



AMERICA'S ARMY:

Globally Responsive, Regionally Engaged

U.S. ARMY

Army G-3/5/7



U.S. Army Interoperability & Standardization



What is Interoperability: The ability to act together coherently, effectively and efficiently to achieve Allied tactical, operational, and strategic objectives (ABCANZ/NATO)

Domains: Interoperability encompasses human, procedural and technical elements

Categories:

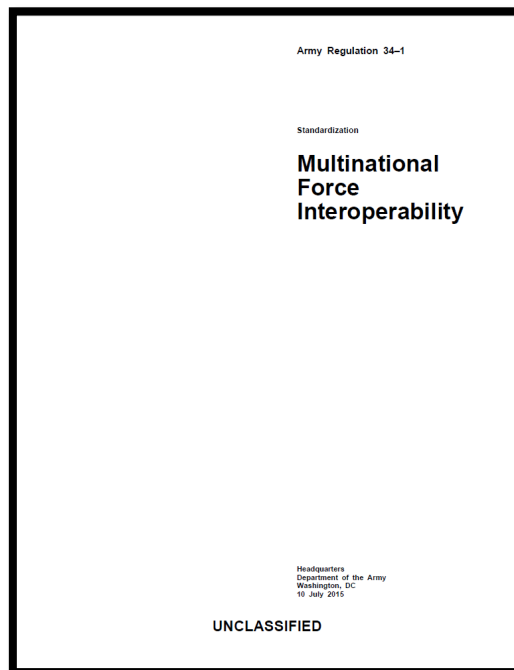
- Sustain (able to support significant global, GCC OPLANs, trained, ready and integrated forces)
- Promote (support limited OPLANs, ready and compatible forces)
- Enhance (limited CONPLANs, de-conflicted for crisis and humanitarian response)
- Special Interests (able to maintain relationships for specific interests)

Levels:

- Not Interoperable (national level communication only)
- De-conflicted (coexist but not interact)
- Compatible (interact in same geographic area, complementary TTPs)
- Integrated (network enabled, shared COP, collaborative planning)

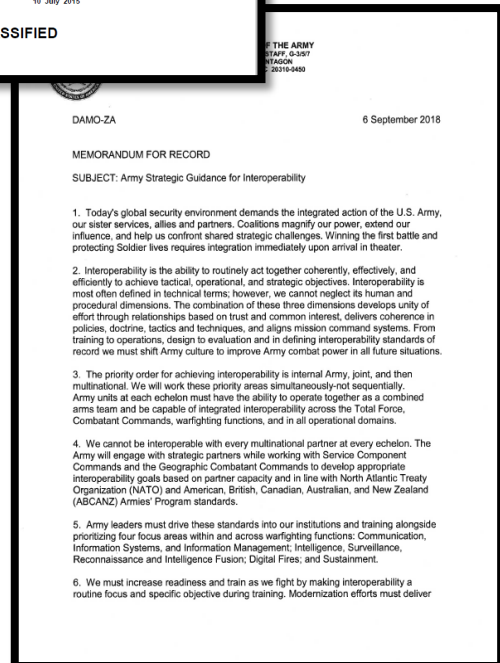
Priority Focus Areas:

- Communication, Information Systems (CIS), Information Management and Mission Control
- Intelligence, Surveillance, Reconnaissance (ISR) and Intelligence fusion
- Digital Fires
- Sustainment



Army Regulation 34-1, Interoperability

Army Strategic Guidance for Interoperability



DAMO-ZA

6 September 2018

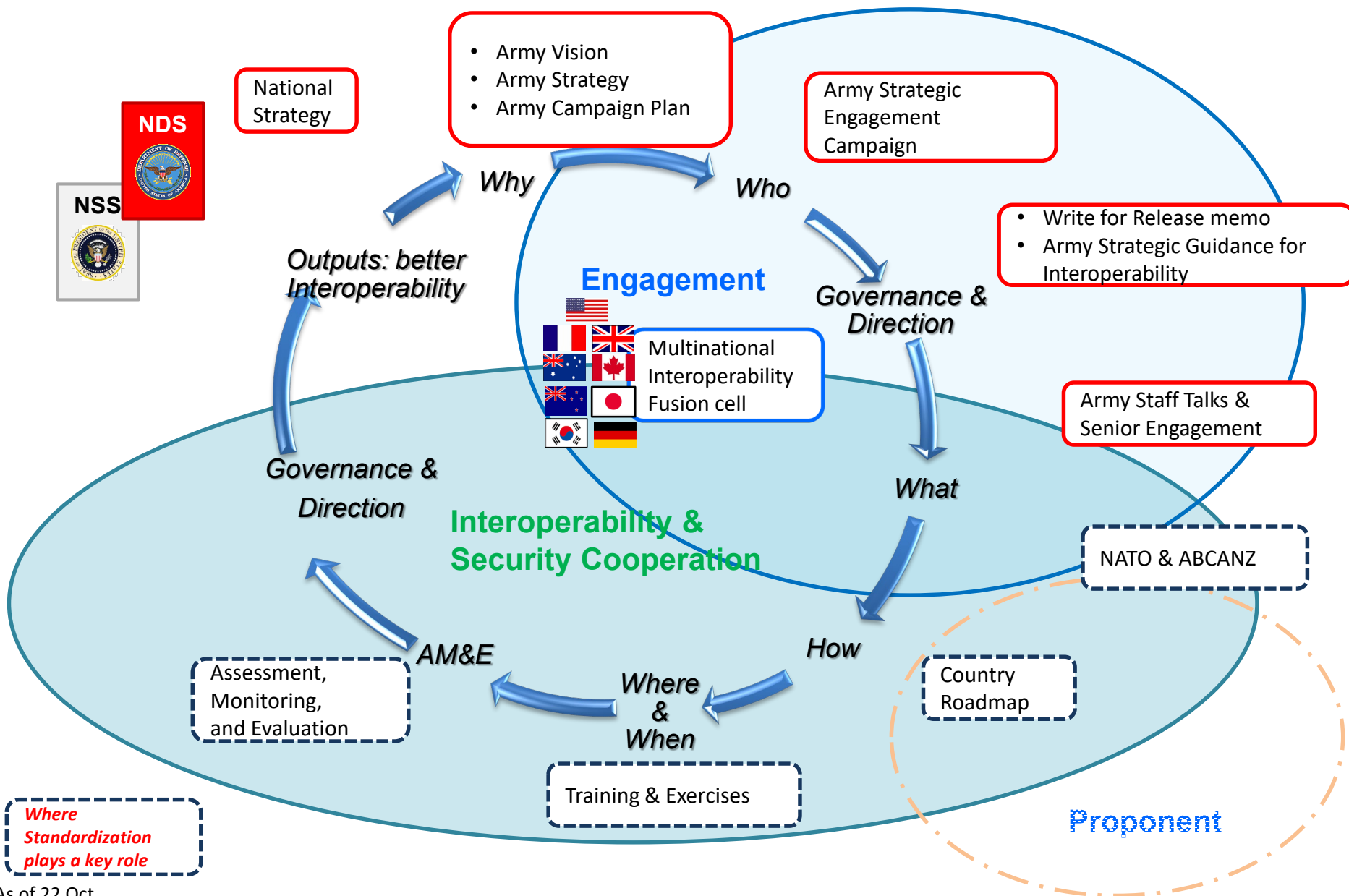
MEMORANDUM FOR RECORD

SUBJECT: Army Strategic Guidance for Interoperability

1. Today's global security environment demands the integrated action of the U.S. Army, our sister services, allies and partners. Coalitions magnify our power, extend our influence, and help us confront shared strategic challenges. Winning the first battle and protecting Soldier lives requires integration immediately upon arrival in theater.
2. Interoperability is the ability to routinely act together coherently, effectively, and efficiently to achieve tactical, operational, and strategic objectives. Interoperability is most often defined in technical terms; however, we cannot neglect its human and procedural dimensions. The combination of these three dimensions develops unity of effort through relationships based on trust and common interest, delivers coherence in policies, doctrine, tactics and techniques, and aligns mission command systems. From training to operations, design to evaluation and in defining interoperability standards of record we must shift Army culture to improve Army combat power in all future situations.
3. The priority order for achieving interoperability is internal Army, joint, and then multinational. We will work these priority areas simultaneously-not sequentially. Army units at each echelon must have the ability to operate together as a combined arms team and be capable of integrated interoperability across the Total Force, Combatant Commands, warfighting functions, and in all operational domains.
4. We cannot be interoperable with every multinational partner at every echelon. The Army will engage with strategic partners while working with Service Component Commands and the Geographic Combatant Commands to develop appropriate interoperability goals based on partner capacity and in line with North Atlantic Treaty Organization (NATO) and American, British, Canadian, Australian, and New Zealand (ABCANZ) Armies' Program standards.
5. Army leaders must drive these standards into our institutions and training alongside prioritizing four focus areas within and across warfighting functions: Communication, Information Systems, and Information Management; Intelligence, Surveillance, Reconnaissance and Intelligence Fusion; Digital Fires; and Sustainment.
6. We must increase readiness and train as we fight by making interoperability a routine focus and specific objective during training. Modernization efforts must deliver

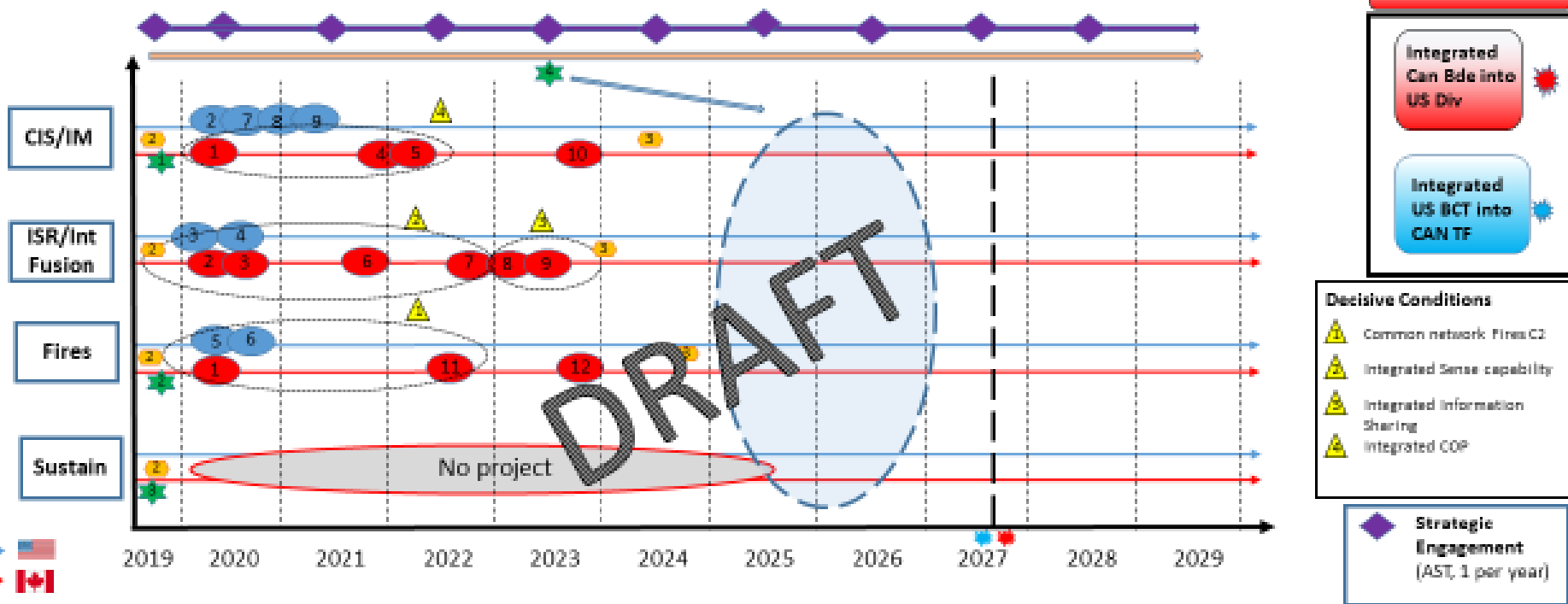


Interoperability Lifecycle





Joint US-CAN Interoperability Roadmap



End State

- Integrated Can Bde into US Div
- Integrated US BCT into CAN TF

- Decisive Conditions**
- Common network Fires C2
 - Integrated Sense capability
 - Integrated information Sharing
 - Integrated COP

Strategic Engagement (AST, 1 per year)



US New Capabilities	Canada New Capabilities
1- JBC-P new start	1- ASOC Mod
2- WIN-T Inc 2	2- POLAR EPSILON 2
3- DCGS-A Inc 2	3- CAF JFC
4- DCGS-A CD1	4- TAC C2IS Mod
5- JETS	5- TAC Comms Mod
6- IBCS	6- RCAF JUSTAS
7- TACRAD (2 Channel)	7- LCSS ISR Mod
8- COE VS-Fielding	8- AGAVE GOLD
9- MIP Block 4.0-Fielding	9- CJIM
	10- Land EW Mod
	11- JFM
	12- GRAMD

US Bilateral Training	Canada Bilateral Training
1- WFK	5- Unified Resolve
2- JWA	6- Maple Resolve
3- Dynamic Front	
4- Tobrug Legacy	

Level of Integration
 1- De-conflicted 2- Compatible 3- Integrated

- Decision Points**
- Canadian endorses COP/Tracked TSOR
 - Canadian endorses Digital Fire TSOR
 - Agree Level 2 of Integration (Compatible) only for sustain
 - Can/US commitment to Integration Ex (validation)





- **Formation of Land Interoperability Standardization Working Group (LISWG)**
 - Contribute to the effectiveness of NATO forces through standardization and interoperability in the operational standardization field as it supports joint and combined operations on Land.
 - Draft NATO Military Committee Policy and Strategy
 - Interoperability Assessment Focus

- **Exercise CAPABLE LOGISTICIAN 19**
 - Hosted by: Poland 20 May – 21 June 2019
 - Focus on Standardization, Interoperability, Sustainment and Reception, Staging and Onward (RSOM) during the execution of logistics tasks
 - To practice and improve the planning and execution of theater level multinational logistics in support with a cooperative defense scenario
 - LISWG - Provides management/synchronization of Evaluation, Analysis, and Reporting Capability Team (EARC-T)
 - 29 nations have agreed to participate



	Standing Chairman	HOD
Artillery (ARTY)		TRADOC
Asset Tracking Inter-Service (AST)		LOGSA
Combat Service Support (CSS)		G-4
Counter Improvised Explosive Device WG (C-IED)		G-3
Explosive Ordnance Disposal Inter-Service (EOD)		G-3
Helicopter Interservice (HIS)		TRADOC
Interservice Ammunition (I-AMMO)	AMC	AMC
Land Operations (LO)		TRADOC
Military Engineering (MILENG)	TRADOC	TRADOC
NATO Range Safety (NRS)		TRADOC
Land Interoperability Standardization Working Group (LIS)		G-3



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