

SPAWAR 2003 Industry Conference

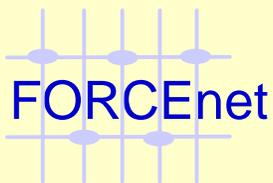


FORCEnet – The Marine Corps Perspective

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C4 – HQMC

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Marine Corps Perspective



FORCEnet will serve as an enabler for the capstone concepts of Sea Power 21 and Expeditionary Maneuver Warfare, providing networked combat forces able to successfully perform the operational concepts of Operational Maneuver from the Sea and Sustained Operations Ashore within a complex, joint environment.

FORCEnet & USMC Expeditionary Capabilities



- MCEN Enhancements
- **Information Assurance**
- **Multiple Levels of Security**
- **Transformational Communications Architecture**
- **Net-Centric Enterprise Service**
- **GIG Bandwidth Expansion for access to designated echelons**
- **Common Operational Picture**
- **Over the Horizon Communications (including STOM-Bridge)**
- **Systems Interoperability – Garrison & Deployed w/ other Services**
- **Standardized Collaborative Tool Sets (supported by JWID)**
- **Blue Force Tracking/Combat ID**

Marine Corps Fully Participates in FORCEnet -



- **Marine Corps Combat Development Command (MCCDC)**
- **HQMC – C4**
- **Marine Corps Systems Command (MCSC)**
- **Marine Corps Warfighting Lab (MCWL)**

Navy-Marine Corps FORCEnet Team



- **FORCEnet Campaign Plan**
- **FORCEnet OAG with NETWARCOM**
- **FORCEnet POM-06 Wargame with OPNAV N704**
- **FORCEnet Architecture with SPAWAR**

Marine Corps FORCEnet Efforts

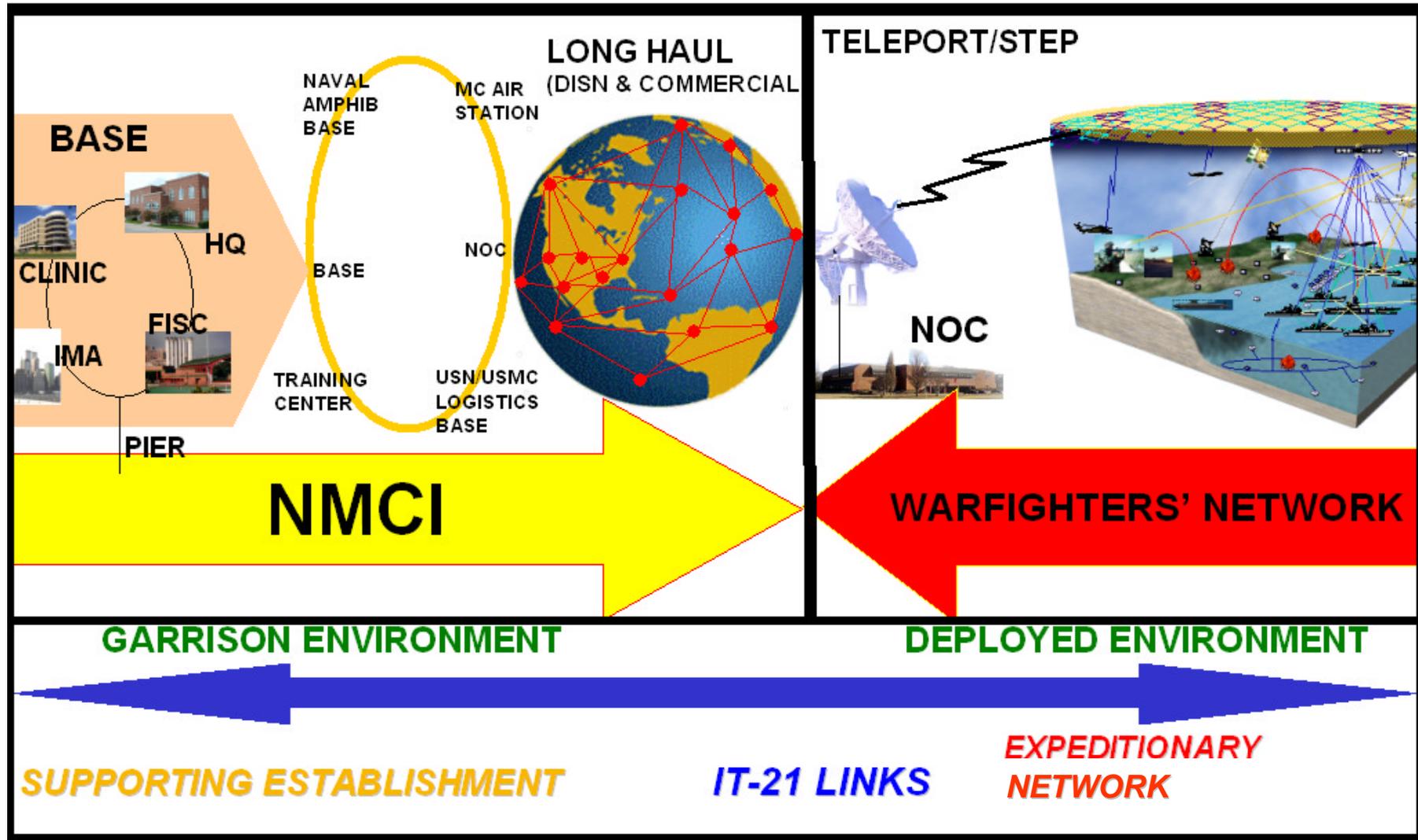


- **MCEN**
- **DOD Related Programs**
- **OEF/OIF Lessons Learned**
- **STOM Bridge**
- **ELMR**
- **JWID**
- **Coordination with other Services**
- **Engagement with JFCOM**
- **Industry/NDIA support**

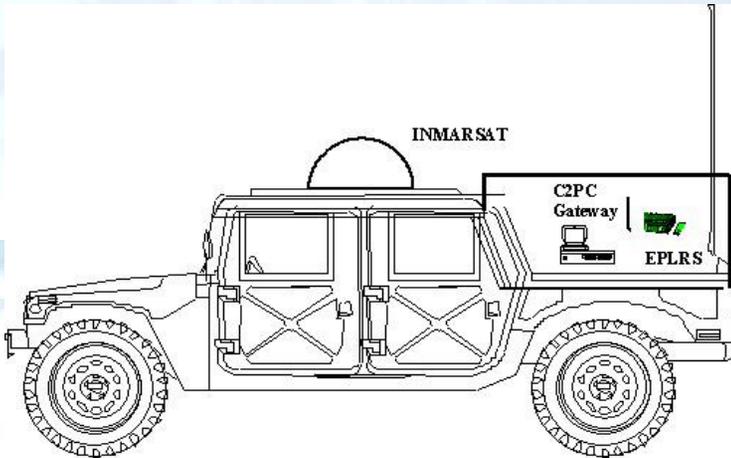


Build The Network

Marine Corps Enterprise Network



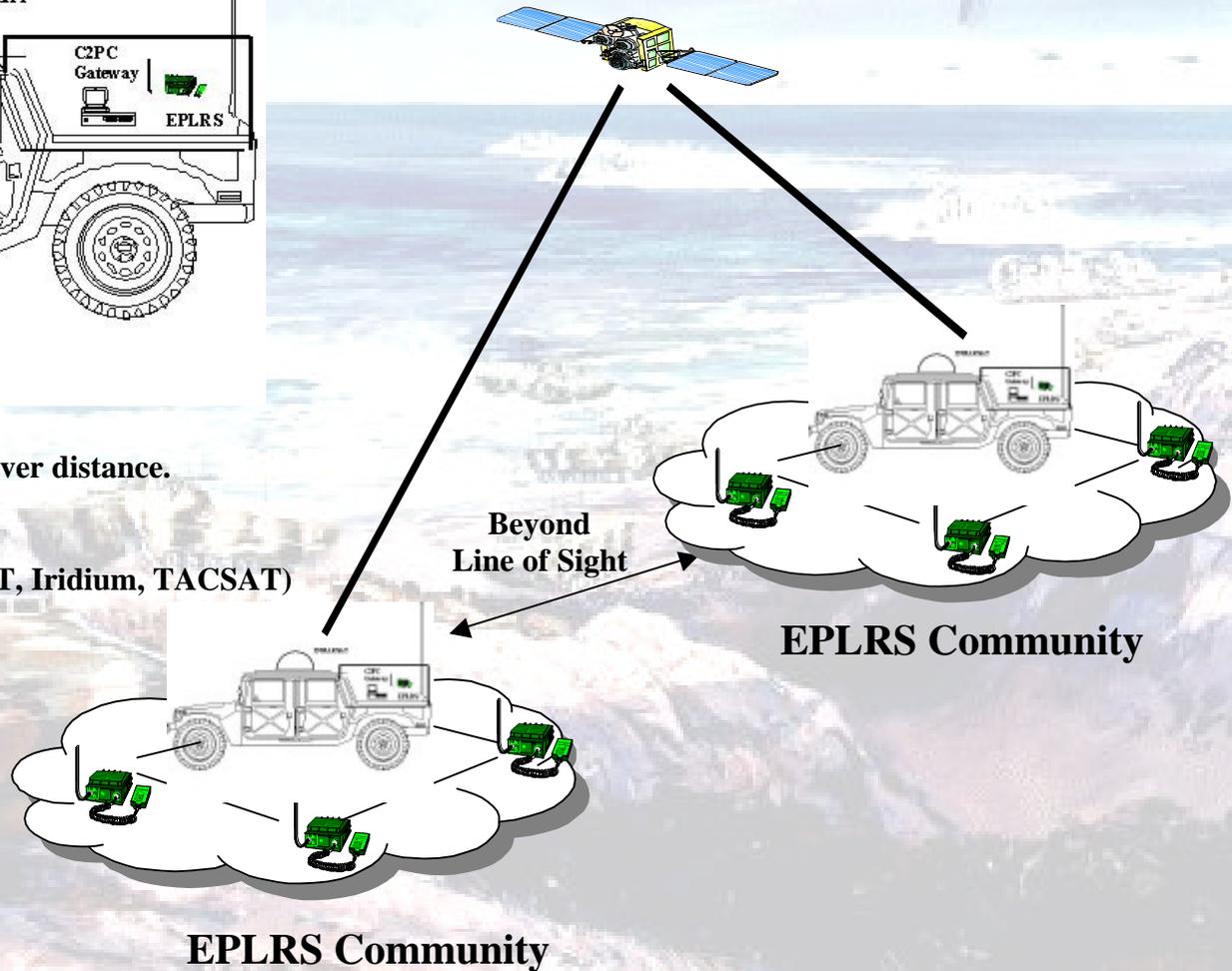
STOM Bridge “Basic”



The Basic STOM Bridge:

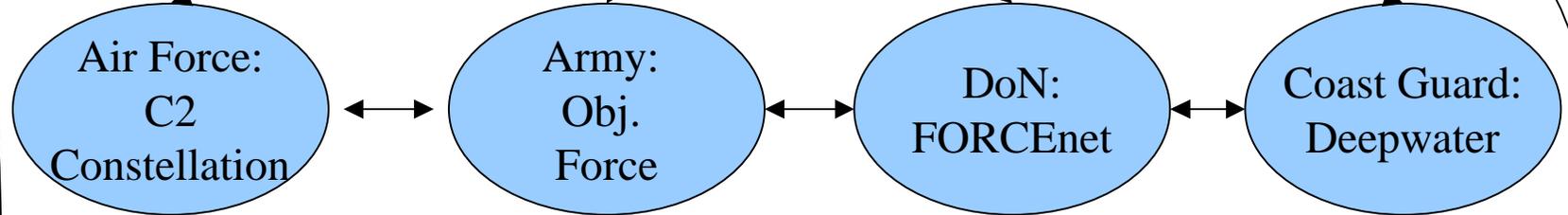
Purpose: Connects EPLRS Communities over distance.

- EPLRS Node
- C2PC Gateway
- Over the Horizon connection (INMARSAT, Iridium, TACSAT)





GIG



Okinawa

CampPen

CampLej

MarForRes

HQMC

NIPRNET

SIPRNET

MCEN

DJC2

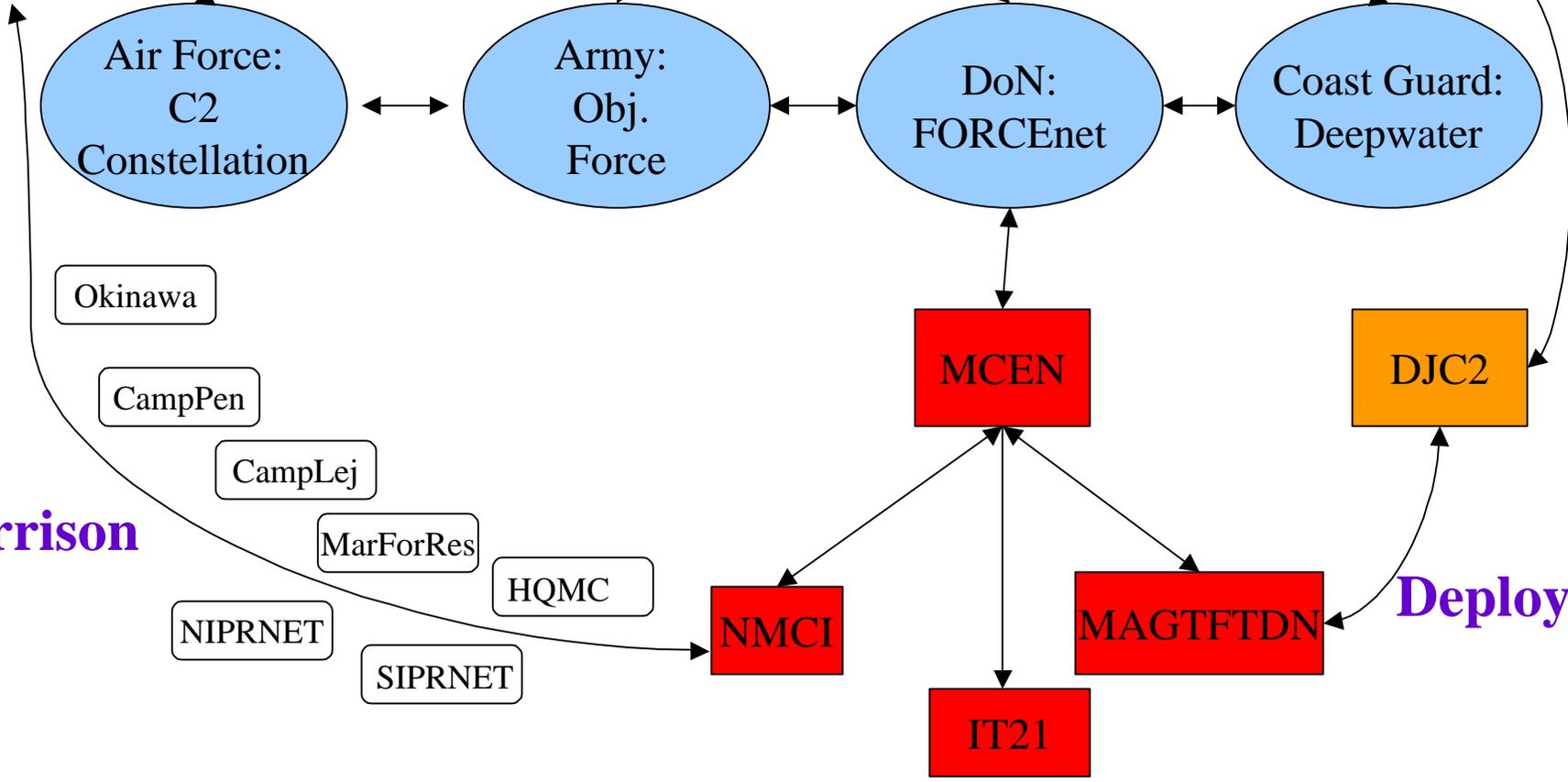
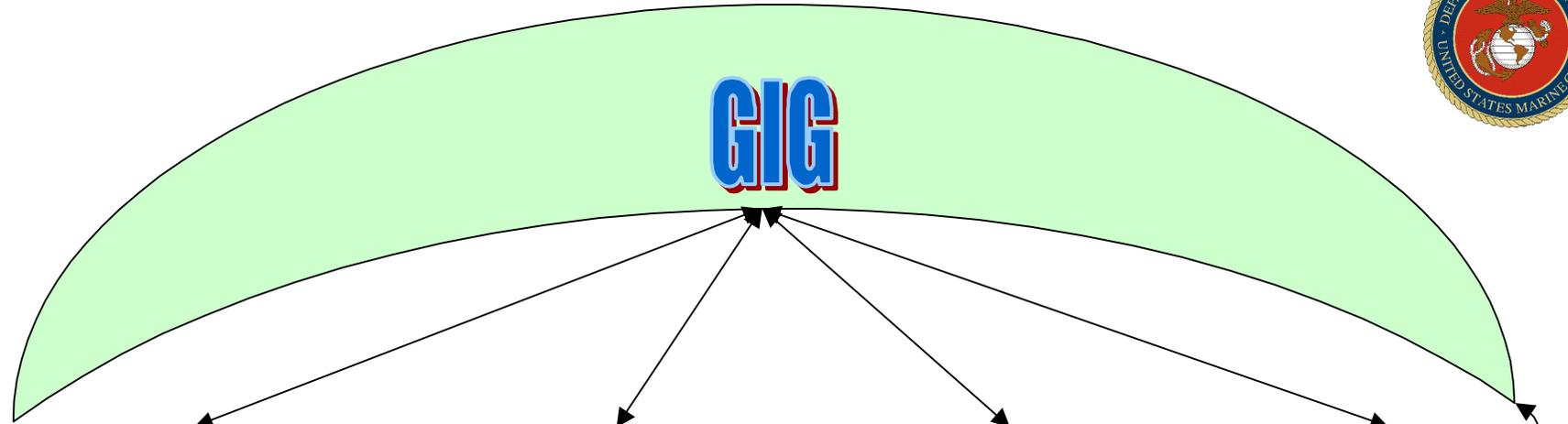
NMCI

MAGTFTDN

IT21

Garrison

Deployed





QUESTIONS?