



U.S. ARMY

THE ARMY'S INTEGRATION TEAM



NIE 14.1 High Level Architecture

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9 January 2013



Distribution Statement A: Approved for public release; distribution is unlimited.

NIE 14.1 High Level Architecture



Overarching architecture is based on the CS 13-14 Objective with the exception of 1-35 Armor. 1-35 Armor is configured with the CS 15 Objective. Fielding is contingent on delivery of required items by PEOs and PMs. Transport capabilities with associated waveforms in are depicted below:

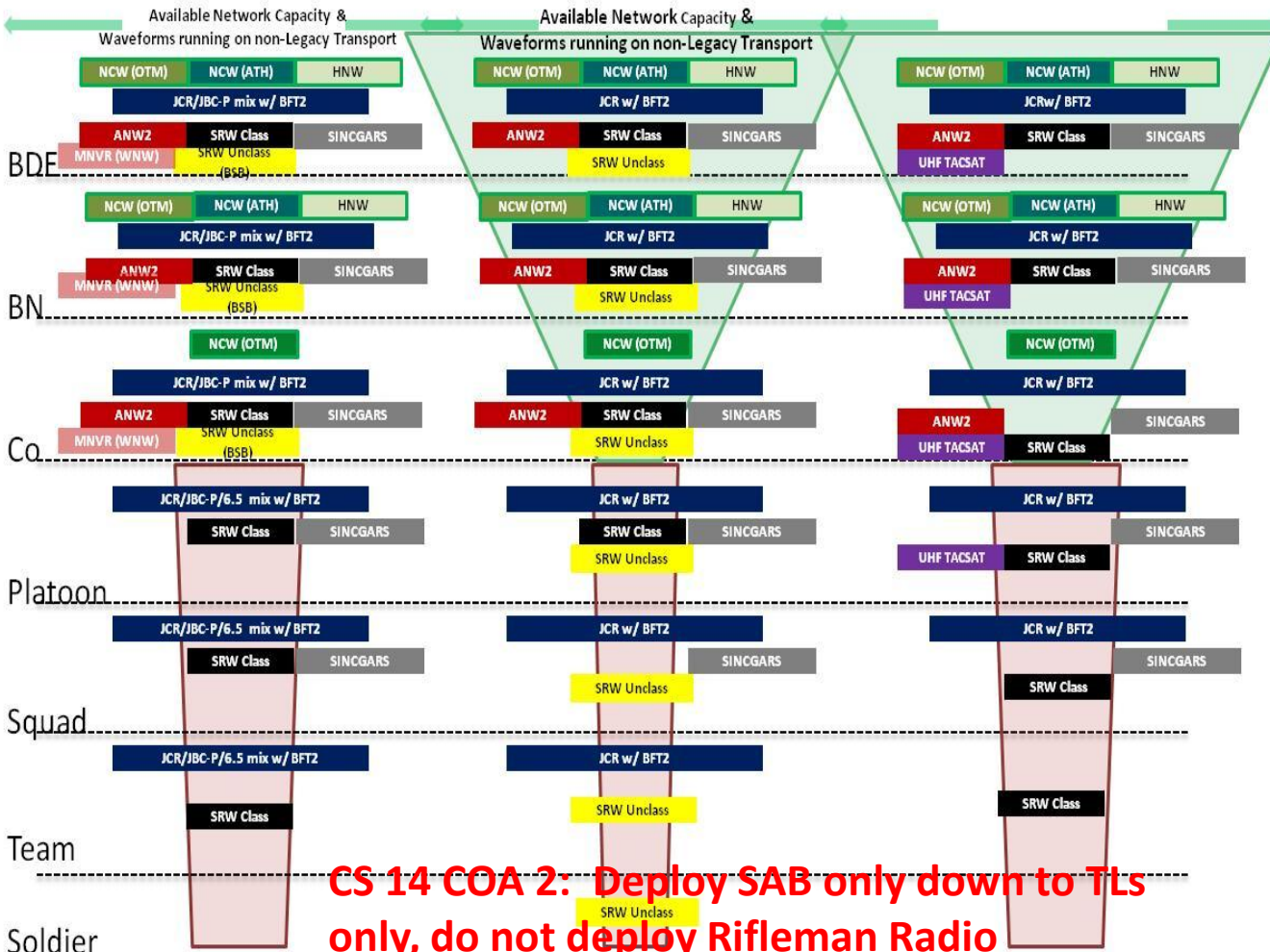
NIE 14.1

CS 13

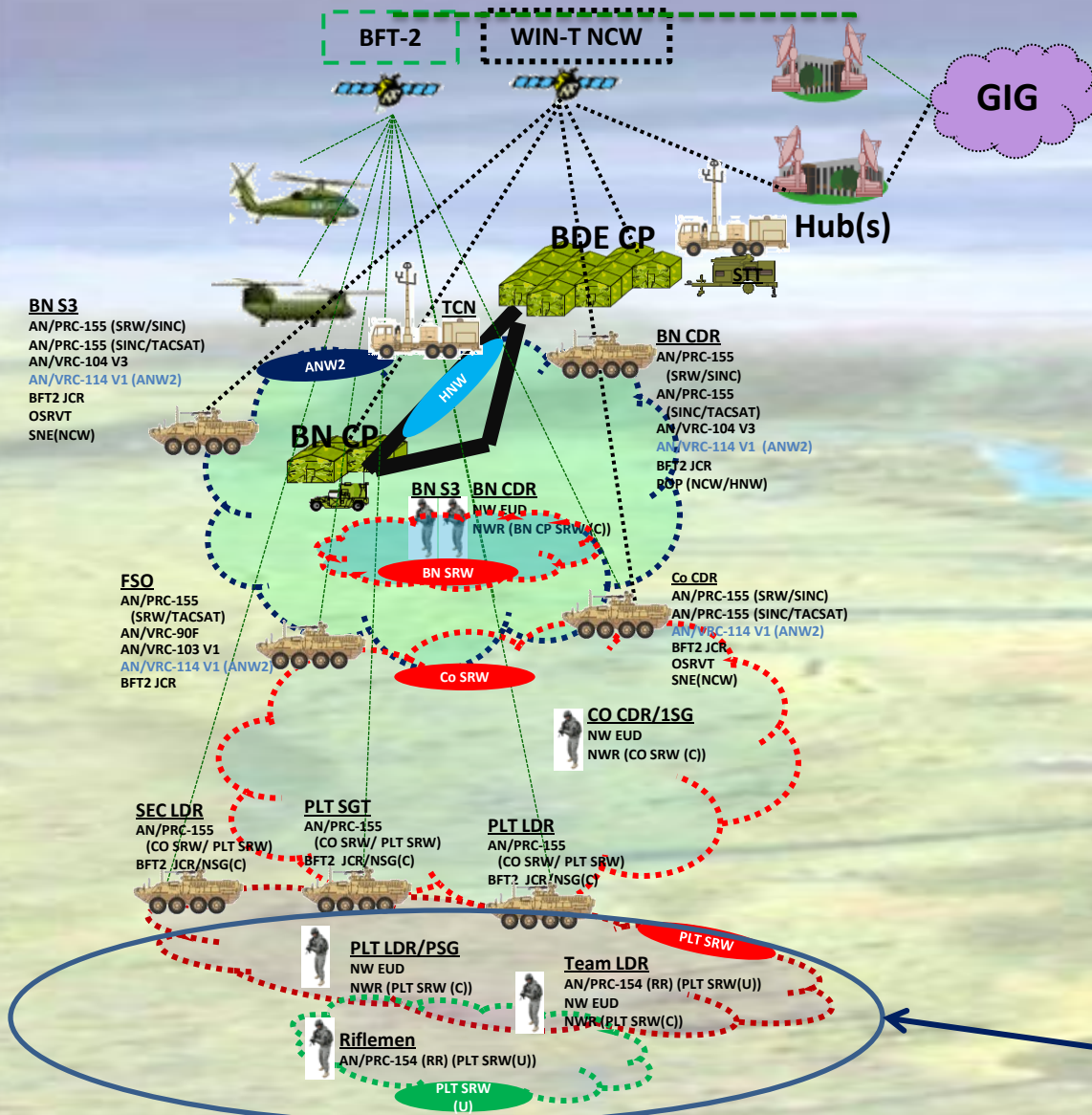
CS 14

CS 14

1. Fielding to IBCTs and SBCTs
2. BN and BDE Vehicular SRW Gateways for dismounts
3. Secret and Below Rifleman Radio to team Ldr and above
4. JCR-NSG with BFT2 /JBC-P -NSG with BFT2 provides initial terrestrial/celestial routing capability)
5. FIRES potentially executed on SRW/ANW2/WIN-T with Legacy as backup
6. Classified PLT SRW nets at Team Ldr and above, no need for vehicle CDS
7. Limited Air Tier capability
8. SRW Appliques and HMS-MPs available, 117Gs used for Mid-Tier
9. Mid Tier to CO (FSO,CDR, CoCP)
10. HMS-MPs run SINCGARS ,UHF TACSAT,SRW, and HF.
11. Fielding transport to all vehicles
12. No radio to soldier or unclass SRW to soldier



Capability Set 14



All Echelons:

- Lower Tier: BFT2 JCR/JBCP NSGs utilized to display dismounts classified data.
- No more CDS at the JBC-P NOC since all traffic is classified that goes to the NOC.

Bde Echelon

- Live SIPR with JWICS and NSANet

BDE/ BN Echelon

- Upper Tier: WIN-T NCW/HNW (C)
- Mid Tier: 117G running ANW2 (C)
"ANW2, EPLRS MANET, or no Mid-Tier"
- Lower Tier: SRW Appliqué and HMS MP.
- Dismounts with NWR and EUD (C)

CO Echelon:

- Upper Tier: NCW (SNE). No Co CP
- Mid Tier: 117G running ANW2 (C)
"ANW2, EPLRS MANET, or no Mid-Tier"
- Lower Tier: Co SRW (C) SRW Applique, HMS MP.
- Dismounts with NW/EUD and NWR

Plt Echelon

- Lower Tier: Plt SRW (C)(SRW Applique, HMS MP)
- Dismounts with NW/EUD and NWR for Team LDR and above

- Lower TI: Plt SRW (U) Still being looked at for feasibility

NIE 14.1 High Level Overview (DRAFT)

