

SOUTHCOM Working Group

SC Execution:

Dissemination and Connectivity

- Current Tools and Technology
 - SMS messaging
 - Web pages tailored to nations, regions, languages
 - “100 Dollar Laptops”
- Future Tools and Technology
 - Empowering information infrastructure
 - Enhance “100 Dollar Laptop” connectivity to communities (ICT4D)
 - Enhanced cellular phones, etc. (iPhone, Blackberry)
 - WiFi, Cell Towers

Data Collection and Analysis

- Tools for identifying actors and actions
 - Existing Tool and Technology
 - Polling and Survey Research
 - Social Network Analysis
 - Media monitoring (Speech Gear, Sail Technology, BBN, Northrup-Grumman Language Now)
 - Linguistic tools
 - Information Extraction
 - Machine learning
 - Anomaly detection
 - Stakeholder Analysis
 - Senturion
 - Factions
 - Perception Monitoring
 - Jodange, Social Science Automation, MIT research, Microsoft research, BBN, VS (University of Maryland)

Data Collection and Analysis 2

- Future Requirements
 - Interactive Dialog System (RSM Global) – Increasing the amount and timing of qualitative and quantitative data
 - Integration of different schools of data collection and analysis
 - Compoex (IBC/CPE)
 - Existing Government frameworks for integration
 - ICEWS
 - Argus
- Tools for identifying cause and effect relationships
 - Existing Tools and Technology
 - Causal Loop Diagramming/Systems Dynamics Modeling
 - Structured Argumentation Tools (SIAM)
 - Prediction Markets (Abraxas)
 - Future Tools and Technology
 - Methods for identifying actors and related actions

Planning

- Existing tools and technology
 - Gaming
 - Breakaway LTD
 - AFMP
 - Simulex
 - SEAS
 - Agent-based Modeling
 - Senturion
 - SEAS (Air Force)
 - Societal Dynamics based Modeling
 - Strategic Management System (STRATMAS)
 - Deployable Exercise Support System (DEXES)
 - Formal Planning Tools
 - -DMS-CUPOL (NATO guidelines of operational planning protocols) CUPOL
 - System Dynamics Modeling
 - STELLA, Powersim, etc.
- Future tools and technology
 - Gaming to order rank CoAs
 - Human Behavior Modeling
 - Integrate/extrapolate behavioral reaction to kinetic activities from kinetic model