customer's Needs

Own the Mission. Command the Future.

Integrated with AV's disruptive autonomous systems and precision munitions, AV_Halo delivers full-battlefield dominance - [Detect](#), [Decide](#), [Deliver capability sets](#) – with speed, precision, and unstoppable operational advantage.

DETECT

Fuses multi-domain sensor data into a single AI-driven view. AV_Halo identifies and prioritizes threats instantly, even in contested or denied environments, giving operators unmatched situational awareness and anticipatory dominance.

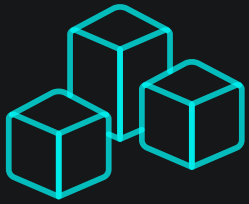
DECIDE

Transforms real-time data into rapid, informed action. AV_Halo accelerates threat prioritization, risk assessment and mission planning, empowering commanders to outthink and outpace evolving threats.

DELIVER

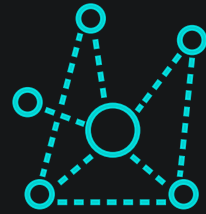
Coordinates precise effects across manned, unmanned, and autonomous systems. AV_Halo executes seamlessly in contested environments, ensuring fast, synchronized response and mission success in challenging mission spaces.

A Truly Integrated Software Approach



Modular Architecture

Deploy what you need, scale when you're ready.



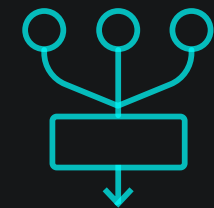
Open and Interoperable

Control AV and third-party systems alike.



Built for Edge Dominance

Works in degraded, contested, and denied environments.



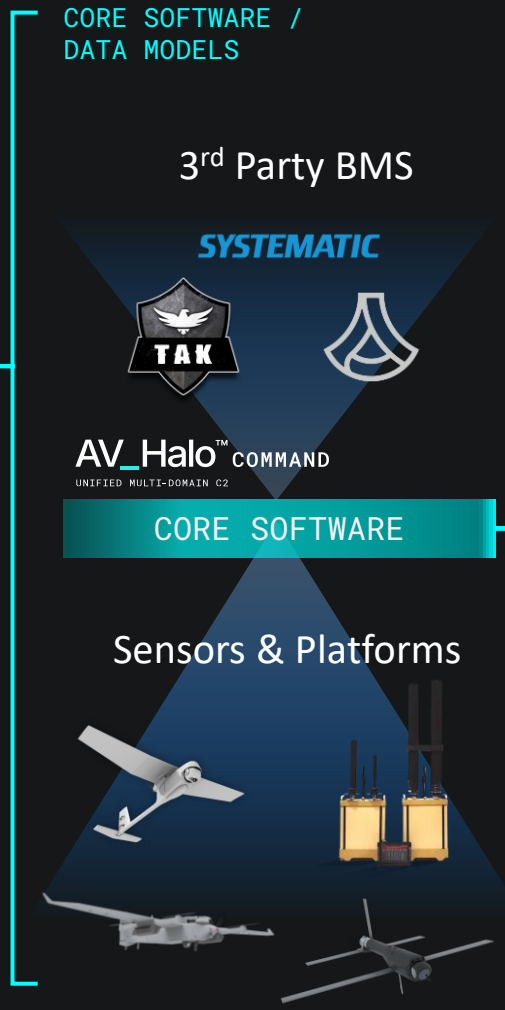
Unified Warfighting Ecosystem

From command to kinetic effect, one stack.

AV_Halo COMMAND Application Structure

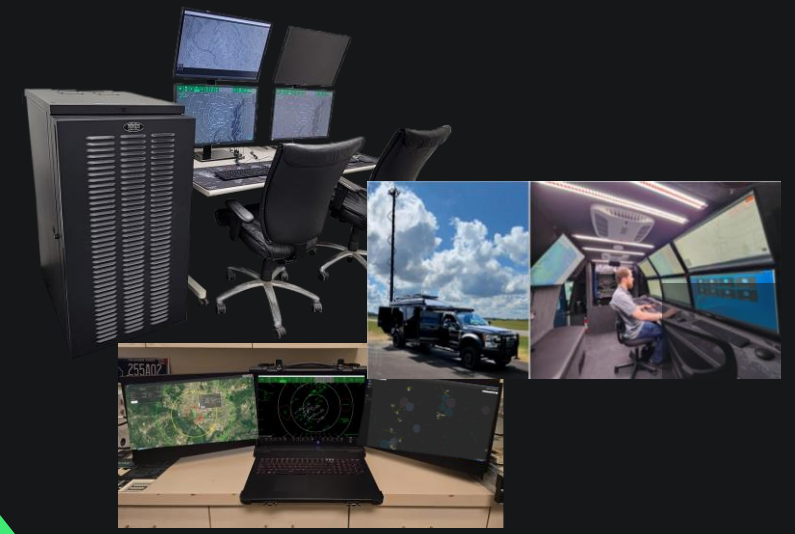
Turnkey, mission-optimized user interfaces integrated with third-party battle management systems

- AV_Halo™ CORTEX
THE BATTLEFIELD'S COGNITIVE ENGINE
- AV_Halo™ COMMAND**
UNIFIED MULTI-DOMAIN C2
- AV_Halo™ VISION
COGNITIVE EYES ON TARGET
- AV_Halo™ INSTINCT
AUTONOMY THAT ENDURES
- AV_Halo™ MENTOR
WARFIGHTER TRAINING & SIMULATION
- AV_Halo™ DETECT
THREATENED / FUEL / OPERATING PICTURE
- AV_Halo™ PINPOINT
DETECTED ENERGY & TARGETING



- USER INTERFACE APPS (FORMER NAMES)
- Galaxy ATC
 - Galaxy UAS BVLOS
 - Galaxy C2/C-UAS

 - Kinesis Mobile UxS C2
 - Kinesis Mounted/Desktop UxS C2



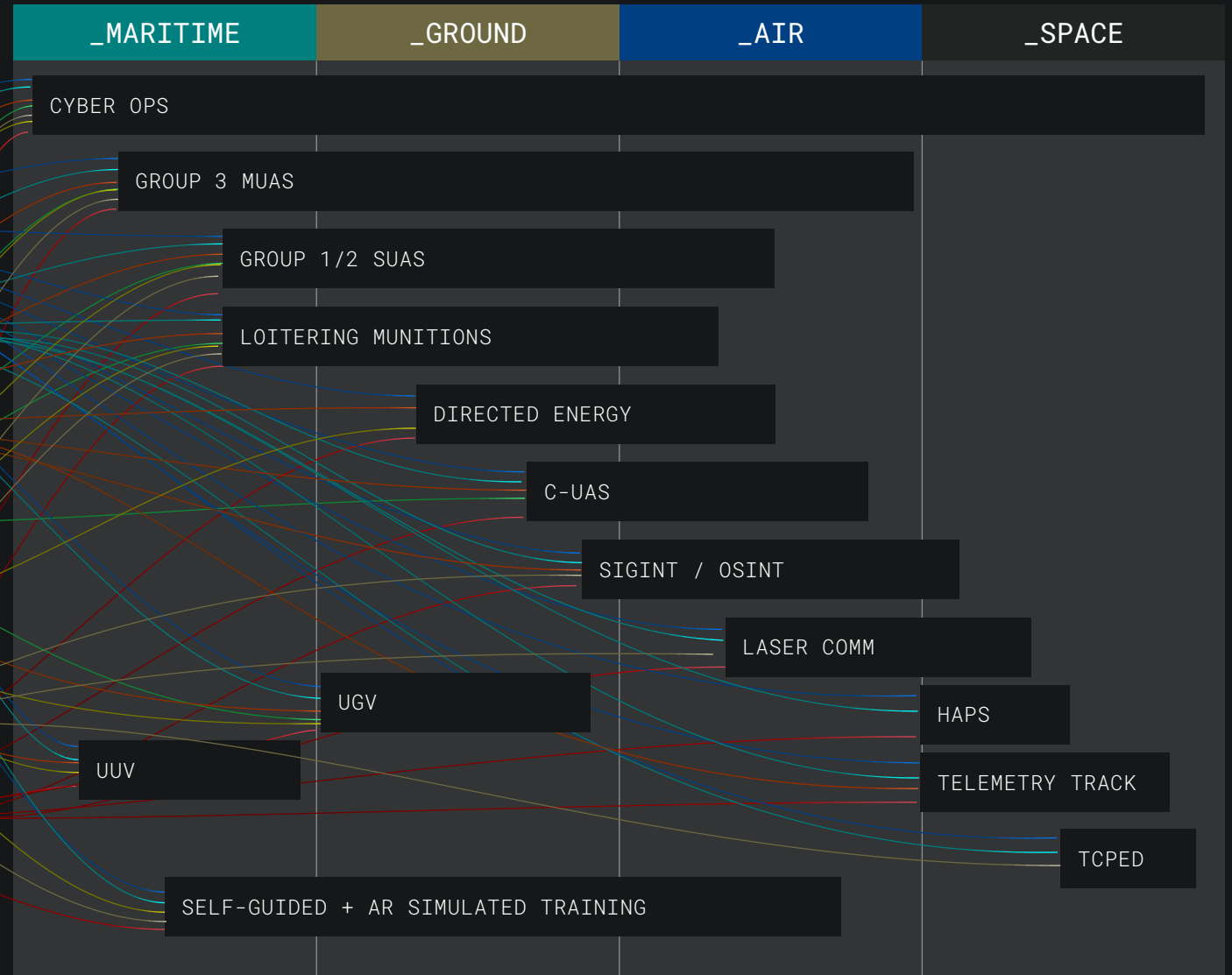
Mission UI

Tactical UI



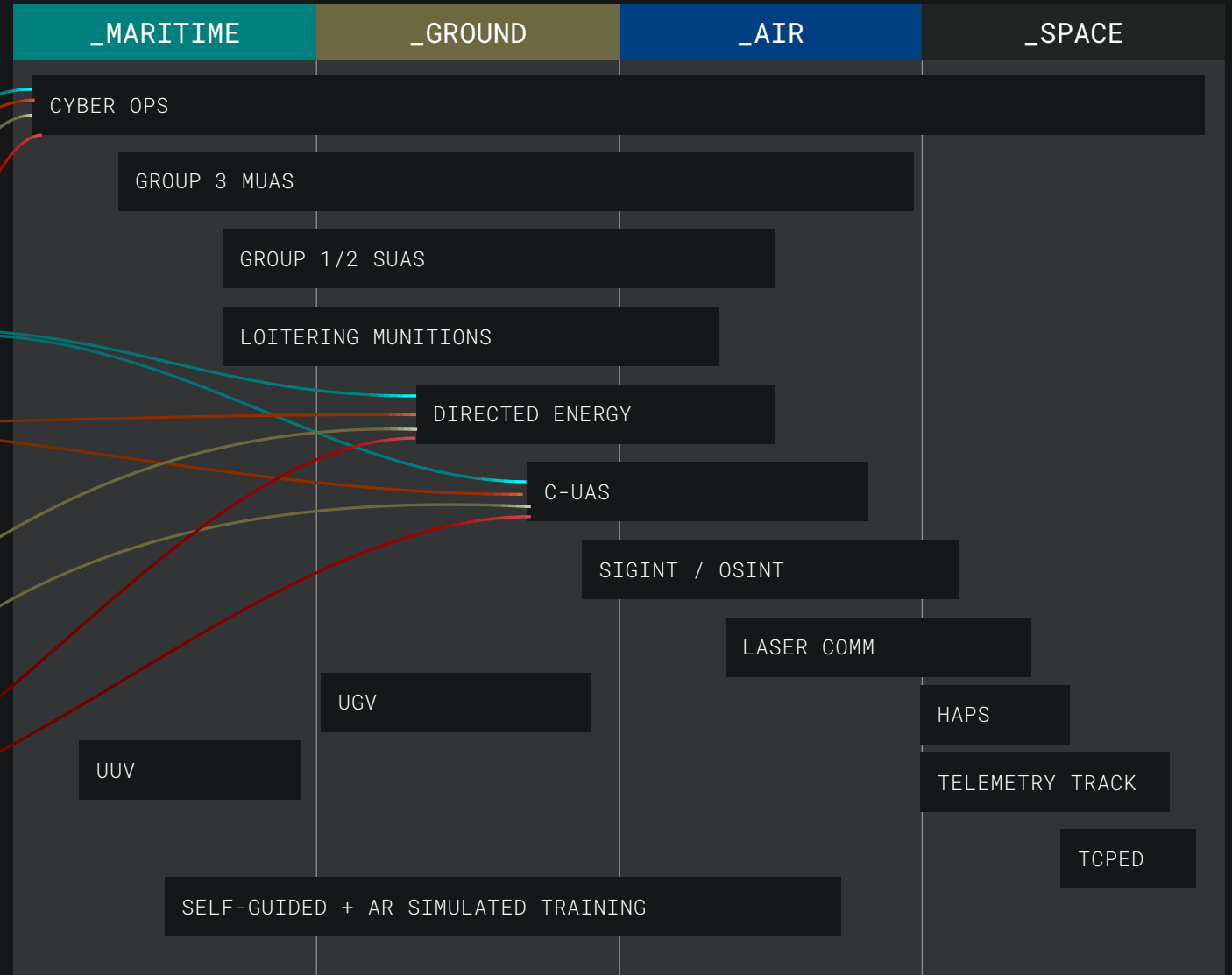
Own the Mission. Command the Future.

-  **AV_Halo™ CORTEX**
THE BATTLEFIELD'S COGNITIVE ENGINE
-  **AV_Halo™ COMMAND**
UNIFIED MULTI-DOMAIN C2
-  **AV_Halo™ VISION**
COGNITIVE EYES ON TARGET
-  **AV_Halo™ INSTINCT**
AUTONOMY THAT ENDURES
-  **AV_Halo™ MENTOR**
WARFIGHTER TRAINING & SIMULATION
-  **AV_Halo™ DETECT**
THEATER-LEVEL OPERATING PICTURE
-  **AV_Halo™ PINPOINT**
DIRECTED ENERGY & TARGETING

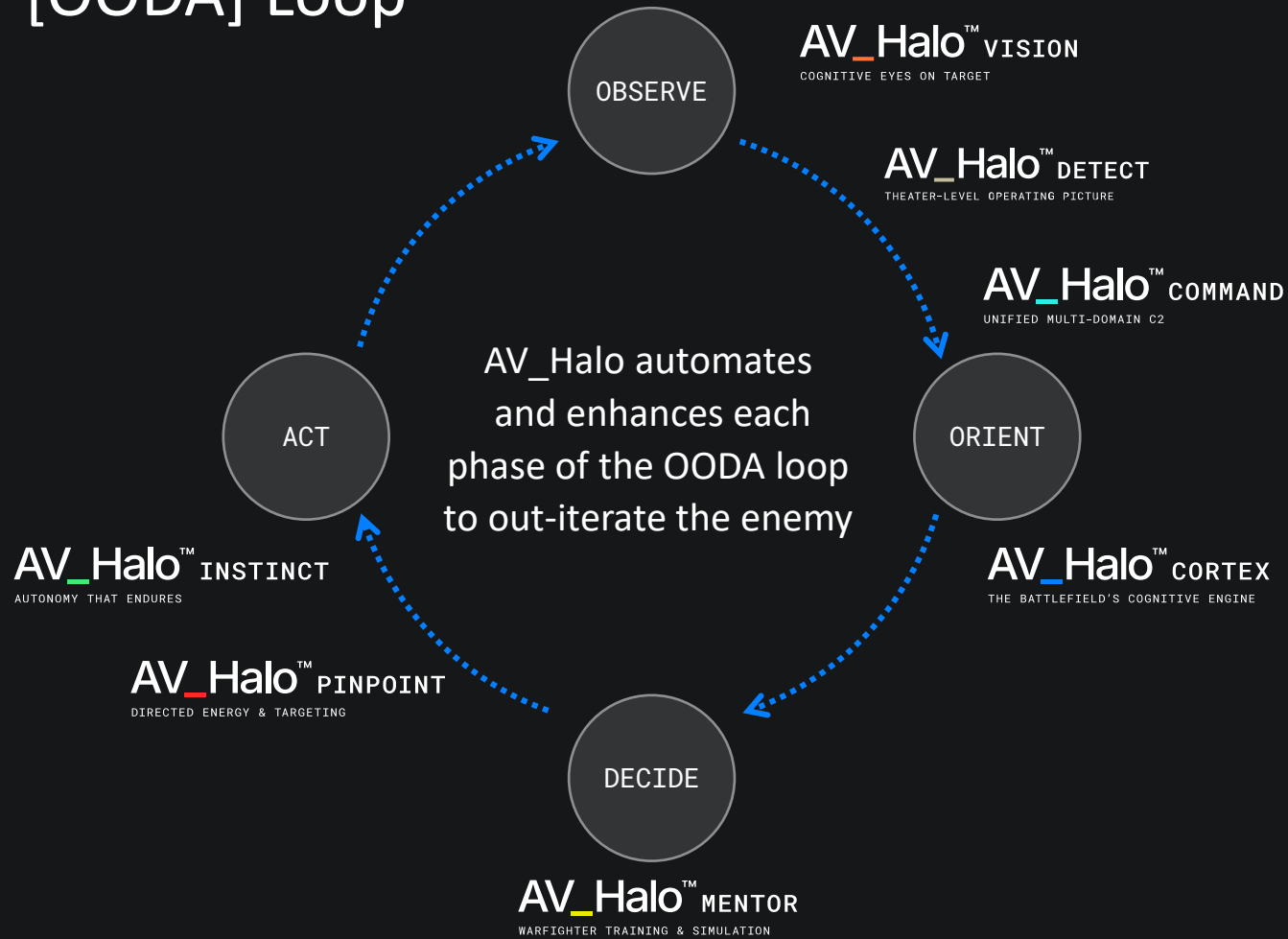


Own the Mission. Command the Future.

-  **AV_Halo™ CORTEX**
THE BATTLEFIELD'S COGNITIVE ENGINE
-  **AV_Halo™ COMMAND**
UNIFIED MULTI-DOMAIN C2
-  **AV_Halo™ VISION**
COGNITIVE EYES ON TARGET
-  **AV_Halo™ INSTINCT**
AUTONOMY THAT ENDURES
-  **AV_Halo™ MENTOR**
WARFIGHTER TRAINING & SIMULATION
-  **AV_Halo™ DETECT**
THEATER-LEVEL OPERATING PICTURE
-  **AV_Halo™ PINPOINT**
DIRECTED ENERGY & TARGETING



Observe-Orient-Decide-Act [OODA] Loop



"Experience is fast"

MENTOR enables rapid decision making through training experience

EXAMPLE MISSION

AV_Halo™ DETECT
THEATER-LEVEL OPERATING PICTURE

AV_Halo™ CORTEX
THE BATTLEFIELD'S COGNITIVE ENGINE

1. Gather SIGINT and OSINT data
2. ID probable target signature
3. Fly ISR platform at expected location
4. Positive ID of target signature

AV_Halo™ COMMAND
UNIFIED MULTI-DOMAIN C2

5. Launch Switchblade w/ AV_Halo COMMAND
6. Send Switchblade to orbit target
7. Positive visual ID
8. Command Switchblade to commit

AV_Halo™ INSTINCT
AUTONOMY THAT ENDURES

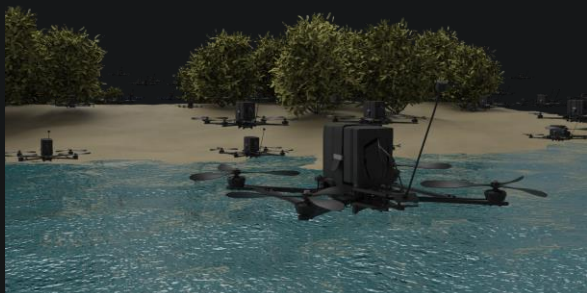
AV_Halo™ PINPOINT
DIRECTED ENERGY & TARGETING

9. Switchblade tracks target to termination

CONOPS ONE C-UAS Product Example

Applications work together to deliver a layered & scalable C-UAS solution.

The Problem



_MISSION GENERATED IMAGE

UAS are a Fast-Moving Threat

Customers need electro-optical tracking systems designed for following various threats in cluttered or clear skies. Multiple camera payload options provide a wide field of view, aiding in early target identification and tracking, while our High Energy Laser (HEL) and other effectors neutralize the threats.



Locust LWS
Directed Energy Solution

AV_Halo™ CORTEX
THE BATTLEFIELD'S COGNITIVE ENGINE

AV_Halo™ COMMAND
UNIFIED MULTI-DOMAIN C2

AV_Halo™ VISION
COGNITIVE EYES ON TARGET

AV_Halo™ INSTINCT
AUTONOMY THAT ENDURES

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WARFIGHTER TRAINING & SIMULATION

AV_Halo™ DETECT
THEATER-LEVEL OPERATING PICTURE

AV_Halo™ PINPOINT
DIRECTED ENERGY & TARGETING



AV_Halo Solution

Our layered & integrated software stack, matched with our autonomous hardware systems:

	<p>COMMAND provides Battle Management with C2 for UxVs. Situational awareness that drives decision-making and execution</p>
	<p>VISION onboard computer vision for autonomous targeting and lower cognitive burden</p>
	<p>DETECT allows UxS, and strike platforms to operate independently leveraging responsive AI & real-time threat perception</p>
	<p>PINPOINT employs high-accuracy AI-enhanced point and track algorithms to neutralize small/medium UAS threats</p>

Select software pairings create scalable and mission specific solutions



Autonomous Systems Segment Overview

Trace Stevenson
President, Autonomous Systems

Autonomous Systems Solutions for Mission-Critical Operations



Switchblade 600



Red Dragon



Freedom Eagle-1
Kinetic Intercept



P 550



Jump 20



Puma 3AE



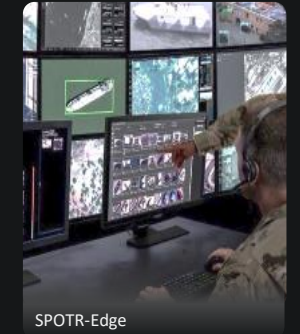
Defender



Telemax EVO



AVACAORE

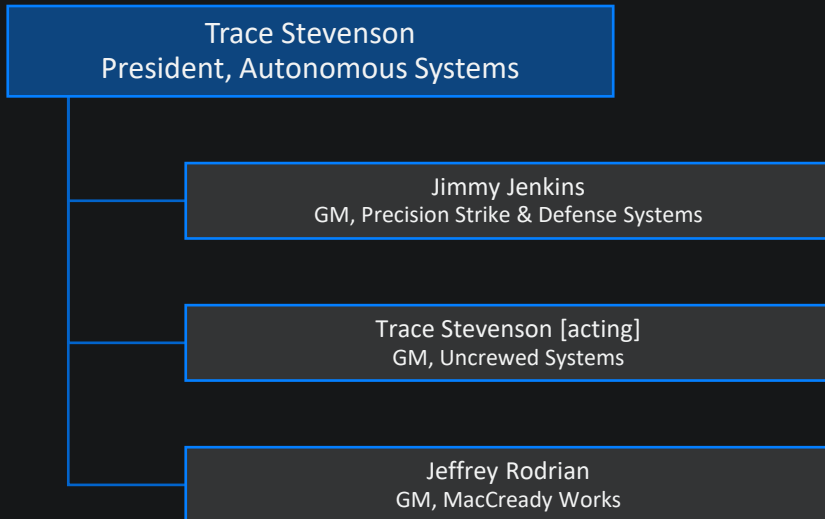


SPOTR-Edge

[PSDS] Precision Strike & C-UAS

[UxS] Uncrewed Systems | Air, Ground & Maritime Robotics

[MW] MacCready Works



SEGMENT HIGHLIGHTS



\$1.049B

FY2025 PRO FORMA REVENUE (unaudited)



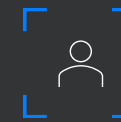
\$285M

Q1 FY2026 ACTUAL REVENUE



42,000+

PLATFORMS FIELDIED



1,583

TOTAL EMPLOYEES



534

CLEARED EMPLOYEES



126

VETERANS



31

EMPLOYEES W/ PhDs

[AxS] Autonomous Systems

SUAS (GROUP 1/2 UAS)



PUMA LE



PUMA 3AE



PUMA VTOL



P550



RAVEN B



VAPOR 55 MX



TOMAHAWK

MUAS (GROUP 3 UAS)



JUMP 20



JUMP 20-X



T-20

PRECISION STRIKE AND DEFENSE SYSTEMS



SWITCHBLADE 600



SWITCHBLADE 300



RED DRAGON



BLACKWING

ROBOTIC SOLUTIONS (TELEROB)



TELEMAX UGV



TEODOR EVO

MACCREADY WORKS (ADVANCED TECHNOLOGIES)



SOLAR HAPS



ARK



ACE



SPOTR-EDGE



WILDCAT

UNCREWED MARITIME



DEFENDER

RF C-UAS



TITAN

NEXTGEN C-UAS MISSILE

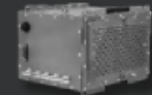


FE-1

C2 TRACKING + SENSING



ELECTRONIC WARFARE



We Are the Future of Defense | AxS Technologies



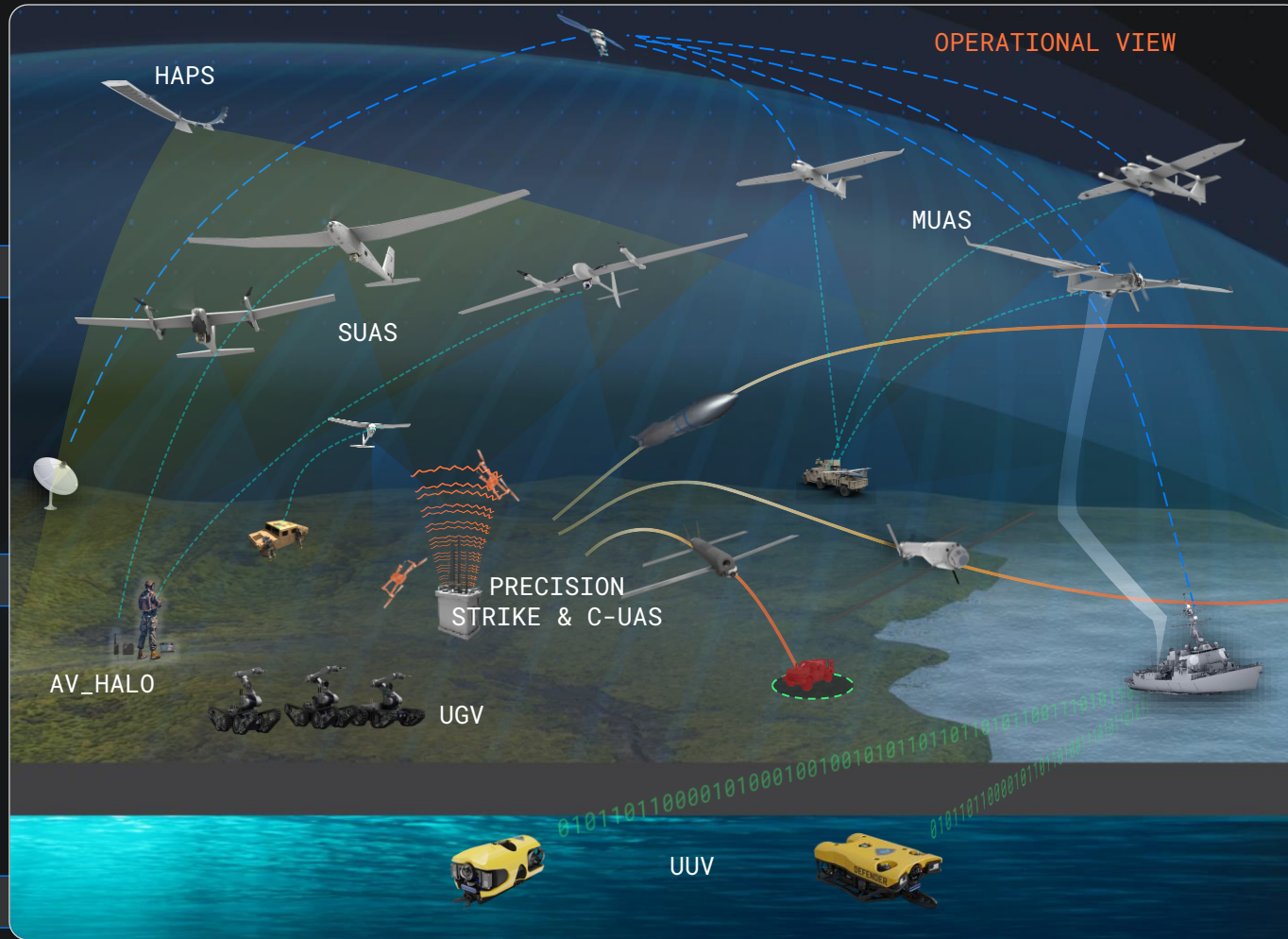
MUAS



SUAS



PRECISION STRIKE & C-UAS



AV_HaIo COMMAND

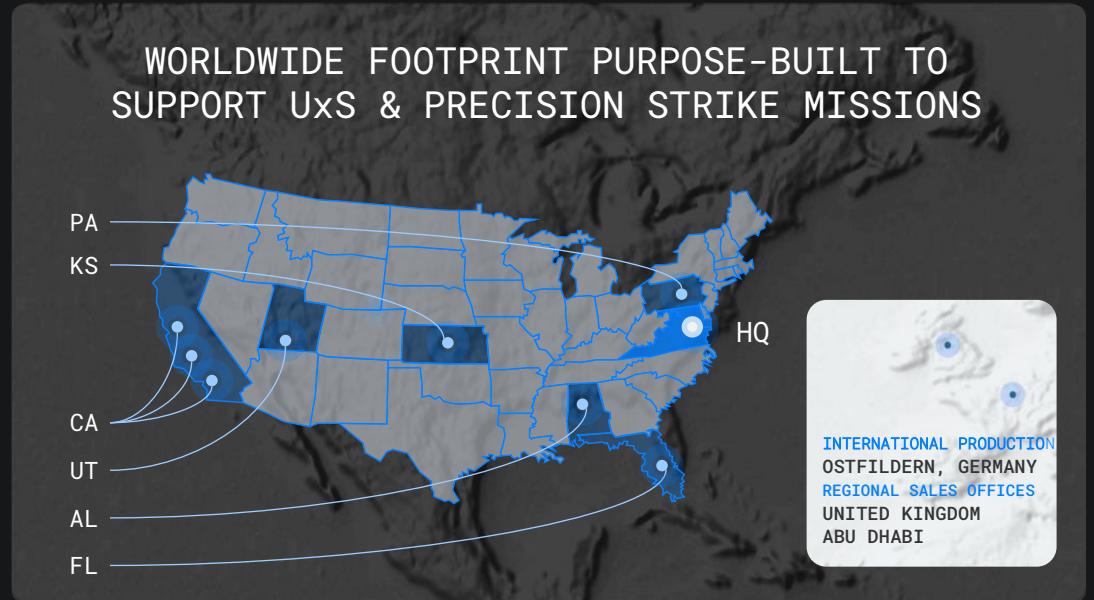


UGV



UUV

AxS Global Manufacturing | Scaling to Meet Rising Demand



AV Product Manufacturing Scalability

Potential Near-Term Available Capacity [<12 mo] *

* with focused resources and investment

Puma 3 AE	3x
JUMP 20	3x
P550	5x
Red Dragon	4x
VAPOR 55 MX	2x

Switchblade 300	2x
Switchblade 600 Block 1	2.5x
Switchblade 600 Block 2 (LRIP)	6x
Titan 3 // Titan 4	3x
Freedom Eagle-1	N/A (Program in Development)

Several Key Growth Programs on the Horizon

INNOVATIVE SOLUTIONS




SCALABLE MANUFACTURING



LARGE-SCALE PROGRAM OPPORTUNITIES

U.S. ARMY LRR (P550)




\$1B+

U.S. MARINE CORPS OPF (SWITCHBLADE)




\$2B+

U.S. ARMY LASSO (SWITCHBLADE)




\$1B+

NGCM (FREEDOM EAGLE-1)




\$1B+


KEY GROWTH DRIVERS LEADING TO EXPANDED FOOTPRINT



P550™ ALL-ELECTRIC VTOL UAS



Switchblade® 600 LOITERING MUNITION



JUMP® 20-X HEAVY-FUEL VTOL FIXED-WING

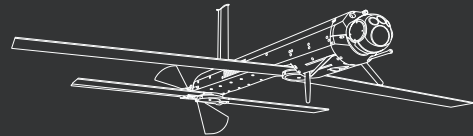
FUTURE PROGRAMS OF RECORD



AxS FY30 Addressable Opportunity Exceeds

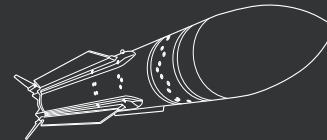
SOURCE: RENAISSANCE STRATEGIC ADVISORS

\$50B+



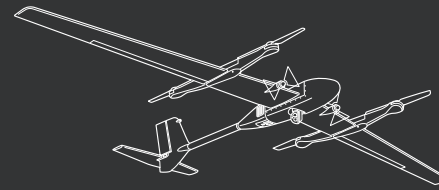
\$10B+

14% 5YR CAGR



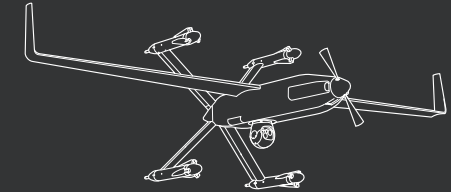
\$13B+

12% 5YR CAGR



\$15B+

16% 5YR CAGR



\$14B+

17% 5YR CAGR

OFFENSIVE SYSTEMS

Loitering Munitions, Launched Effects, One-way Attack

DEFENSIVE SYSTEMS

RF C-UAS, Command & Control [C2], Low-Cost Kinetic Effectors, EW

UNCREWED SYSTEMS

Groups 1-3 UAS, UGVs, ROVs

MW / ADV

MacCready Works / Advanced Solutions

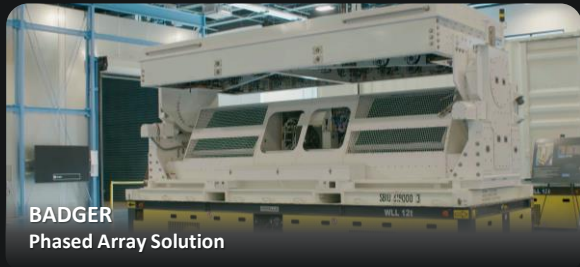




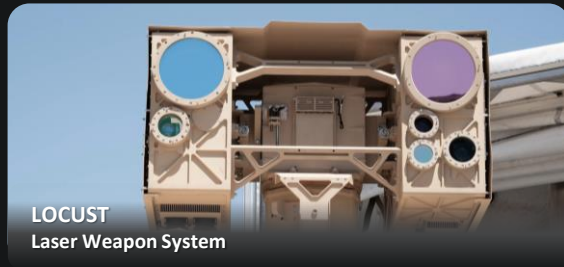
Space, Cyber and Directed Energy Segment Overview

Trip Ferguson
President, Space, Cyber and Directed Energy

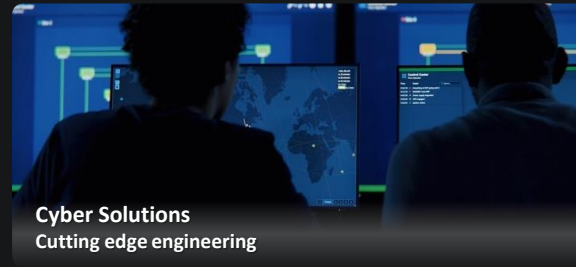
SCDE Solutions for Mission-Critical Operations



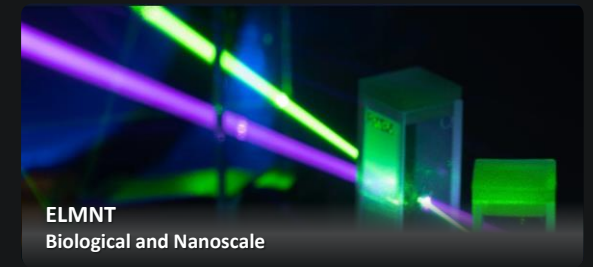
Space



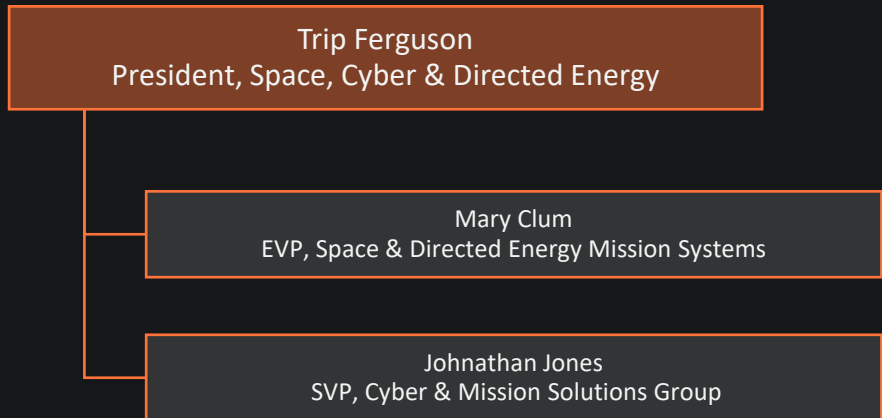
Directed Energy Mission Systems



Cyber



Mission Solutions



SEGMENT HIGHLIGHTS

	\$646M FY2025 PRO FORMA REVENUE (UNAUDITED)		1,532 TOTAL EMPLOYEES
	~\$170M FY2026 Q1 REVENUE		941 CLEARED EMPLOYEES
	182+ PATENTS		444 VETERANS
			246 EMPLOYEES WITH PHDS

Space, Cyber & Directed Energy Products

TASKING, COLLECTION,
PROCESSING AND
DISSEMINATION (TCPED)



SPACE DOMAIN
AWARENESS MISSION
SYSTEMS



ORBITAL
WARFARE &
SPACE EFFECTS



RF SYSTEMS
FOR COMMUNICATIONS AND
SENSING



BADGER

SATELLITE ELECTRONICS
AND SPACE-QUALIFIED
SENSORS



FAST STEERING
MIRRORS

LASER COMMUNICATION
SPACE PAYLOADS



TELEMETRY AND
TRACKING OF
HYPERSONIC AND
MISSILE SYSTEMS



PERIMETER/BASE
DEFENSE



HEALTH HUMAN
PERFORMANCE



INTELLIGENCE ANALYSIS



MISSION SERVICES



OFFENSIVE & DEFENSIVE
CYBER OPERATIONS



DIGITAL
OPERATIONS



OPEN-SOURCE
INTELLIGENCE



PRECISION POINTING,
TRACKING AND
TARGETING SYSTEMS



LOCUST TATS

DIRECTED
ENERGY C-UAS



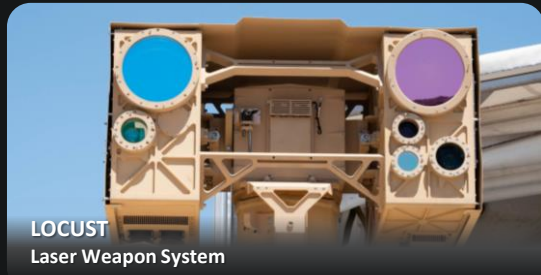
LOCUST LWS

We Are the Future of Defense | Our Technologies



BADGER
Phased Array Solution

SPACE

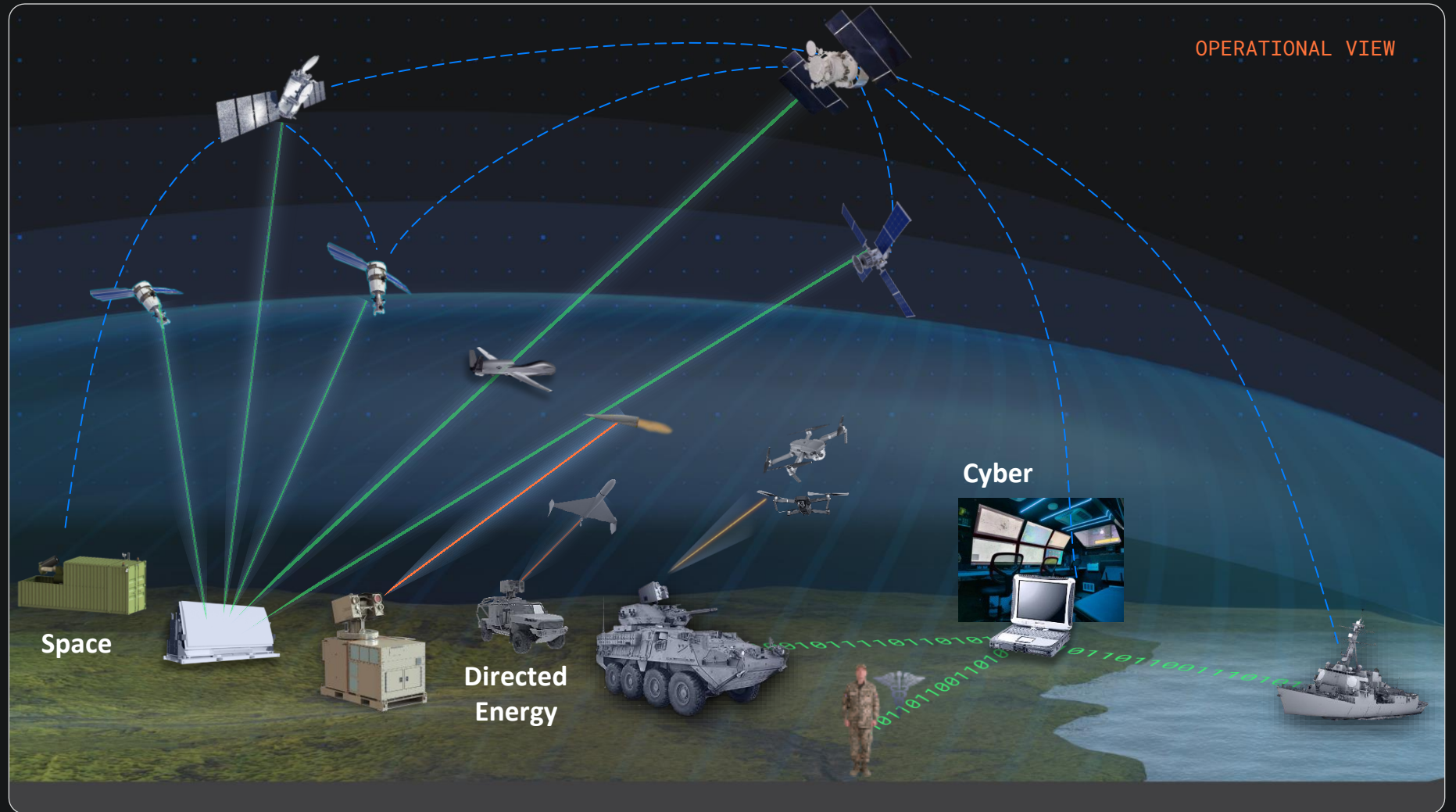


LOCUST
Laser Weapon System

DIRECTED ENERGY



CYBER



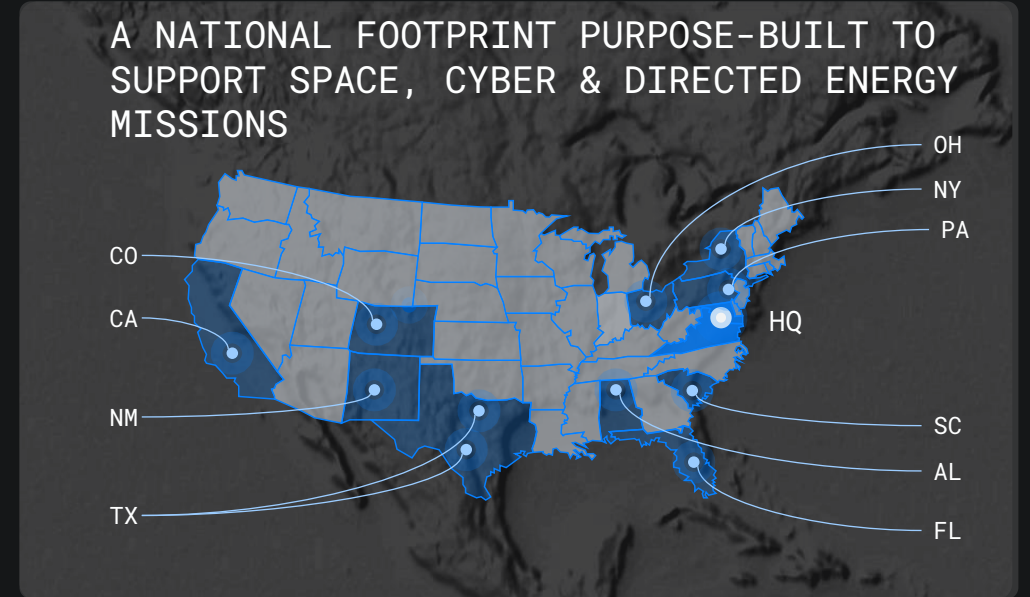
OPERATIONAL VIEW

Space

Directed Energy

Cyber

World-Class Infrastructure Enabling Rapid Test, Prototype, and Scaled Production



Automated RF Anechoic Chamber



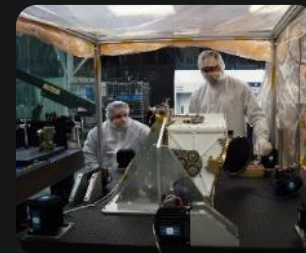
Space Qualified Electronics Lab



Space Operations Manufacturing Facility



Long Haul LaserComm Terminal Production



Sensor Production & Assembly Line



End-to-End DE Integration Facility



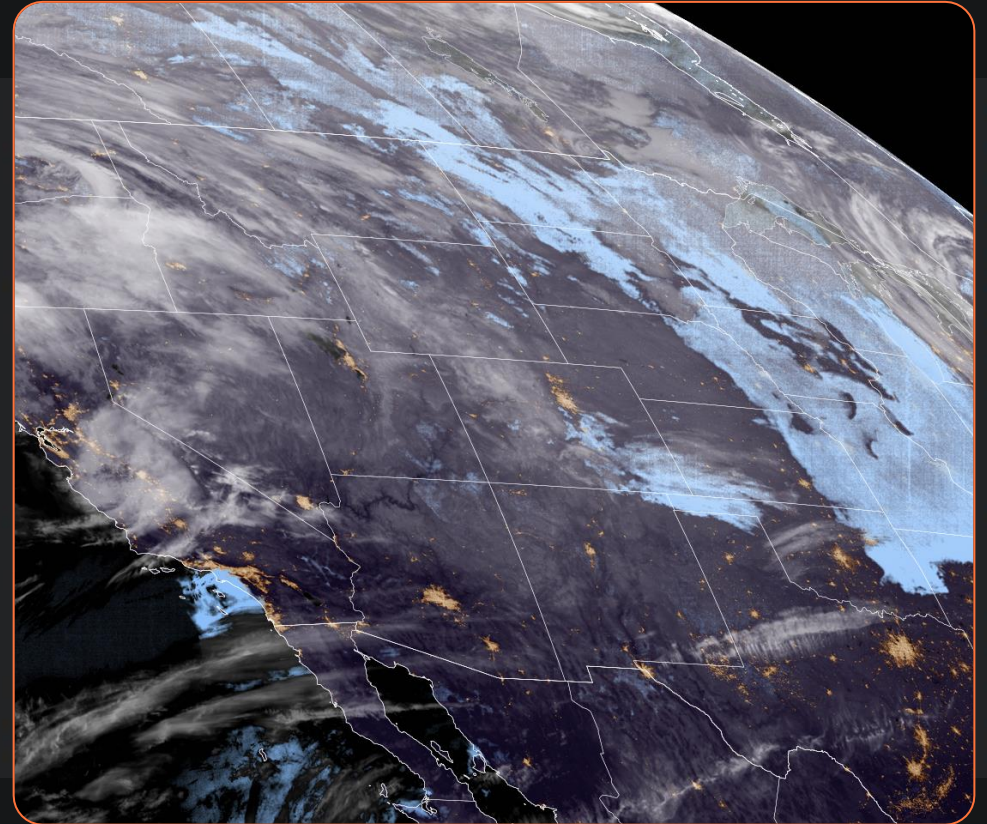
Rapid RF Test & Prototype Range

The "Under Dome" For Golden Dome



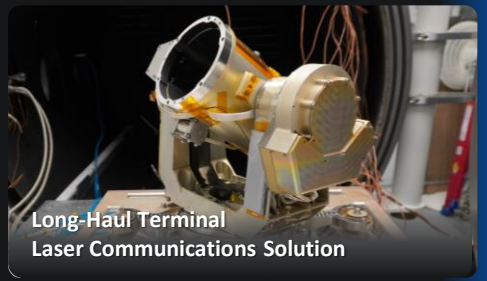
AV, SNC Collaborate to Develop Limited-Area Missile Defense Architecture Under Golden Dome Initiative

By uniting AV's fielded kinetic, directed-energy, and sensor solutions with SNC's open-architecture integration expertise, our partnership delivers a scalable, multi-domain "under-the-dome" defensive architecture to protect high-value assets and critical infrastructure.



Scaling Next-Gen Innovation into Mission Success

NEXT-GENERATION TECHNOLOGY & IP



STATE-OF-THE-ART FACILITIES



LARGE-SCALE PROGRAM WINS

SCAR (BADGER)



\$1.7B+

HELMSSMAN (ADVANCED MATERIALS)




\$499M+

LONG-HAUL LASER COMMUNICATIONS



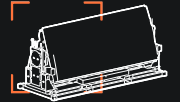
\$240M+

LOCUST AMP-HEL




\$76M+


KEY GROWTH DRIVERS



BADGER SPACE OPERATIONS



LaserComm LASER COMMUNICATION TERMINALS



LOCUST DIRECTED ENERGY C-UAS

FUTURE PROGRAMS OF RECORD





Space and Directed Energy

Mary Clum

Executive Vice President, Space and Directed Energy

Space & Directed Energy Overview

RF SATCOM



BADGER
PHASED ARRAY SOLUTION

- BADGER
- WASP
- MSC Lite

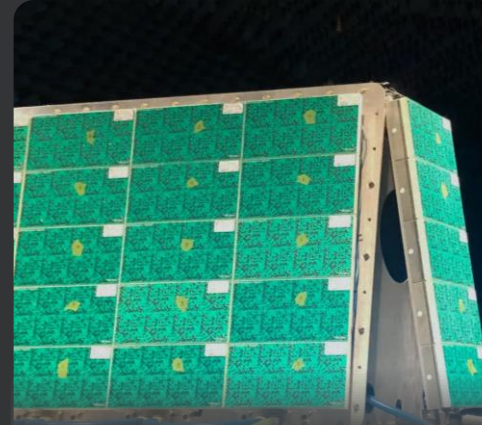
Space Grade Electronics



SPACE QUALIFIED
ELECTRONICS, COMPONENTS &
LASERCOMM TERMINALS

- On-orbit LASERCOMM
- Sensor & Electronics
- Fast Steering Mirrors

Multi-Domain Missile Tracking & Telemetry



PANTHER
RF TRACKING & TELEMETRY

- Ground Station
- Airborne Payload
- Maritime station

Directed Energy & Advanced Tracking Systems



LOCUST
LASER WEAPON SYSTEM

- Laser Weapon System
- Kinetic System Gunsights
- Space Domain Awareness

Proven Legacy of Demonstrated On-Orbit & In-Theater Performance Backed by Specialized Teams of Mission Experts

260+

ON-ORBIT
SPACE COMPONENTS



23,000

LASER WEAPON SYSTEM
OPERATIONAL HOURS



>50%

OF THE EMPLOYEE BASE ARE DEDICATED SOFTWARE &
SPECIALTY ENGINEERS



AV is the Platform for **Scaling** Game-Changing Technologies.

Our unique combination of **hardware-agnostic software suite, production capacity, and financial strength** allows us to take the most challenging technologies to scale in Space & Directed Energy

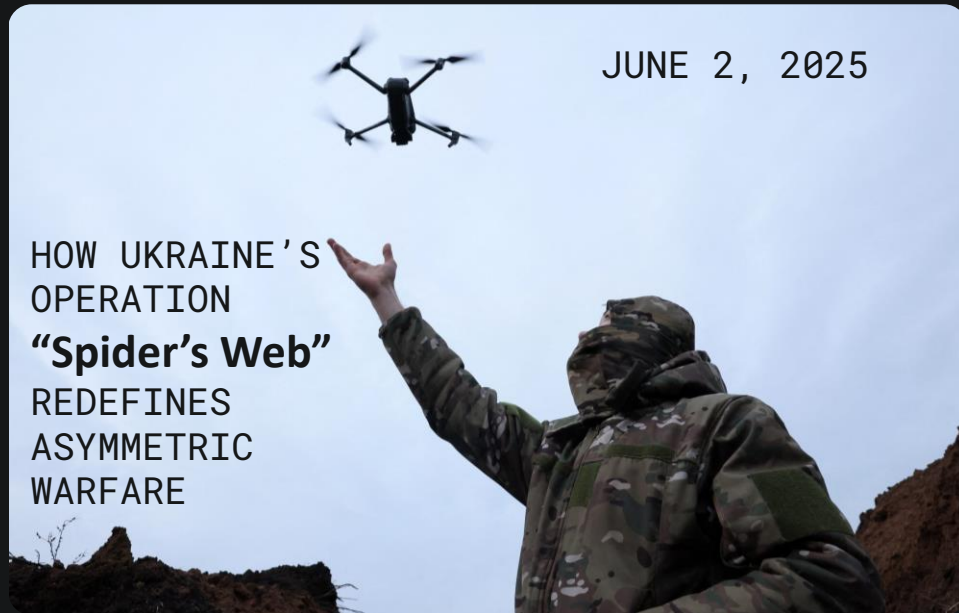


AV
Halo™



Rapidly Evolving Threats are Shaping New Requirements for Dominance

CSIS | CENTER FOR STRATEGIC & INTERNATIONAL STUDIES



Rapid proliferation of urgent threats requires new solutions

SPACE NEWS

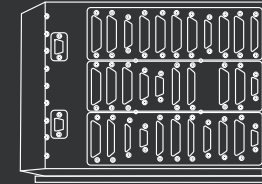


Space is becoming a warfighting domain

Space and Directed Energy FY30 Addressable Opportunity Exceeds

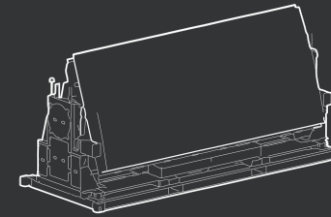
\$27B+

SOURCE: RENAISSANCE STRATEGIC ADVISORS



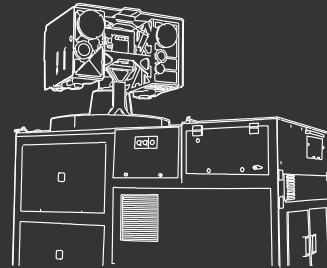
\$13B+

9% 5YR CAGR



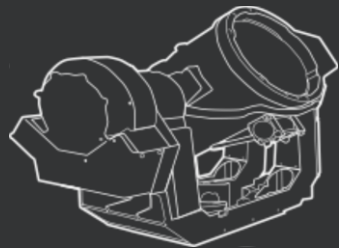
\$7B+

7% 5YR CAGR



\$4B+

8% 5YR CAGR



\$3B+

24% 5YR CAGR

LASER COMMS

DIRECTED ENERGY

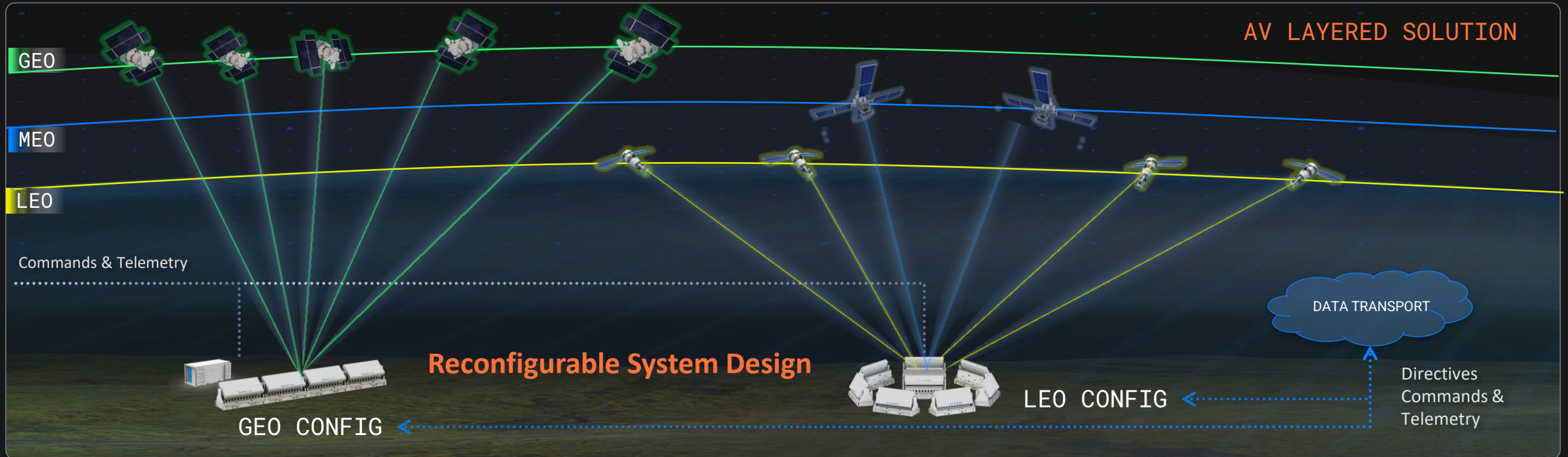
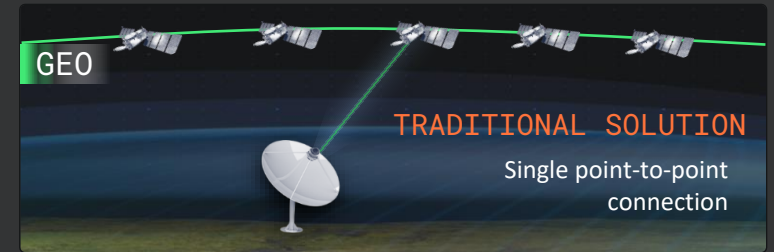
RF SATCOM

SPACE GRADE ELECTRONICS

Resilient High-Capacity Network of Ground Entry Points



AV's ground entry point architecture is a resilient, high capacity, and agile solution that delivers multi-orbit, multi-band connectivity across the contested space domain



Secure & Persistent Space is Critical Infrastructure

Mission -Aligned Advantage

- ▶ Ensure U.S. forces have persistent connectivity in contested and denied environments
- ▶ Address capacity constraints of legacy SATCOM ground infrastructure
- ▶ Provide assured connectivity at the tactical edge; reducing decision timelines

BREAKING
DEFENSE

'...bunch of SCARS...'

Space Force's Hammett speeds phased array integration



*"From a force design perspective, I think the service has come around to a position that we're **going to need a bunch of SCARs**, and we're going to need them as fast as we can make them."*

Dr. Kelly Hammett

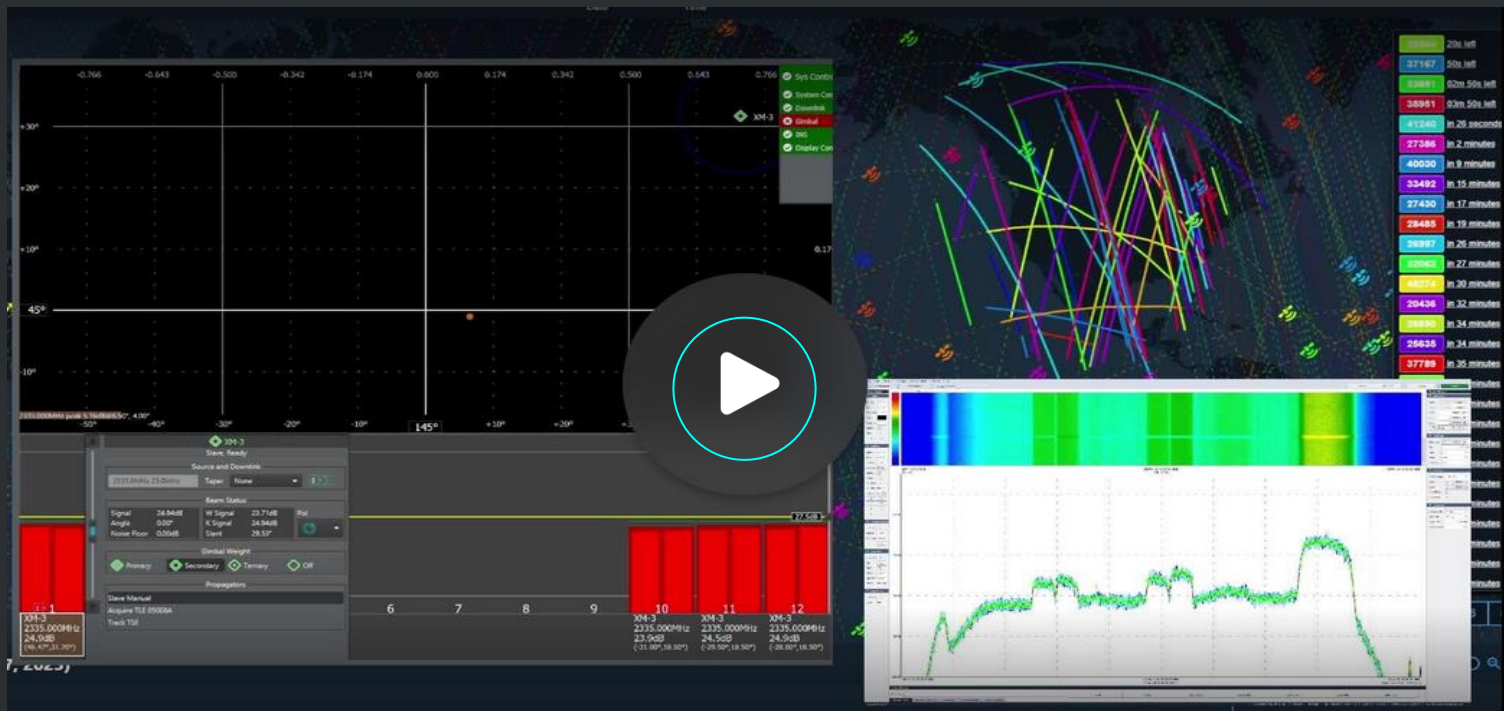
June 2025

Capturing the End-to-End Ground Network Value Chain

PHASE 01

SCAR Capability Deployment

CAPABILITY TODAY



FUTURE CAPABILITY

PHASE 02

Scale
Global
Operations



FUTURE CAPABILITY

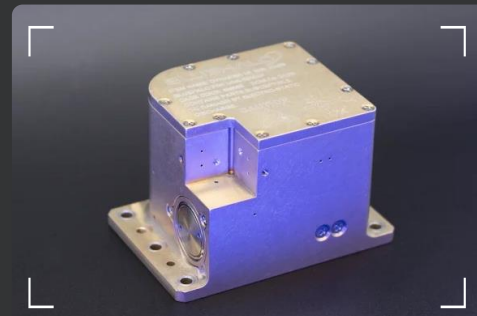
PHASE 03

Proliferated
Multi-Mission
Capability to
Established
Global Network



Portfolio of On-Orbit Components & Systems

Optimized suite of exquisite, **space-qualified hardware trusted to fly** in the most extreme environments across GEO, MEO, LEO and Cislunar orbits.



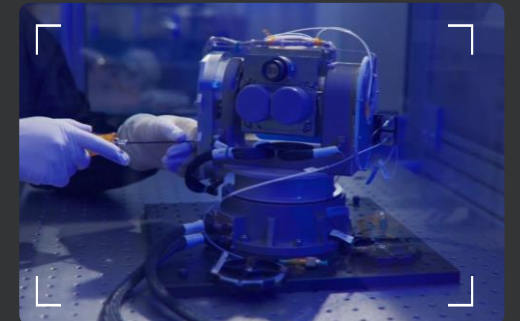
▶ ON-BOARD SPACECRAFT SENSORS



▶ FAST STEERING MIRRORS

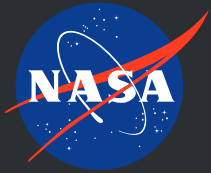


▶ SATELLITE ELECTRONICS



▶ ON-ORBIT LASER COMMUNICATIONS TERMINALS

Decades of Enabling Critical Missions



Technology on Orbit as Part of NASA's Laser Communications Relay Demonstration (LCRD)

DEC 8, 2021



260+

Systems on-orbit for critical missions in partner with strategic customers for the most extreme missions

Rising National Security Demands are Propelling LaserComm from an Emerging Capability to an Essential Requirement

Mission Aligned Advantages Driving Growth

Data Demand:

LaserComm offers 100–1,000x more bandwidth than RF communications

Resilient & Secure: Immune to RF congestion and highly resistant to jamming

Mission-Critical Connectivity:

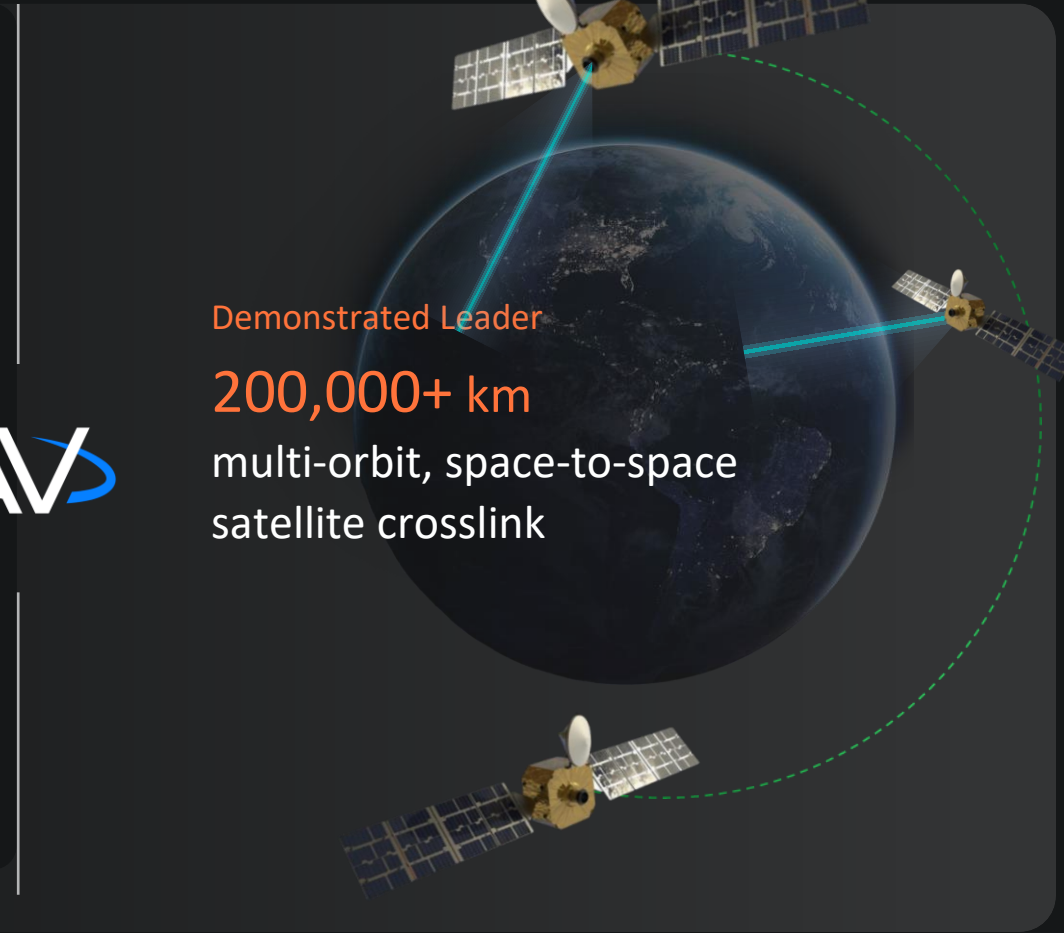
Enables 'Golden Dome' architectures



Demonstrated Leader

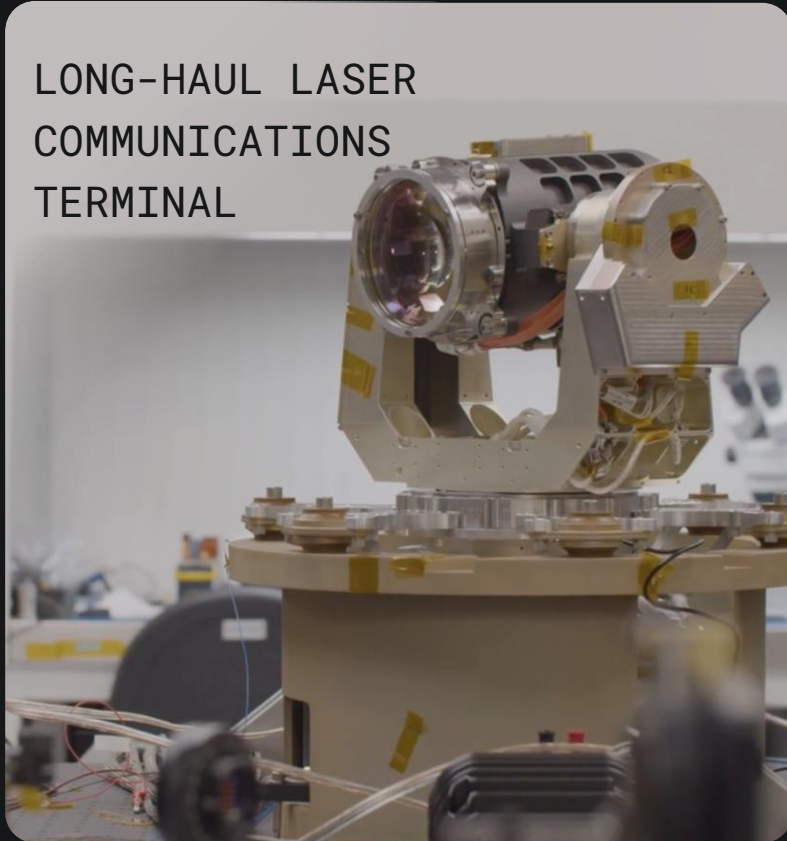
200,000+ km

multi-orbit, space-to-space satellite crosslink



AV is the Leader in Long-Haul On-Orbit Laser Communications

LONG-HAUL LASER
COMMUNICATIONS
TERMINAL



Our vertically integrated model secures ownership of mission-critical components: Fast-Steering Mirrors, proprietary controls architecture, and AV's software stack, AV_Halo.



FAST STEERING MIRROR



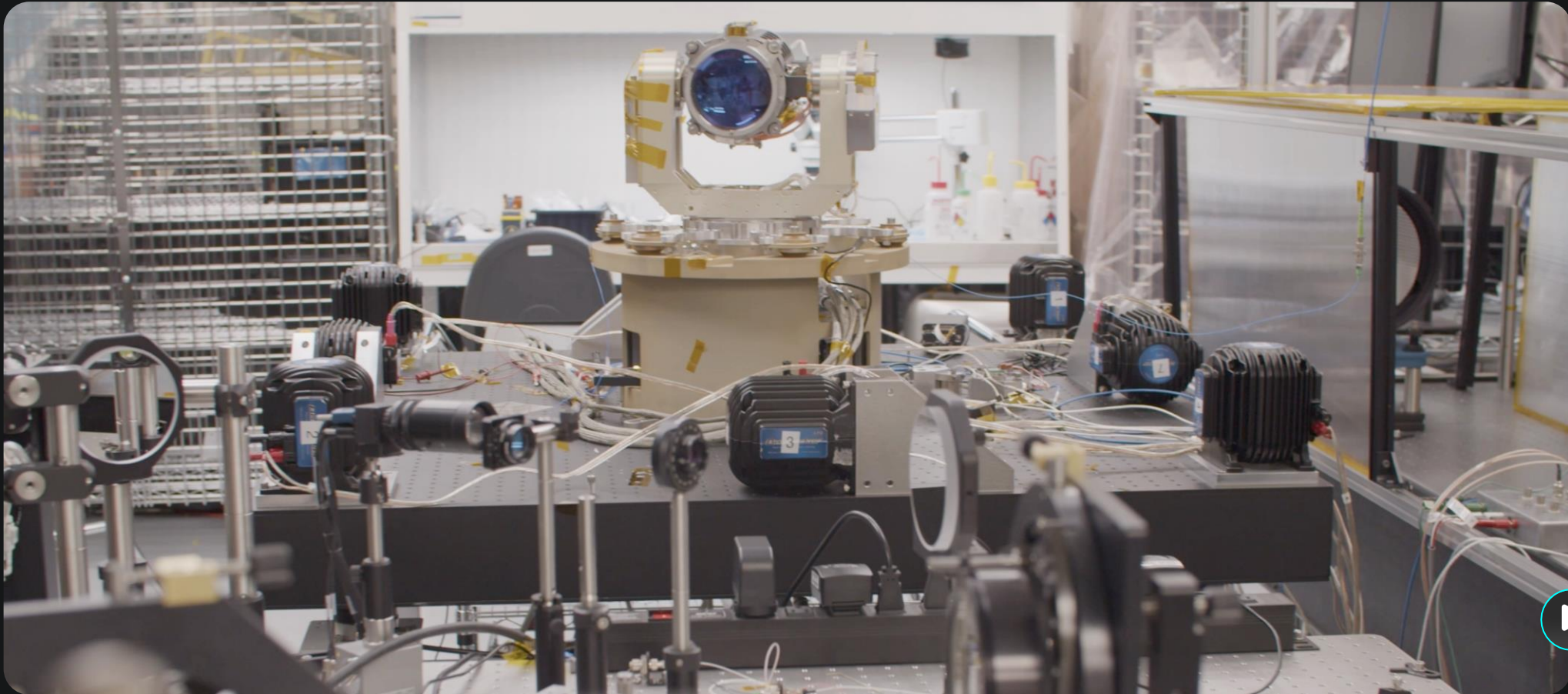
CONTROLS ARCHITECTURE



LAYERED AV_HALO SOLUTION

Ready for Orbit:

Breakthrough Long-Haul LaserComm Capabilities Demonstration



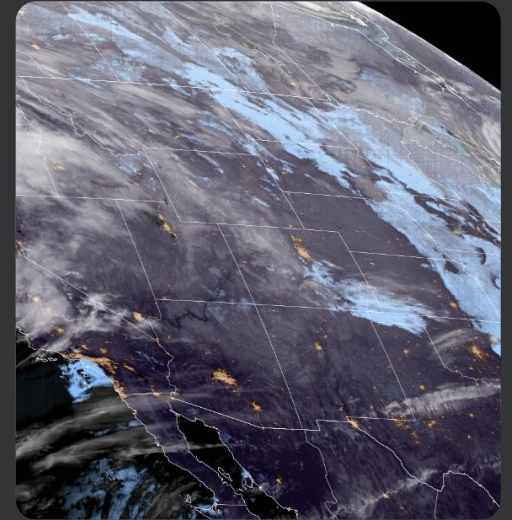
Directed Energy and Advanced Targeting & Tracking Systems Overview



**Laser Weapon System
(LWS)**



**Advanced Targeting &
Tracking Systems**



**Space Domain
Awareness**

A Leader in the Directed Energy Market

AV is one of the few companies to have fielded combat-proven high-energy laser systems with sustained Army support contracts and deliveries of next-generation systems for future deployments.



Proven Lethality Demonstrated in Operational & Test Environments



AV has scaled the deployment of directed energy systems faster than any peer through ownership of foundation IP: **an integrated software layer of AI-enabled precision tracking and targeting.**



AV_Halo™ PINPOINT

Ownership of the foundation technology extends AV's leader's advantage to the future of directed energy and precision-driven product lines.

Precision-Driven Product Lines

Scaling 150kW+

LASER WEAPON SYSTEMS
TO COUNTER EMERGING
AIR & MISSILE THREATS



Modernize Gunsights

TARGETING & TRACKING
SYSTEMS FOR U.S. DOD
MODERNIZATION OF
KINETIC PLATFORMS



Space Domain Awareness

MULTI-ORBIT THREAT
TRACKING & DECISION
SUPERIORITY





Break





Closing Remarks

Kevin McDonnell

Executive Vice President and Chief Financial Officer