

UNCLASSIFIED

**COMBINED FEDERATED
BATTLE LABORATORIES
NETWORK
(CFBLNet)**



**TECHNICAL ARRANGEMENT
(CHARTER)**

UNCLASSIFIED

UNCLASSIFIED

INTRODUCTION

1. This document defines the Technical Arrangement upon which the Combined Federated Battle Laboratories Network (CFBLNet) will operate and conduct its mission.

BACKGROUND

2. In April 1999, the United States of America (USA) made a proposal to the North Atlantic Treaty Organisation (NATO) Consultation, Command and Control (C3) Board to establish CFBLNet. The concept was to build on the Combined Wide Area Network (CWAN) that had been established each year for Joint Warfighter Interoperability Demonstration (JWID), to establish a year-round network for research, development, trials, and assessment operating at a combined Secret Releasable accreditation level.

3. The Principal Participants would be the USA, the Combined Communications-Electronics Board (CCEB), and NATO. The Network would be used to develop coalition interoperability, doctrine, procedures and protocols that can be transitioned to operational coalition networks in future contingencies.

4. The changing nature of contemporary and future warfare demands that CFBLNet be capable of evolving to support the integration of all mission partners involved across the spectrum of operations¹, based upon DOTMLPF² constructs.

CFBLNET MISSION PARTNERS

5. Any entity engaged in, or supported by, research, development, trials, and assessment (RDT&A) for Command, Control, Communication, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) capability development across the spectrum of operations is a potential CFBLNet Mission Partner. The nations and organizations of the Principal Participants are Core CFBLNet Mission Partners. Entities which are not Core CFBLNet Mission Partners may become Guest CFBLNet Mission Partners, subject to the approval of the Principal Participants. Only CFBLNet Mission Partners (Guest or Core) can be Initiative Participants (i.e. can engage in an activity utilizing the CFBLNet).

VISION

6. The vision of the CFBLNet is to provide the infrastructure of choice for research, development, trials, and assessment (RDT&A) that enable CFBLNet Mission Partners to field comprehensive operational Command, Control, Communication, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) capabilities.

¹ Doctrinally referred to in the literature as "spectrum of conflict."

² Doctrine, Organization, Training, Material, Leadership, Personnel, and Facilities

SCOPE

Ownership

7. The CFBLNet is a combined federated network which will leverage the resources owned by CFBLNet Mission Partners, such as networks, laboratories and test beds as required on an Initiative-by-Initiative basis.

Governance

8. The CFBLNet will fall under the oversight of the CFBLNet Senior Steering Group (C-SSG), comprised of three flag officer level executives representing the Principal Participants. Control of the CFBLNet will be conducted on behalf of the C-SSG by a CFBLNet Executive Group (C-EG) of O-6 level (or equivalent) members also representing the Principal Participants. The C-EG may stand up any subordinate groups as required.

9. The USA will provide the Secretariat and network manager³ for CFBLNet. The network manager will maintain control over the day-to-day activities and the conduct of CFBLNet Initiatives, including network requirements of the CFBLNet Mission Partners. The Secretariat will maintain close liaison with all CFBLNet Mission Partners, and act as a coordinator for CFBLNet Initiatives.

10. The Core CFBLNet Mission Partners have an equal say in the utilization and management of CFBLNet.

11. Recognition of entities as Guest CFBLNet Mission Partners requires the unanimous approval of the Principal Participants, and may be revoked.

12. All CFBLNet Mission Partners are to respect sovereign and intellectual property rights of activities conducted on the network.

Resources

13. No transfer of funds is envisioned between Principal Participants for CFBLNet services. CFBLNet Mission Partners are responsible for their connection to a C-EG authorized CFBLNet Point of Presence (POP). All CFBLNet Mission Partners have the responsibility of maintaining their own systems support to the CFBLNet. Initiatives will be funded by the Initiative Participants.

CFBLNet Physical Description

14. The CFBLNet uses a distributed Wide Area Network (WAN) as the vehicle to conduct initiatives. The network consists of a distributed and integrated architecture of CFBLNet Mission Partner sites as required for CFBLNet Initiatives. It will include the applications, analytical tools, network enabled services and communication necessary to support deliberate research, development, trials, and assessments. The hardware and associated software will be located within the confines of authorized facilities such as battle laboratories of the CFBLNet Mission Partners.

Security

15. The CFBLNet provides multiple appropriately separated networked security domains to enable Initiatives with any mix of CFBLNet Mission Partners to share information at any level up to and including SECRET. The Core CFBLNet Mission Partners are responsible for accrediting, in accordance with the CFBLNet's security accreditation requirements, their systems and the systems of the Guest CFBLNet Mission Partners which they sponsor, to maintain the security and integrity of the CFBLNet.

³ Secretariat and network management are provided by DISA

UNCLASSIFIED

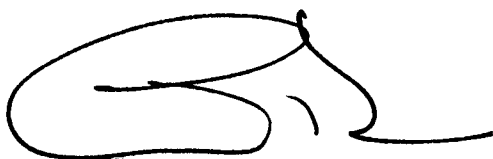
MISCELLANEOUS

16. Any disagreement will be resolved amicably and expeditiously by consultation or negotiation between the Principal Participants, who will not have any recourse to national, international tribunal or third party for settlement.

17. Any Principal Participant may terminate this arrangement by providing three (3) months written notice to the other parties.

18. This Technical Arrangement (Charter) will come into effect upon the date of the last signature below:

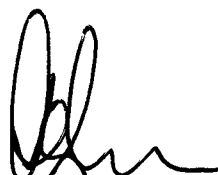
On behalf of CCEB:



Carl Dixon (date)
Air Vice Marshal Royal Air Force

14 MAY 2009

On behalf of NATO:



Dag Wilhelmsen (date)
General Manager NC3A

22 April 2009

On behalf of USA:



Michael Basla (date)
Major General, USAF
US DOD Joint Staff DJ6

14 May 09

UNCLASSIFIED