Advancing Open Architecture Acquisition

AIR	C4I	SPACE	SUBS	SURFACE	MARINES
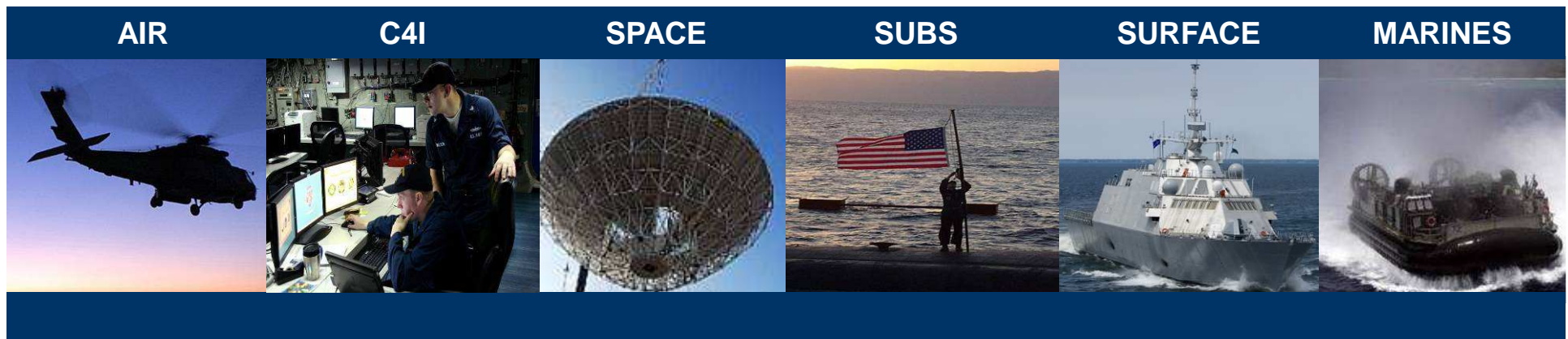
Mr. Christopher Deegan

PEO Integrated Warfare Systems (IWS)

OA Core Principles

Naval Open Architecture:

- **Business practices**

- **Technical practices**

Produce Systems:

- **Based on open standards**

- **Published interfaces**

Modular designs and disclosure
Reusable application software
Interoperable applications
Life cycle affordability
Competition and collaboration

Source: OPNAV ltr Ser N6N7/5U916276 dtd 23 Dec 05

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- Hold Episodic Re-Competes

- Reward Strategic Reuse

- Incentivize in Contracts

- Include Small Business

- Assert Data Rights

- Buy More for Less

The Navy Is Committed to Open Architecture

OA Impact on Air Domain

EWS-Protection Systems	EA-18G	Flight Simulators and Trainers
E-2D	P-8A	MH-60R/S	F/A-18 E/F

OA Impact on PEO Subs

Sensors	Contracts	SLC

OA Impact on PEO C4I

CANES

OA Impact on Space

MUOS

OA Impact on Marine Corps

MAGTF

OA Impact on PEO Littoral Mine Warfare

PEO(LMW) Mine Warfare Program Office (PMS 495)	LCS Mission Modules

PMS 495 MINE WARFARE

OA Impact on PEO IWS

Aegis	Commands Display
SSDS	Combat Systems

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- Presentation 1: ***Delivering Savings with Open Architecture and Product Lines*** – Mr. Brian Womble

- Presentation 2: ***An Architecture-Centric Approach for Acquiring Software-Reliant Systems*** – Dr. Lawrence G. Jones and John Bergey

- Presentation 3: ***Advances in the Acquisition of Secure Systems Based on Open Architectures –*** Dr. Walt Scacchi