



MicroSystems
Integration, Inc.

MicroSystems Integration, Inc. (MSI) Capabilities & Expertise

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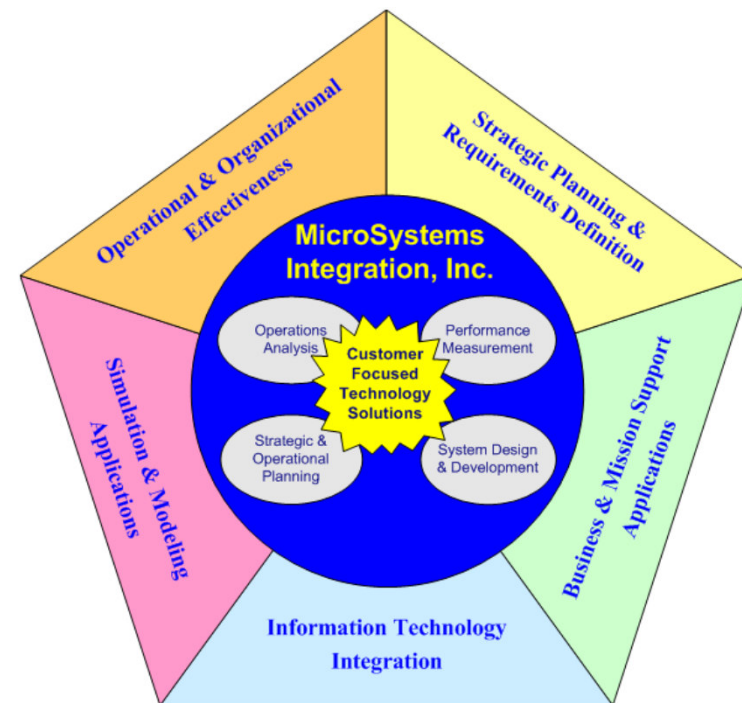
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Who We Are

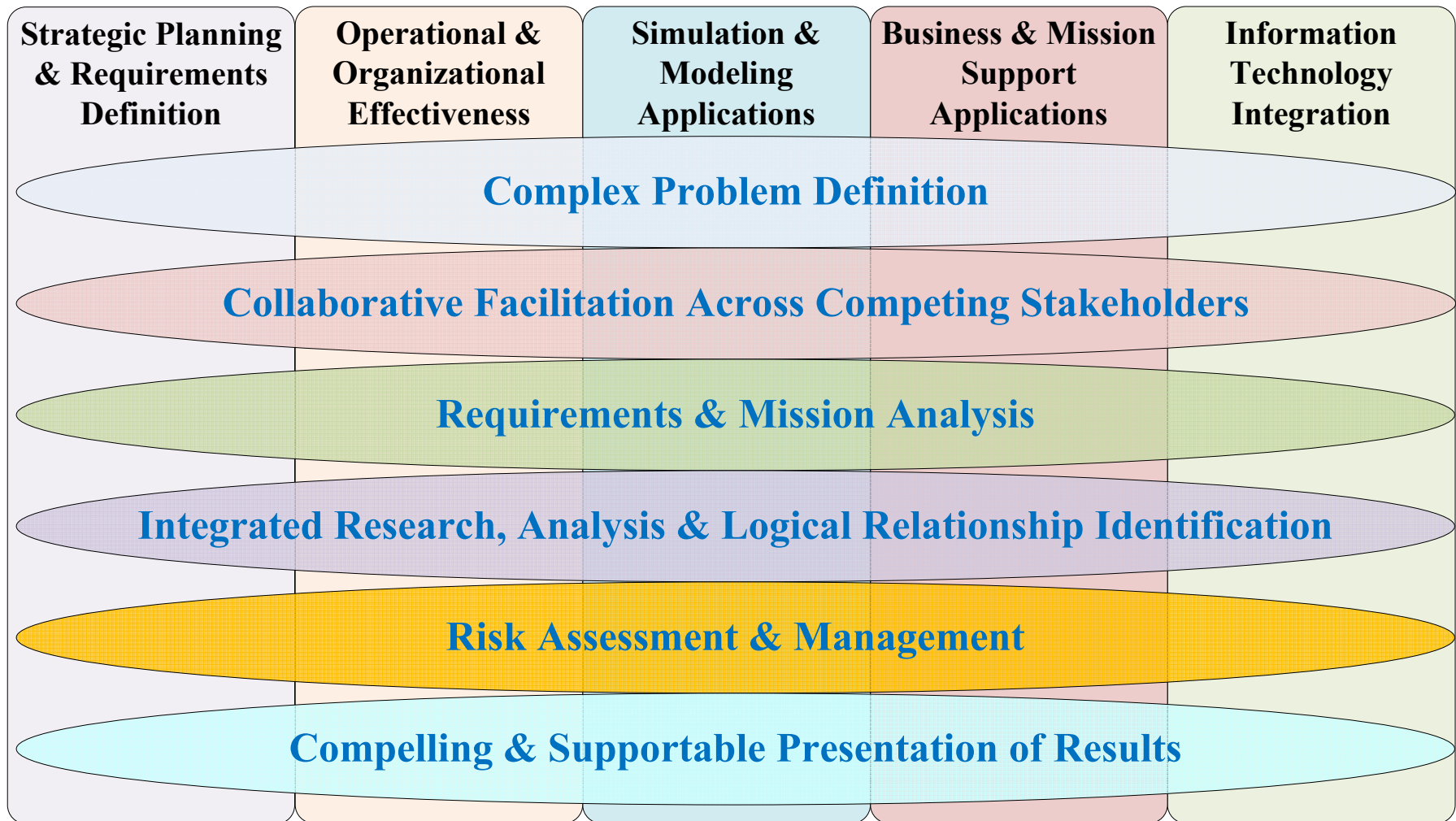
- **MSI** is a Veteran-Owned Small Business (VOSB) specializing in providing technical products & services in the broad areas of:
 - Strategic & Operational Planning
 - Operations Analysis & Modeling
 - Performance Measurement
 - System Design & Development
- Founded in 1989, **MSI**:
 - Develops innovative solutions by providing highest quality multi-disciplinary technical services.
 - Collaborates with customers to understand their business and problems, integrating people and technology into cost-effective and productive systems.
- **MSI** has in-depth knowledge and 24 years' experience supporting the Coast Guard; eliminating the "learning curve" for new Projects/Task Orders.





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What We Do

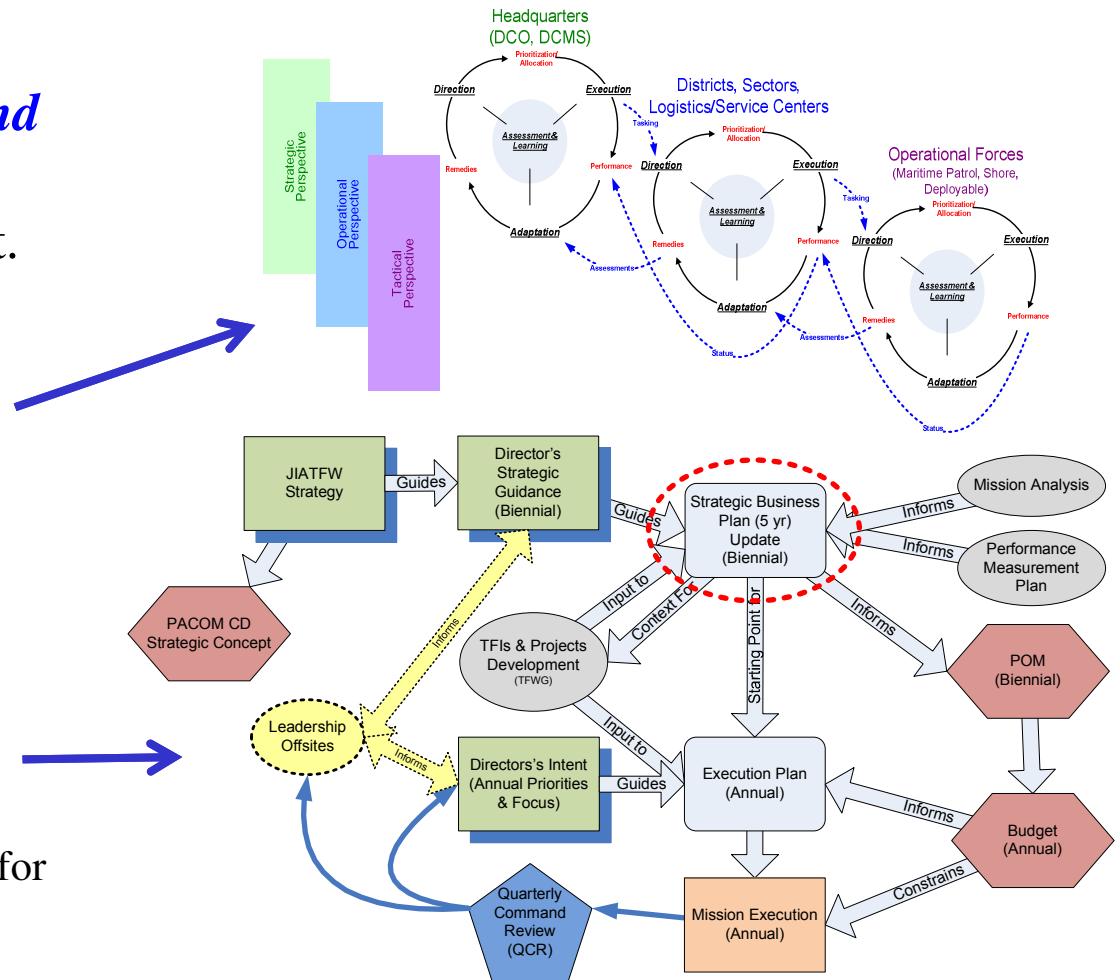




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Strategic Planning & Requirements Definition

- Support to produce *strategic plans, assessment strategies, and projection tools* to produce integrated process improvement.
- Example Projects:
 - Coast Guard Standard Operational Planning Process (SOPP)/ Global Force Management (GFM)
 - Strategic Planning & Requirements Development
 - Strategic Planning for JIATF West
 - Exercise Plans & Procedures for JDSCA





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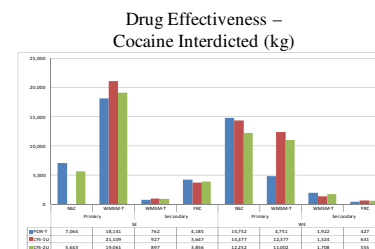
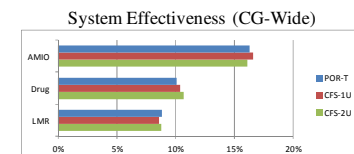
Operational & Organizational Effectiveness

- Support to conduct analysis and assessment to produce *integrated organizational improvement*.
- Example Projects:
 - DHS Cutter & Aviation Fleet Studies
 - Coast Guard Deployable Specialized Forces (DSF) Stem-to-Stern Review and Implementation Support
 - Coast Guard Modernization
 - Coast Guard Fleet Mix Analyses
 - Modeling and Simulation Master Plan (MSMP)/ CONOPS



System Laydown

Asset Class	POR-T	Min POR-T (CFS-1U)	Med POR-T (CFS-2U)
WMSL/NSC	8	6	7
WMSM-T	25	29	27
Total Major Cutters	33	35	34
H-65	82	84	83
UAS-CB	8	6	7



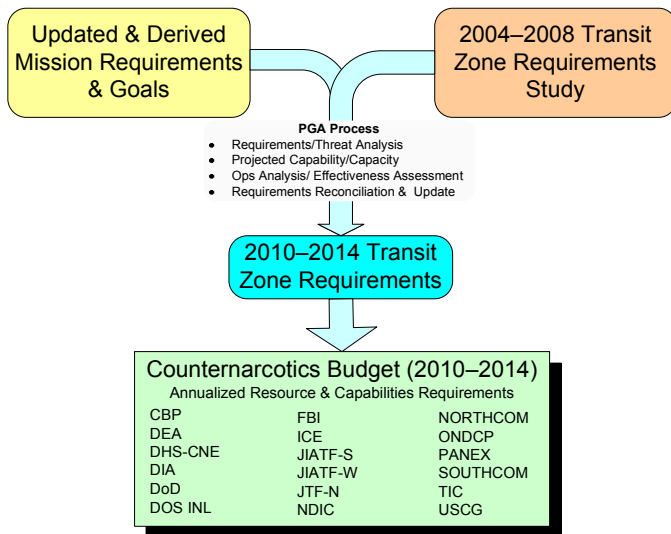
Asset Contribution – Proactive Mission TOI Prosecutions

Class	Target Mission	POR-T	CFS-1U	% Diff	CFS-2U	% Diff
WMSL/NSC	AMIO	4	2	-47%	1	-62%
	Drug	25	7	-71%	21	-19%
	LMR	26	28	8%	27	3%
WMSL/NSC Total	55	37	-32%	49	-11%	
WMSM-T	AMIO	121	140	16%	125	4%
	Drug	62	75	22%	69	11%
UAS-CB	LMR	1,054	1,042	-1%	1,060	1%
	WMSM-T Total	1,237	1,258	2%	1,254	1%
Grand Total		1,292	1,295	0%	1,303	1%

Operational & Organizational Effectiveness (Cont'd)

Western Hemisphere Transit Zone Performance (WHTZ) Gap Analysis

- Characterized cocaine movement threat in WHTZ.
- Identified capability & capacity gaps.
- Developed initiatives to close identified gaps.
- Determined appropriate initiatives along Drug Interdiction Continuum necessary to close identified gaps & attain national interdiction goal.
- Validated recommendations through M&S.

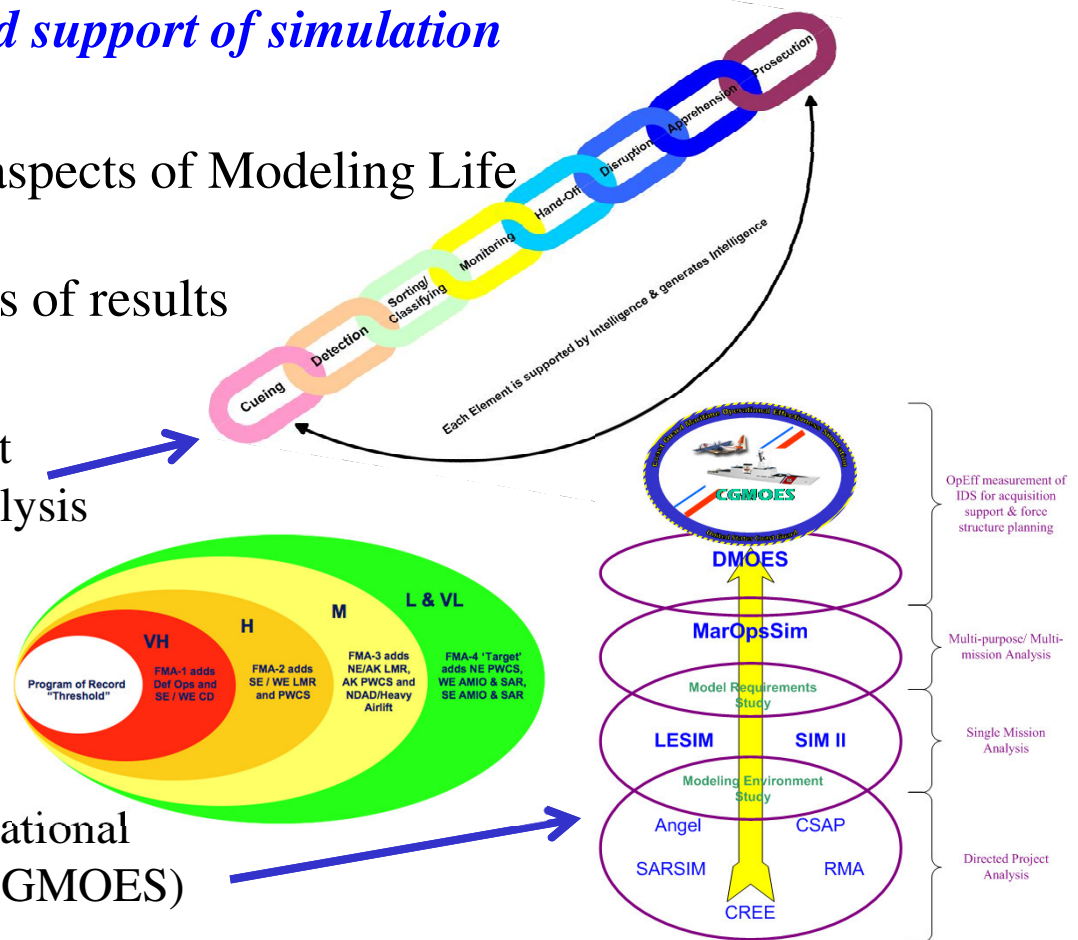




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Simulation & Modeling Applications

- Apply academic, operational, and industry background to *analysis, development, and support of simulation and modeling applications.*
- Coast Guard expertise in all aspects of Modeling Life Cycle – experiment design; model execution; and analysis of results
- Example Projects:
 - Western Hemisphere Transit Zone Performance Gap Analysis
 - DHS Cutter & Aviation Fleet Studies
 - Coast Guard Fleet Mix Analyses
 - Coast Guard Maritime Operational Effectiveness Simulation (CGMOES)

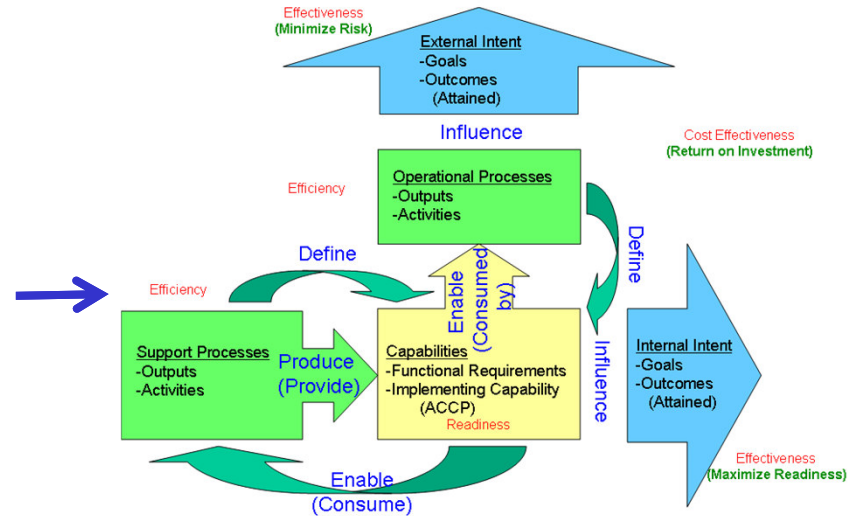
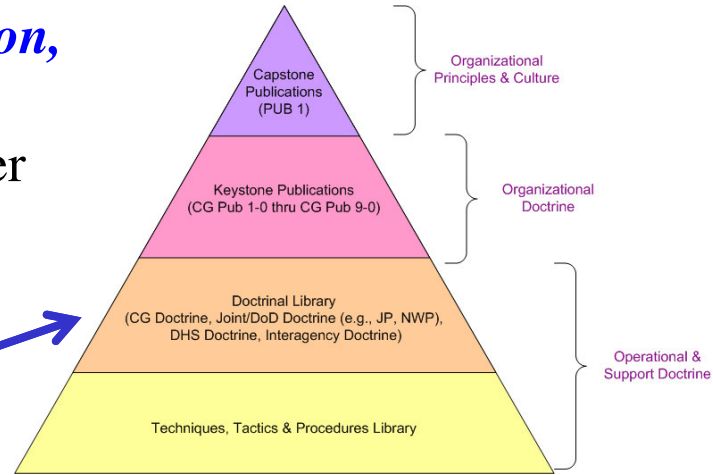




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Business & Mission Support Applications

- *Design, development, integration, testing & support of enterprise applications* to support customer goals.
- Example Projects:
 - Coast Guard Doctrine Development
 - Coast Guard Operations (Pub 3-0 series)
 - Coast Guard Planning (Pub 5-0)
 - Capability Management (Pub 7-0)
 - Unified Performance Logic Model (UPLM)
 - Great Lakes Pilotage Study

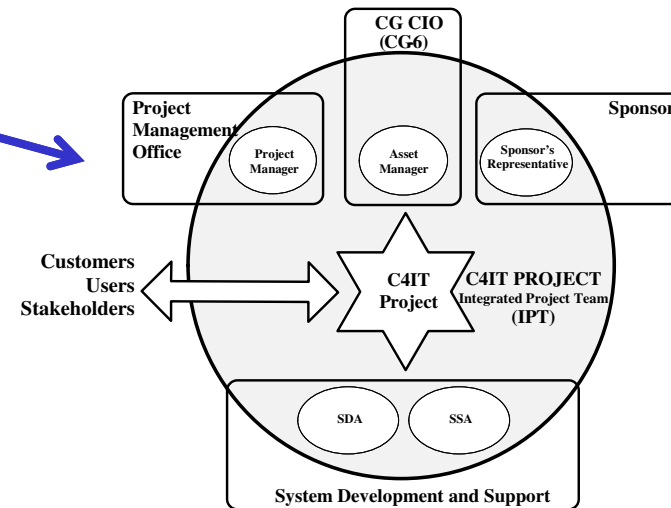
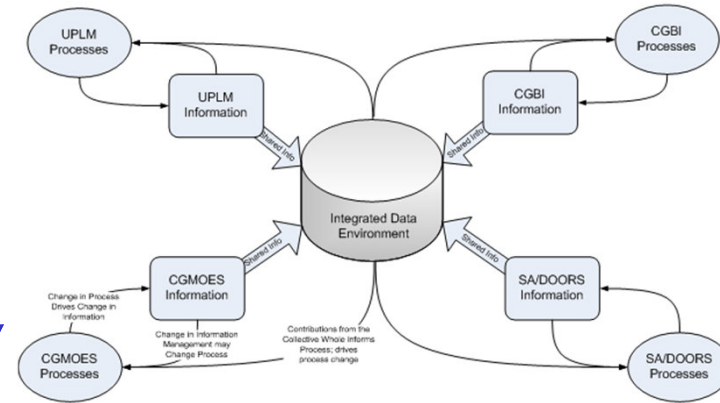




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Information Technology Integration

- Apply background in IT to commercial & government applications to *conceptualize, plan, design, develop, integrate, test & support enterprise information systems.*
- Example Projects:
 - Coast Guard System Engineering Integration (SEI)
 - Establishment of CG-6 & System Development Life Cycle (SDLC)
 - CG-6 and TISCOM C4&IT Business Plans
 - Requirements Analysis for Coast Guard Data Network





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MSI's Selected Contract Information

Contract Name	Prime	User Agencies
GSA Management, Organizational and Business Improvement Services (MOBIS), SINS: 874-1; Consulting Services	MSI	All Federal
DHS Technical, Acquisition and Business Support Services (TABSS): HSCG23-12-D-ATB002	BayFirst Solutions	DHS
DHS Technical, Acquisition and Business Support Services (TABSS): HSCG23-13-D-ATB041	SRA International	DHS
USCG R&DC System Engineering and Technical Assistance (SETA): HSCG32-13-D-R00002	Booz Allen Hamilton	Coast Guard
Technical Engineering Development and Support Services (TEDSS) for the U.S. Coast Guard's Command and Control Engineering Center: HSCG44-12-D-TEDSSB	Five Rivers Services	Coast Guard
HDTAT – Homeland Defense & Security (HD) Technical Area Tasks (TATs) Contract Program on Irregular Warfare (HD-14-0959)	Wyle Labs	DoD
SNIM – IDIQ Multiple Award Contract for Research and Development (R&D) and /or Advisory & Assistance Services (A&AS) related to R&D efforts: FA1500-10-D-0009	Wyle Labs	DoD