

Headquarters U.S. Air Force

Fly – Fight – Win

Air Force Weather Legacy System Conversion Plans



**Lt Colonel Bruce Lambert
Deputy Director of Weather
for Federal Programs**

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Legacy System Conversion Plans for NextGen

- AF weather systems to be converted for NextGen
- None
- However...



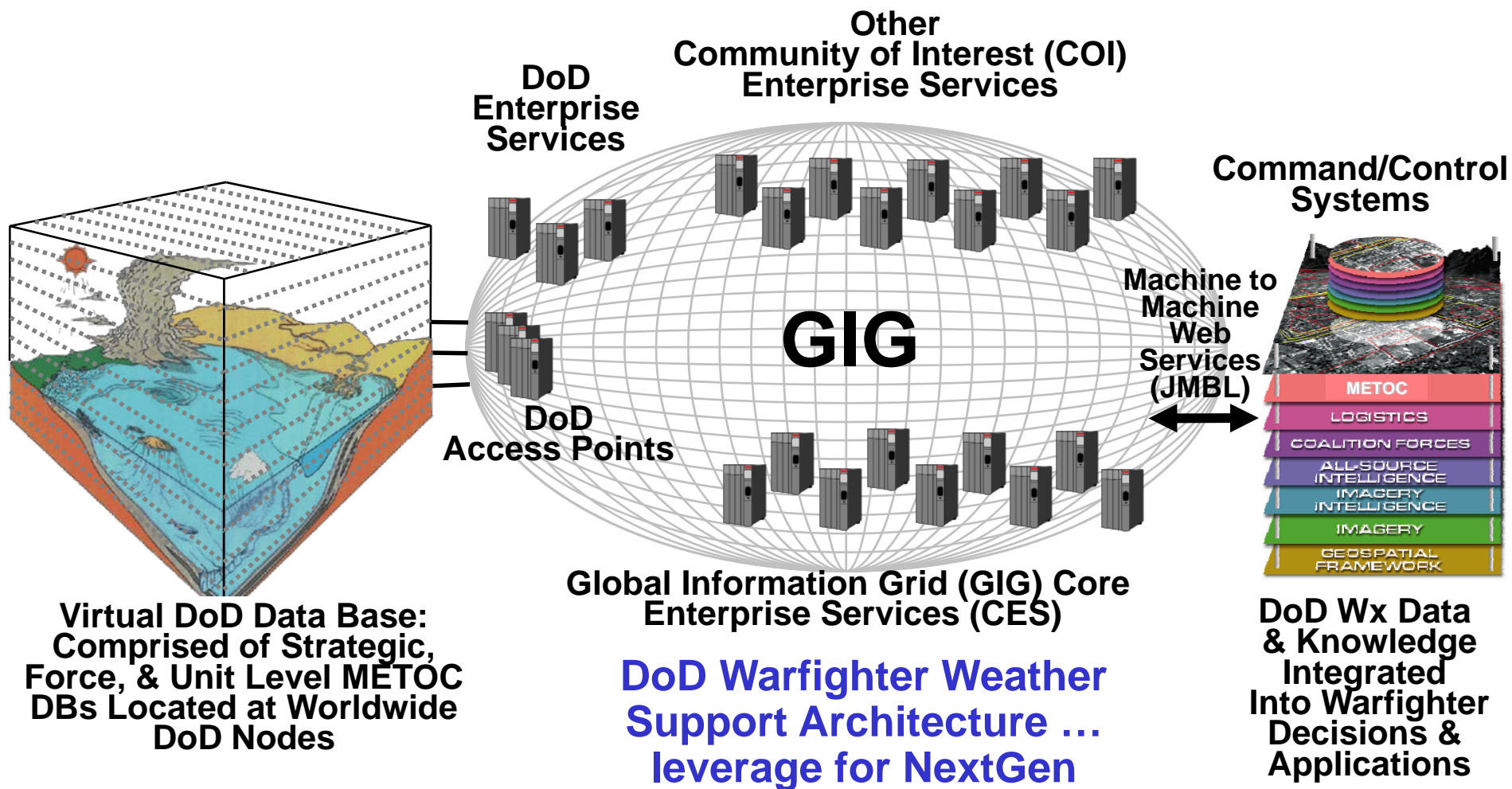
Legacy System Conversion Plans

- DoD already moving toward net-centric operations (NCO)
- DoD position is to provide NCO experience and technology to NextGen
- AF Weather has already begun converting legacy systems for DoD NCO



AFW

Target Net-Centric Architecture



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AF Weather Systems

- Joint METOC Brokering Language (JMBL)
- AF weather data base structure
- Joint Environmental Toolkit (JET) provides mission weather impacts via NCO and weather displays on the Common Operating Picture (COP)
- Automated observing system - working to make net-centric



Summary

- DoD well on its way toward NCO
- DoD already converting legacy systems for NCO, regardless of NextGen
- Participating in JPDO Working Groups to share experience and leverage existing DoD technology for NextGen
- DoD Weather is working within the Weather WG to be able to operate with NextGen across the net-centric infrastructure



Questions