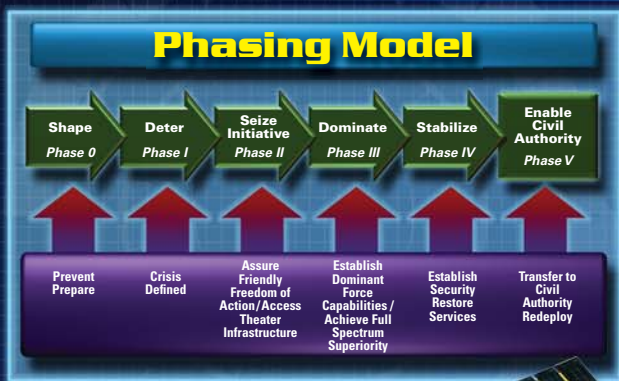


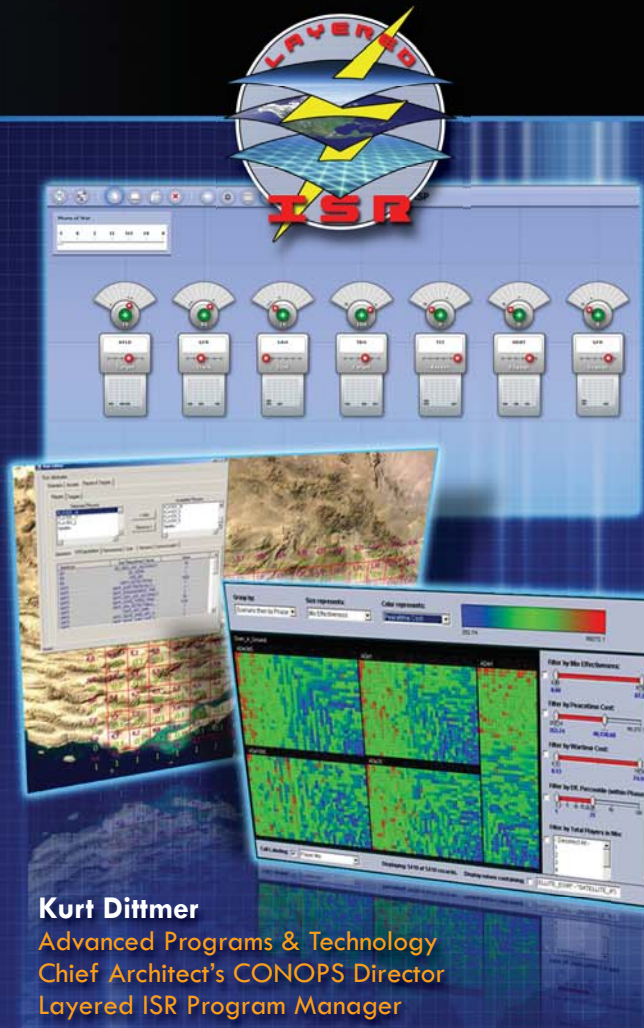
Commanders intent translated directly
into ISR collection requirements...



Collection requirements
driving ISR force mix
assessments...



Capabilities-based
assessments of cost
effective ISR force
mixes...



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Advanced Programs & Technology
Chief Architect's CONOPS Director
Layered ISR Program Manager

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Layered ISR Architecture Analysis



**Providing decision
makers quantitative
and scalable
assessments**

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Purpose:

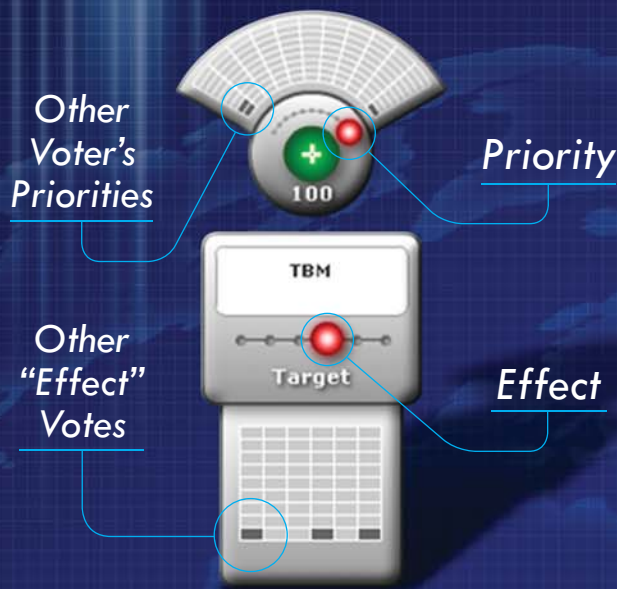
Rapid system-of-systems capabilities-based analysis of Air and Space ISR systems to identify effective force mix options for DoD and Intelligence Community needs



Gameplan:

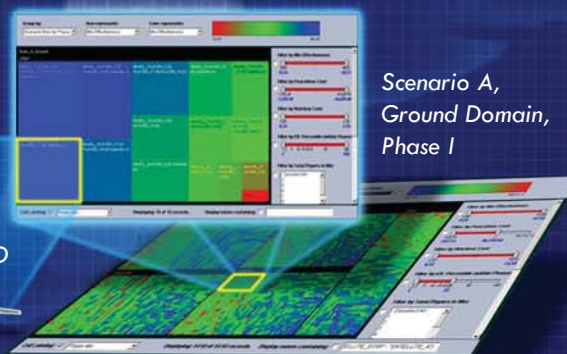
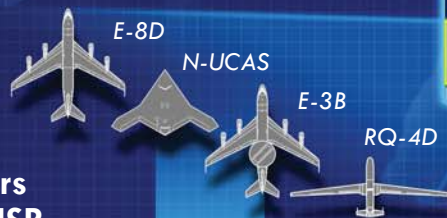
1. Using Collaborative Reasoning Tool (CRT), vote priority of targets (spin dial under fan 0 to 100)
2. Vote effect for each target (move slider through kill chain for intent)
3. Translate votes into normalized collection priorities in ISR Capabilities Effectiveness Tool (CET)
4. Review collection requirements and input run parameters including scenario and ISR platforms to be assessed
5. Run CET and determine cost effective ISR force mixes
6. Review capability gaps for collection requirements and targets assessed
7. Parse data using analyst workbench (Honeycomb®) and filter for cost, effectiveness, and CONOPS

LISR

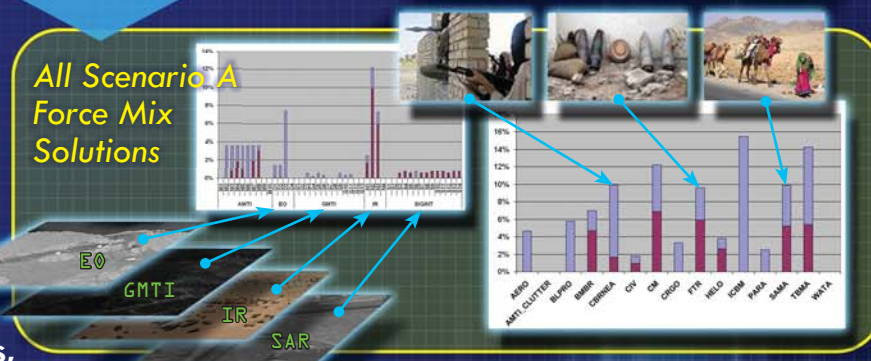


Analyst Workbench

Platforms to Assess



All Scenario A Force Mix Solutions



Target Collection Gap Charts

DEFINITIONS

Assessment Areas:

- Irregular
- Traditional
- Cyber
- Ground
- Maritime
- Air
- Space
- ASW

Analysis:

- Family of Systems and Single System Utility assessments
- Force Mix Selection / Force Size Evaluation
- Platform / Sensor Trade Studies
- CAIV trades
- EEL sufficiency studies

Why LISR Toolset?

- Agility – Rapid, large or small scale system-of-systems assessments
- Visibility – Databases transparent to users
- Flexibility – JCIDS architecture enables wide ranging study support
- Maturity – Six years of development, Proof of Principle with USSTRATCOM