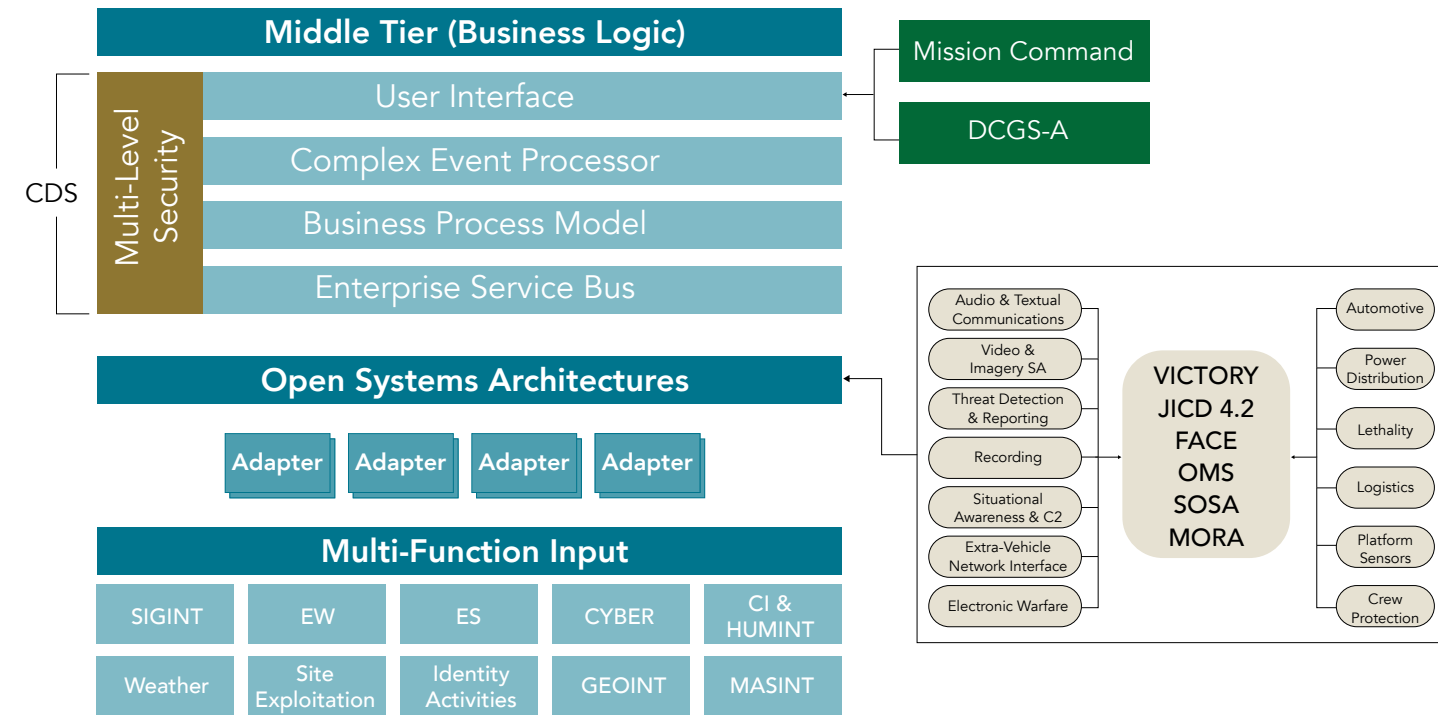




Multi-Function/Multi-Domain Effects

ENABLING TACTICAL MANEUVER

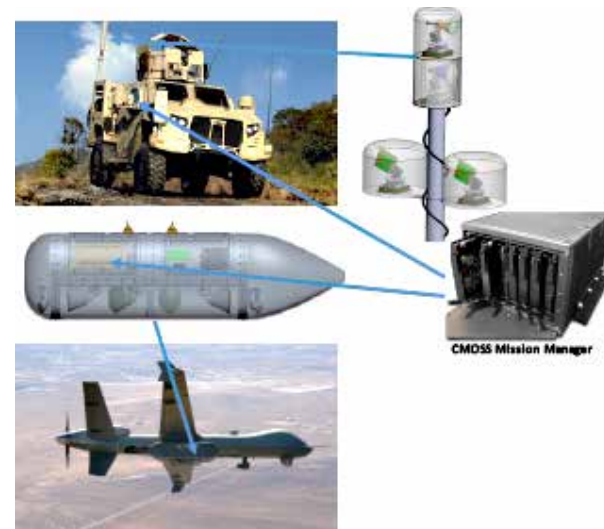
Leidos Solution



Leidos is an industry leader for system integration, open architecture application, and open standards. Developed under an Independent Research and Development (IR&D) effort with warfighter input, Leidos offers the integration of multiple open system architectures into a single, flexible, multi-level secure, automated workflow platform that enables **targeting and multi-domain mission planning and execution and delivery of immediate effects**.

The company's Cross-Warfighting Function and Multi-Domain Effects Platform provides:

- ▶ Integrated EW/SIGINT/CYBER Capabilities
- ▶ Enabled mission command in connected and DIL environments
- ▶ Processing, and dissemination of multi-domain information at the point of collection
- ▶ Preplanned and auto cross-domain sensor cross-cue
- ▶ C4ISR Modular Open Suite of Sensors (CMOSS) and 3UOpenVPX solution



THE BENEFITS:

- ▶ Reduces large manually intensive Processing, Exploitation, and Dissemination (PED) requirements in theater or at home station
- ▶ Reduces operator workload and cognitive burden – automatically converges Multi-Function and Multi-Domain data
- ▶ Eliminates purpose built aerial and terrestrial architectures/user interfaces
- ▶ Enables rapid technology insertion; field and deploy new capabilities immediately
- ▶ Enables rapid and automatic Multi-Domain and Cross-Warfighting Function tipping, cueing and reporting
- ▶ Creates a live, distributed mission crew on multiple domains
- ▶ Enables automatic cross-domain reporting

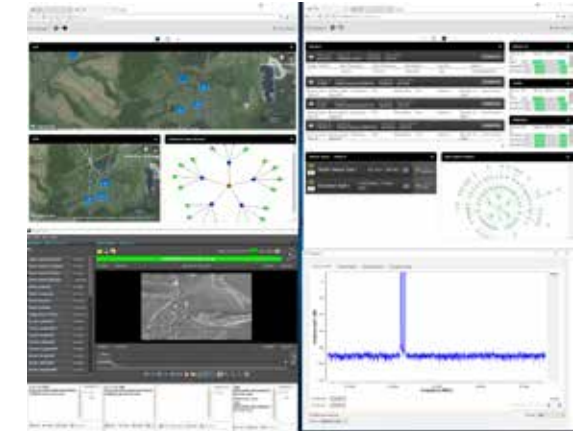
The Cross Warfighting Function and Multi-Domain Effects Platform linkages to Multi-Domain Operations:

- ▶ Compete in all domains
- ▶ Cross domain fires
- ▶ Shape deep maneuver
- ▶ Dominate the close fight
- ▶ Execute expeditionary and deep maneuver
- ▶ Cross domain convergence in the close area
- ▶ Semi-independent maneuver
- ▶ Effective Mission Command

DETECT | DELIVER | ASSESS | DECIDE

INTELLIGENCE DOMAIN

- ▶ Full Motion Video (FMV)
- ▶ Multi-Domain COP
- ▶ Federated Sensor Command and Control (C2)
- ▶ Chat Windows
- ▶ Raw Communications Intelligence (COMINT) Data
- ▶ Collateral and Raw Cyber Data
- ▶ Radio Frequency (RF) Data
- ▶ Federated Sensor Health and Status (H&S)
- ▶ Dismount Moving Target Indicator (D/MTI) Targets Of Interest (TOI)
- ▶ Electronic Support (ES) and COMINT Circular Error Probable (CEP)
- ▶ Target Location Errors (TLE)



MISSION COMMAND DOMAIN

- ▶ FMV 3D and 3D GEOINT Products
- ▶ Multi-Domain COP
- ▶ Electronic Warfare (EW) Sensor C2/H&S
- ▶ Chat Windows
- ▶ EW High-Payoff Target List (HPTL)
- ▶ Collateral Cyber Bullet Delivery
- ▶ Airborne Intelligence Surveillance, and Reconnaissance (AISR) COP & Mission Management
- ▶ D/MTI TOIs
- ▶ Automatic DIL Notification



THE BENEFITS:

- ▶ User Interface Agnostic
- ▶ Joint Interface Control Document (JICD) Version 4.2; Future Airborne Capability Environment (FACE), Vehicular Integration for Command, Control, Communication, Computers, Intelligence, Surveillance, Reconnaissance and Electronic Warfare Interoperability (VICTORY), Open Mission Systems (OMS), Modular Open RF Architecture (MORA), and Sensor Open Systems Architecture (SOSA) compliant
- ▶ Audio Multi-Level Security Enabled
- ▶ Rapid technology insertion regardless of sensor and capability Original Equipment Manufacturer (OEM)
- ▶ Multi-Intelligence/Multi-Domain COP
- ▶ Repeatable/Compliance adjustable Cross Domain System (CDS)
- ▶ Audio Multi-Level Security Enabled
- ▶ Standardized/Common interfaces across domains to reduce training requirements
- ▶ Connected and Disconnected, Interrupted, Low Bandwidth (DIL) capable

FOR MORE INFORMATION

MIKE K. HILE

Vice President, C2ISR Systems Integration Division
Airborne Systems Integration Operation

michael.k.hile@leidos.com

719.684.4358

Visit us online: leidos.com

ABOUT LEIDOS

Leidos is a Fortune 500® information technology, engineering, and science solutions and services leader working to solve the world's toughest challenges in the defense, intelligence, homeland security, civil, and health markets. The company's 31,000 employees support vital missions for government and commercial customers. Headquartered in Reston, Virginia, Leidos reported annual revenues of approximately \$10.17 billion for the fiscal year ended December 29, 2017.

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