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Flatten The Network

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PAST

• 2005 (1/1 CAV IRONHORSE)
  – HICLOS (Small digital pipe), SVOIP (Point to Point only), FBCB2 (LDIF conflicts)
  – Hierarchical, FM reliance, No CPOF, Analog COP

• Vignette (CPOF 04-05) Glimpse into Future
  – Mortar Team
  – FRAGO to Salman Pak
CURRENT

• Terrestrial Based
  – JNN, CPN, MICROWAVE, HICLOS
  – BCS3, CPOF, TIGR, CIDNE, BFT
  – BDE JNN (Appx = 10Mbps) BN CPN (Appx = 4 Mbps)

• Stagnant CPOF Collaborative Mission Command
  – Point to Point, FM reliance on the move, revert to FM
  – Bandwidth Management
  – JNN/CPN setup, no maintenance skill set

• Vignette
  – PLT answers PIR
  – Hammer BDE NTC
FUTURE

• Flat Network
  – On the move capability (BCT Maneuver)
  – Equal broadcast up and down as well as laterally with minimal bandwidth footprint (mIRC Chat)
  – Common software protocol and interoperability (remove proprietary signature; no FSR, Plug and Play)
  – Soldier must be able to move, operate and sustain system (software and hardware) without FSR