

# 12<sup>th</sup> INTERNATIONAL COMMAND AND CONTROL RESEARCH AND TECHNOLOGY SYMPOSIUM

Adapting C2 to the 21<sup>st</sup> Century

## Towards An Enhanced Visualisation Environment For Battlefield Coordination

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### Abstract

One of the disturbing trends of Command and Control environment is the potential flood of information and the exponential increase in battlefield coordination requirements from the wide spectrum of C2 systems that supports unique slices of operations from the different services and military domains. A series of experiments were conducted by the Singapore Arm Forces from late Nov to early Dec 2006 in the Shoal Water Bay Training Area in Queensland, Australia, to evaluate SCOPE an enhanced visualization environment for battlefield coordination, in the context of the reach and richness of communications, operational awareness, team collaboration, self-synchronisation, and decision agility. The Self Compose-able Operating Picture Environment (SCOPE) aims to harness the information from disparate command and control systems across different military services and domains, to empower the operations end users with the ability to dynamically create unique and relevant slices of the operational picture to support varied the varied operations.

These experiments are a first step towards evolving of the next generation Command Post of the Future (CPOF), leveraging on the seamless communications infrastructure and the SCOPE system prototypes.

Topics: Network-Centric Warfare, Distributed Operations, Integrated Knowledge-based Command and Control.

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