



RDECOM



Malcolm Baldrige
**National
Quality
Award**

2007 Award
Recipient

Requirements Harmonization

and

**Associated Integrated
Product Teams**



TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.

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Joint Service Small Arms Program Office

US Army Armament Research, Development and Engineering Center

May 14, 2014

TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.

- What is JSSARI?
- Requirements Harmonization
 - What and Where to Harmonize
 - “Horse” trading
- Associated IPTs



Joint Service Small Arms Requirements Integration Charter



Joint Service Small Arms Requirements Integration Working Group (JSSARI) purpose:

- Assure Services' Small Arms Systems Capabilities Developments are coordinated and harmonized at the Service Combat Developers level.
- Review and coordinate all Small Arms Systems related Joint Capabilities Integration and Development System Documents.



Where's JSSARI located?

JSSAST Mission and Structure

Chartered in 1978

Charter Updated 2004

OSD AT&L
 ASA AT&L, AAE
 AMC - RDECOM

Funding
 ASA(ALT) R&T
 AMC-RDECOM
 ARDEC



Meets Semiannually

Joint Service Small Arms Synchronization Team (JSSAST)

- Chairman: COL S. Turner (ARDEC)
- Army: COL D. Goldthorpe (USA MCOE)
- Marines: Mr. J. Buckley (MCDC)
- Air Force: Col P. Scholl (HQ AFSFC)
- Navy: CAPT E. Weeldreyer (OPNAV)
- Coast Guard: CAPT E. Giese (HQ USCG)
- SOCOM: COL J. Capobianco (PEO SOF Warrior)

Associates:

- Army PMSW: COL S. Armstrong (PEO Soldier)
- JNLWD: Mr. K. Swenson (JNLWD)
- Army PM MAS: Mr. T. Coradeschi (PEO Ammunition)
- Army PM SSL: Mr. W. Thomka (PEO Soldier)
- ONR: Mr. D. Simons (Firepower)
- ARL: Mr. M. Zoltoski (Army Research Lab)
- NVESD: Mr. D. Randall (Associate Director)
- Navy PMSA: Mr. B. Reese (NAVSEA)
- ARDEC: Mr. J. Pelino (ODOT)

JSSAP Office

Joint Service Small Arms Requirements Integration (JSSARI)
 Charter updated May 2013

Defense Ordnance Technology Consortium and National Labs

Joint Service Small Arms Program (JSSAP) Mission

- Intensive management of the DoD small arms tech base
- Harmonization of requirements and testing
- Transition to Programs of Record
- Long range plans and strategies
- Influence of International Small Arms Activities



Responsibilities: Review and Update

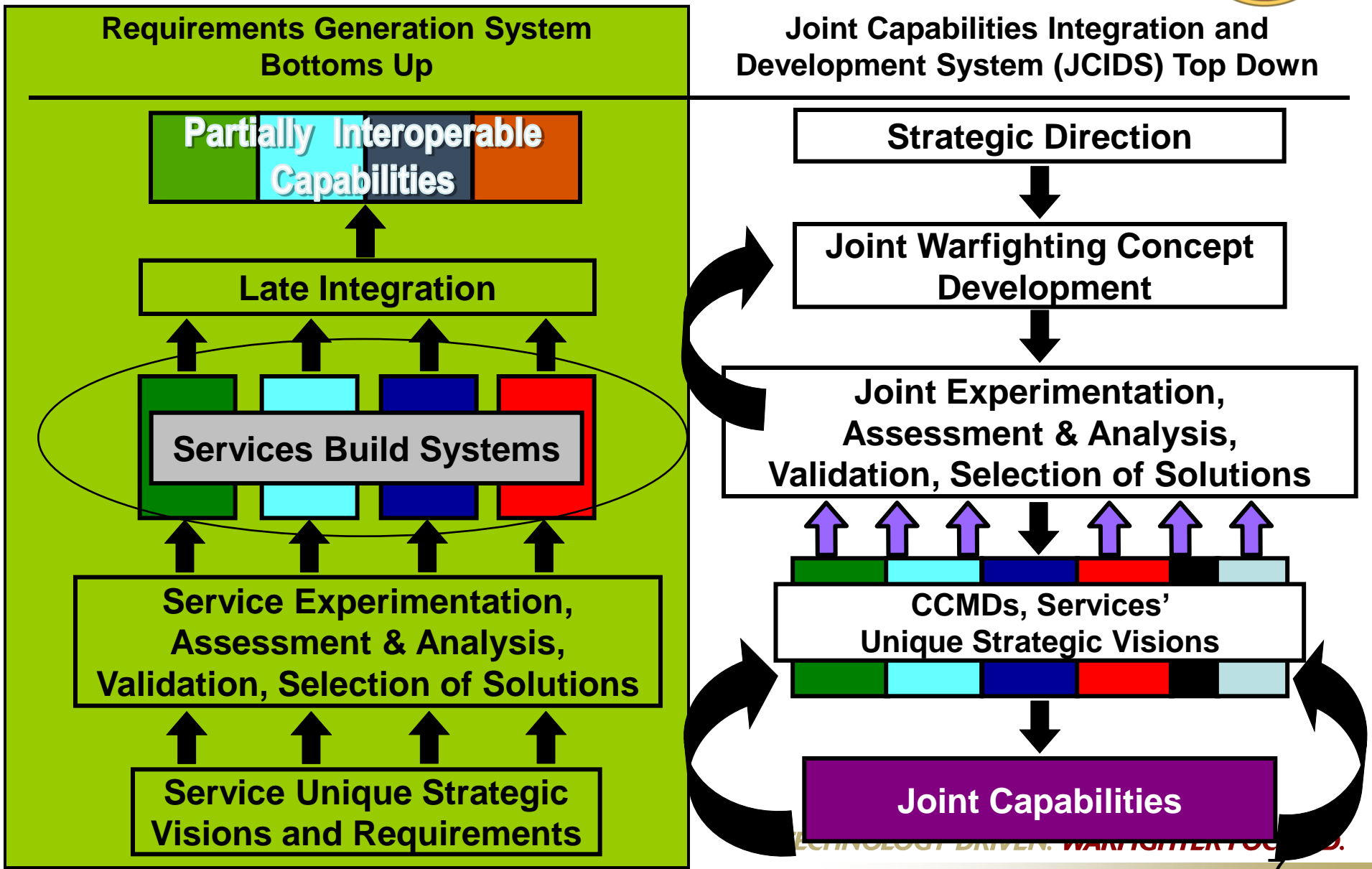
- Joint Functional Area Analysis,
- Joint Function Need Analysis
- Joint Functional Solution Assessment
- Service threat statements to the maximum extent possible for inclusion in the Functional Area Analysis.
- Examine emerging technologies for potential operational relevance and assist in new-start program formulations.
- Where joint requirements are not feasible, combat developers shall coordinate to harmonize service requirements.

	USA	USAF	USMC	USN	USCG	USSOCOM
Joint	KMDS	KMDS	KMDS	KMDS		KMDS
Service	CAMS		MCAT			Special
Individual						

KMDS - Knowledge Management Decision Support; OSD Joint

MCATS - Marine Corp Action and Tracking System

CAMS - Capabilities Automated Management System





•JSSARI Process

- Consists of Services Action Officers for Capabilities
- Semi – Annual Meeting and monthly webportals
- Chartered under Joint Service Small Arms Synchronization Team

JSSARI Webportal Schedule

- ✓Dec 12, 2013
- ✓Jan 23, 2014 - OIPTS
- ✓Feb 27, 2014
- ✓Mar 19-20, 2014 (Meeting)
- ✓Apr 17, 2014

- Review/develop all warfighter lethality capability documents
- Shared Experiences (Lessons Learned, Operational Experiments, Information/Hardware) across Services
- NGIC - JSSARI annual Threat Brief
- JSSAP Tech Base Charts review approval
- Six Sigma JSSARI prioritization
- Pre-approval of all JSSAST agenda actions to include Decision documents.

- **Joint Advanced Weaponized Sensor System (JAWSS)**
- **Joint Small Arms Barrel Technology (JSABT)**
- **Joint Small Arms Signature Suppression (JSASS)**
- **Modular Handgun Systems USERS**

Purpose: Coordinate current, planned & future technology efforts across Joint Service S&T, combat development and materiel development organizations

- **Joint Advanced Weaponized Sensor System (JAWSS)** focuses on remote weapon station technologies such as sensors, automation, and networking; also investigates application of RWS across multiple platforms, i.e. boats, HMMWVs
- **Joint Small Arms Barrel Technology (JSABT)** focuses on identifying new and unique barrel materials, processes, and manufacturing to improve overall cost and performance of small arms weapon systems

- **Joint Small Arms Signature Suppression (JSASS)** focuses on all aspects of reducing a weapon's signature from flash and audible signature to thermal signature of the paint
- **Modular Handgun Systems USERS** focus on Services Combat Developers' positions for the USAF Modular Handgun System CPD also adopted by the US Army and under consideration by other Services.

Thank You
for your attention to this presentation.