

**Joint Training Counter-IED
Operations Integration Center**

JTCOIC

**Mr. Jim Slavin
Director**

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“It Takes a Network...”

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Training World



NTC

BCTP

JMRC

JRTC

JICTC

MAGTF-TC

MCES

JFCOM

JCOE

...Globalization



JTCOIC

...Information



Operational Environment



...Shifting Demographics



...Ideology



...Weapons of Mass Destruction



...Environmental Fragility



...Technology



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Home Station
Training

Constantly changing
Operational Environment



The Training Brain

Relevant | Agile | Tailorable | Integrated

Creating a Common Framework

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Training Brain

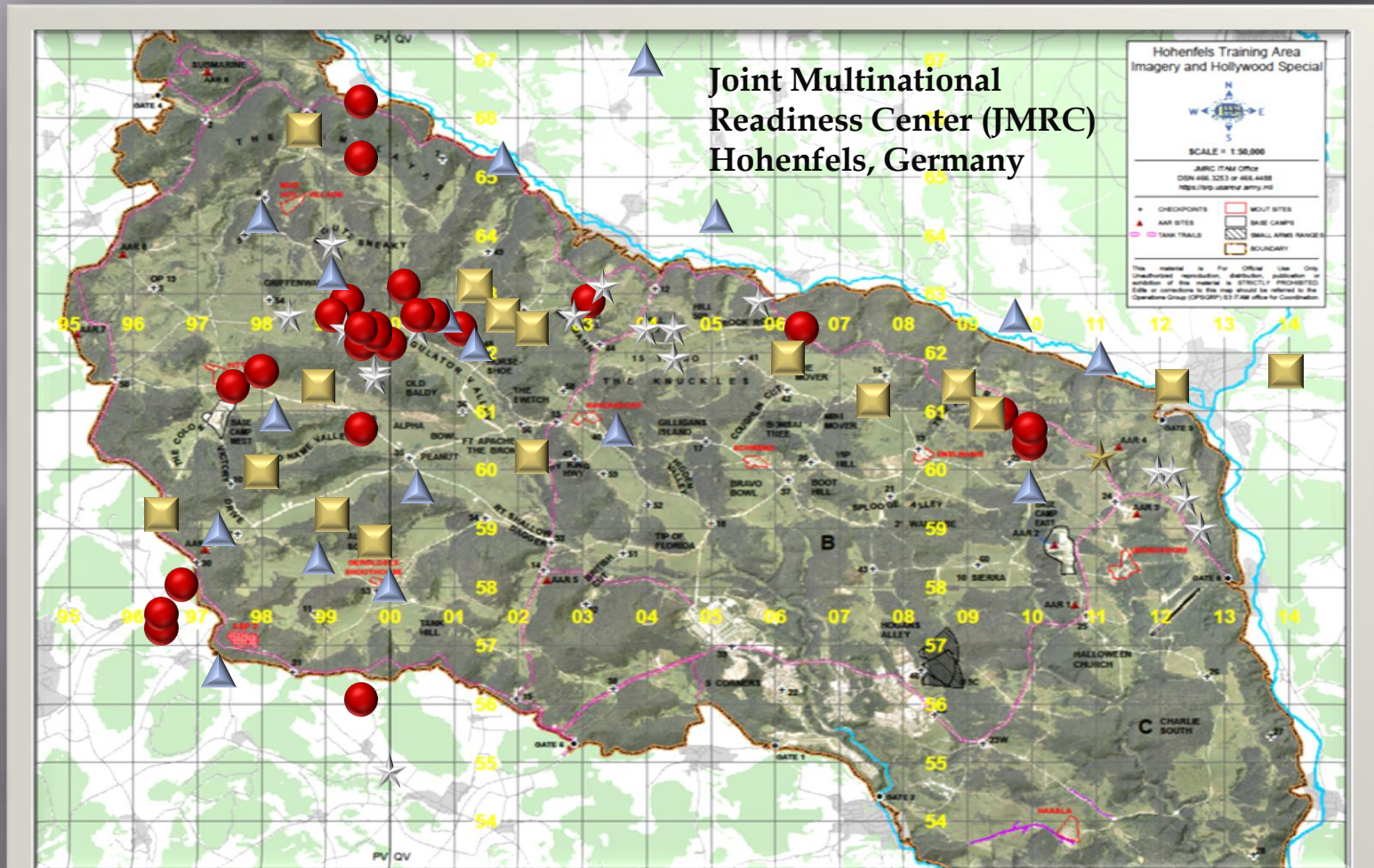
ASAS Events
 ASAS Facilities
 BATS Attachments
 BATS Enhanced
 Bombmakers Database - NGIC
 C2 CACE
 C2X HUMINT
 C2X SIR/TIR
 CELLMATE/CELLEX
 CENTCOM INTSUMs
 CENTCOM MASINT
 CEXC
 CIDNE CMO
 CIDNE ENGAGEMENTS NTC
 CIDNE HUMINT
 CIDNE OPERATIONS
 CIDNE PRT Summary
 CIDNE PSYOPS
 CIDNE Polling Site
 CIOC Email
 CIOC NOFORN
 CIOC REPOS
 CIOC Releasable
 CITP
 CMPC-Q DOMEX
 COIC
 Command Post of the Future
 DA IIS IIR/TDS
 DA IIS Tearlines
 FREETEXT
 Fusion Net Events
 GHOST JEWEL
 MOI KCC
 Iraqi Advisory Task Force
 M3/AMHS Freetext
 M3/AMHS Miscellaneous
 MNF-I Access Vetting
 MNF-W Detainee
 NGIC BIAR
 NGIC Harmony
 National Operations Center
 Counter VBIED Cell Reports
 Network Warfare
 Strategic Vetting Team (COIC)
 TACTICAL FUSION
 TRAXOR
 Target Support Packages
 TiGR
 USMTF
 WIRE
 WIT



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Training Brain

Training Applications



3D Dashboard

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Training Brain

Training Applications



User Defined Operational Picture

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Training Brain Training Apps

Systems Integration Modeling and Simulation



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Training Brain
Training Apps

Systems Integration Modeling and Simulation

TRAINING
COIC

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Training Brain
Training Apps
SIMS

Immersive Environment

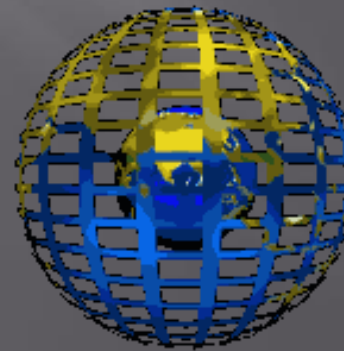
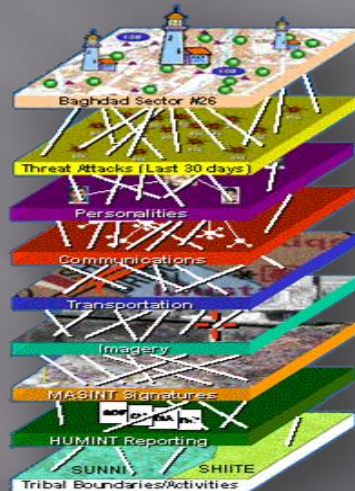




Training Brain
Training Apps
SIMS
Immersive

Massive Multiplayer Online Game

Operational
Environment



Live
Virtual
Constructive
Gaming

Creating a World Within a World

JTCOIC

Training Brain

Training Apps

SIMS

Immersive

MMOG

Training

Operational



“Making the Scrimmage as Hard as the Game”

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“It Takes a Network...”

C-IED Training Process

*JTE C-IED training enables Battle Staffs with a process for attacking enemy IED networks:
 -Analyze networks in-depth; collect, exploit, and template to ID enemy vulnerabilities (EAD)
 -Plan and conduct multiple, near-simultaneous lethal and non-lethal attacks (F3)*

TRAINING PROGRAM

Overview

AtN in the COIN Environment

AtN Concepts & Methods

CIED Enabler Integration

Indicators – Observations & Signatures

Network Templating – A Method

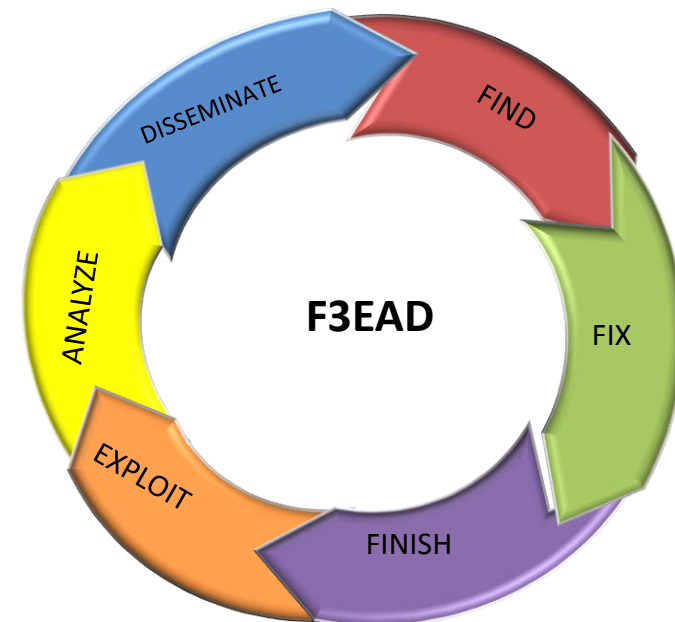
CIED/Counter-Threat Working Group

Targeting

Practical Exercise

Exploit
Analyze
Disseminate
(EAD)

Find
Fix
Finish
(F3)



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... incorporated innovation

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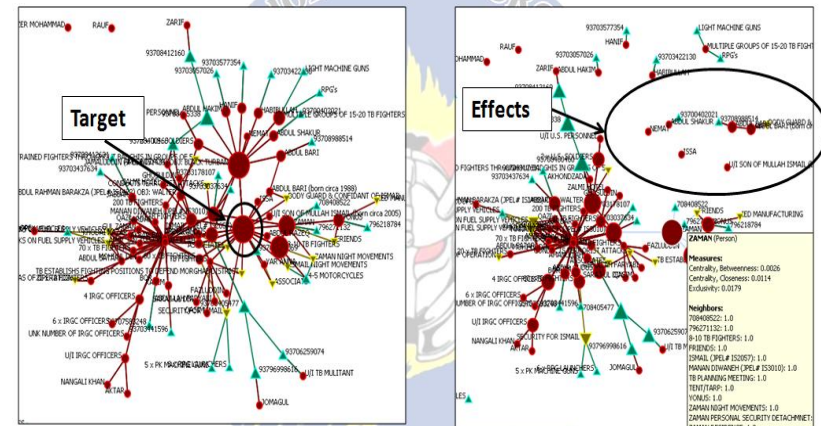
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Targeting

Practical Exercise

Visualization of 2nd and 3rd Order Effects



Original Network

Network After Targeted Node is Removed

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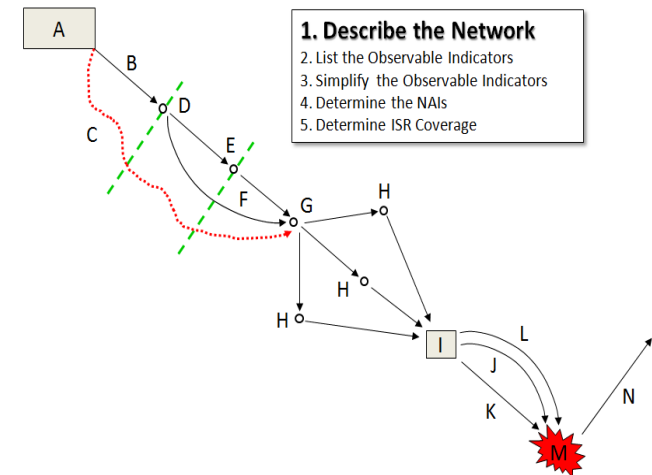
Practical Exercise

... incorporated innovation



Network Templating

Attack the Network – Defeat the Device – Train the Force



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Discussion