

2009: DoD USDI Staff Briefing

OSINT Defense Overview

Open Source Intelligence (OSINT): Defense Overview

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STAFF BRIEF (18 Slides)

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This is a draft briefing for DoD STAFF

This briefing contains speculative views on future directions in OSINT funding and contracting.

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Defense Intelligence Old & New

Cold War-Service-Centric

- Mission is Big War Only
- Limited Hard Targets
- Conventional Forces
- DoD Rules & Runs Alone
- Service-Centric
- Intelligence Marginalized
- Comms Internal, Secret
- Unconstrained Funding
- Acquisition Inept & Wasteful
- Unilateral Militarism

New War-Mission Centric

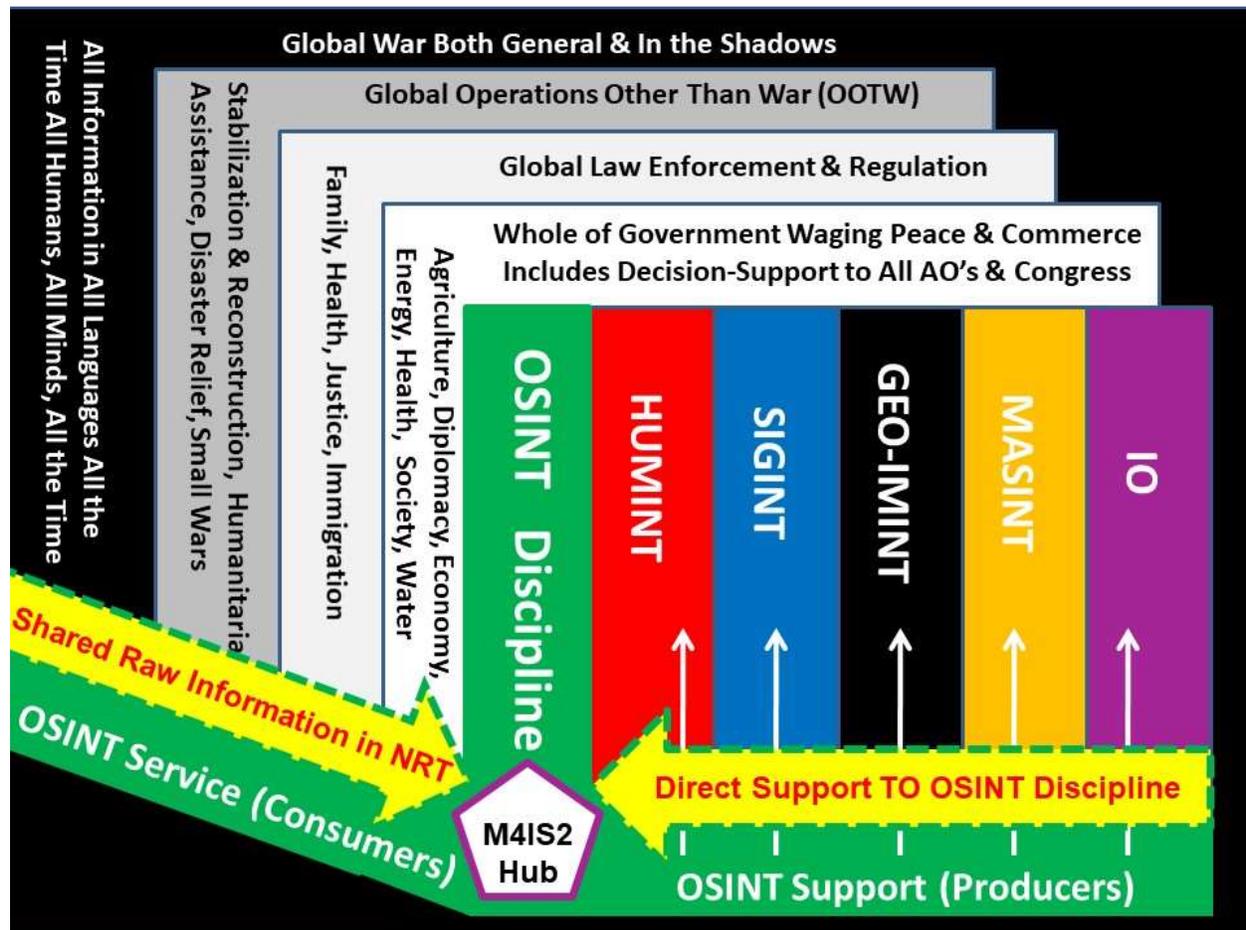
- Mission is War in All Its Forms
- Everything is a “Target”
- Unconventional Forces
- Whole of Government Matters
- Mission Centric
- Intelligence Matters More
- Comms Must be Universal
- Government Bankrupt for Now
- Acquisition Must Shine
- Multinational Multifunctional

We all know now that the Cold War is over and the Long War is now the context for defense thinking.

What most of us do not realize is that General Al Gray, then Commandant of the Marine Corps, got it right in 1988—on the strength of the findings of his new Marine Corps Intelligence Center (MCIC).

The “establishment” has ignored clear warnings and calls for defense reform—in policy, in acquisition, in intelligence, in operations—issued in 1988-1989, 1992, and 1998 when the “four forces after next” were clearly defined by the Army Strategy Conference of that year.

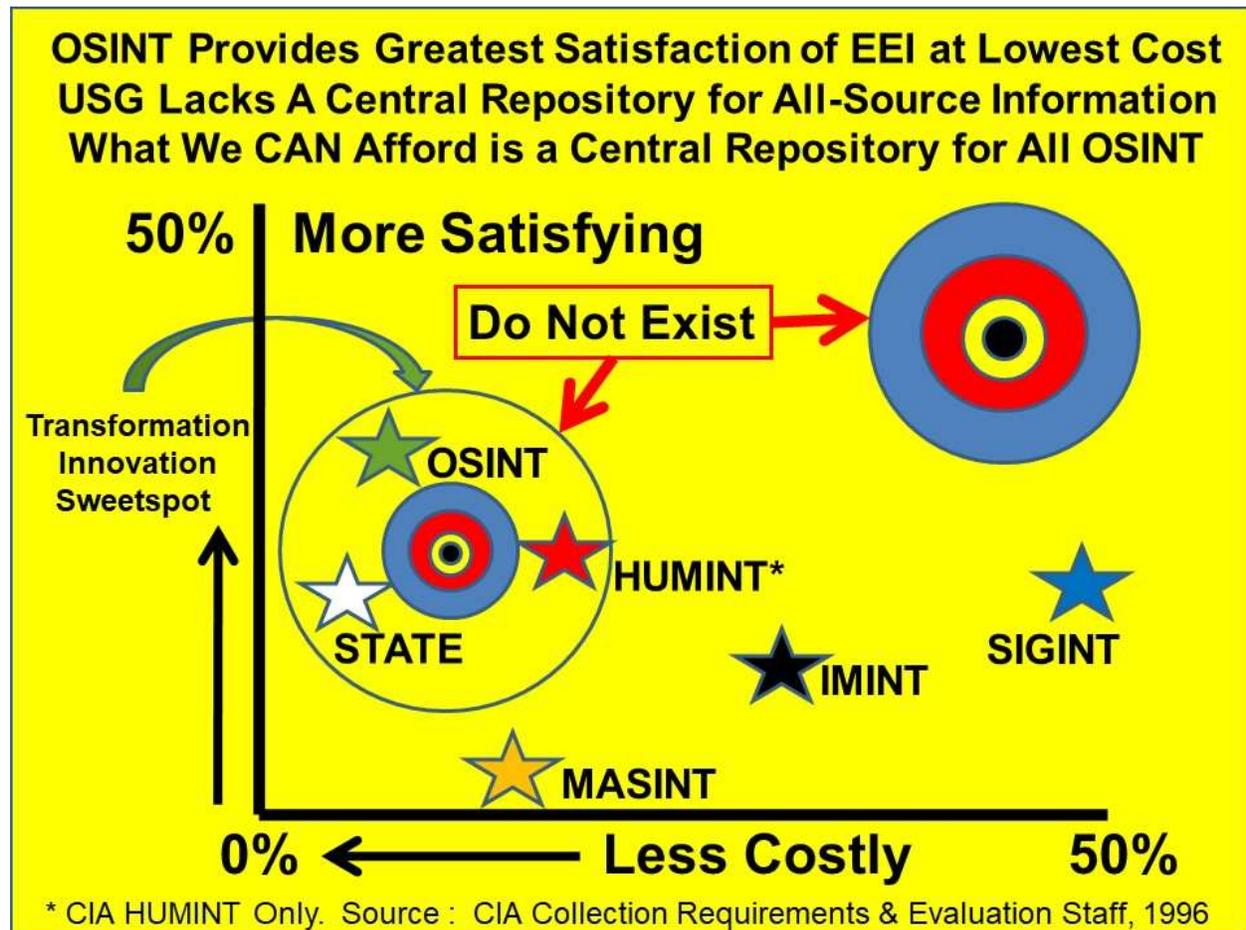
OSINT, M4IS2, All-Source Foundation, All Mission Relevance



The purpose of this briefing is to suggest the way ahead for Defense Open Source Intelligence (OSINT), and to propose specific transformative innovations centered on Human Intelligence (HUMINT) and OSINT in partnership with the rest of the US Government and with our coalition military partners.

If adopted, these recommendations will firehose all possible open sources in all languages to the high side in near-real-time; and will allow for the provision of unclassified decision-support to Whole of Government as well as international Stabilization & Reconstruction Operations.

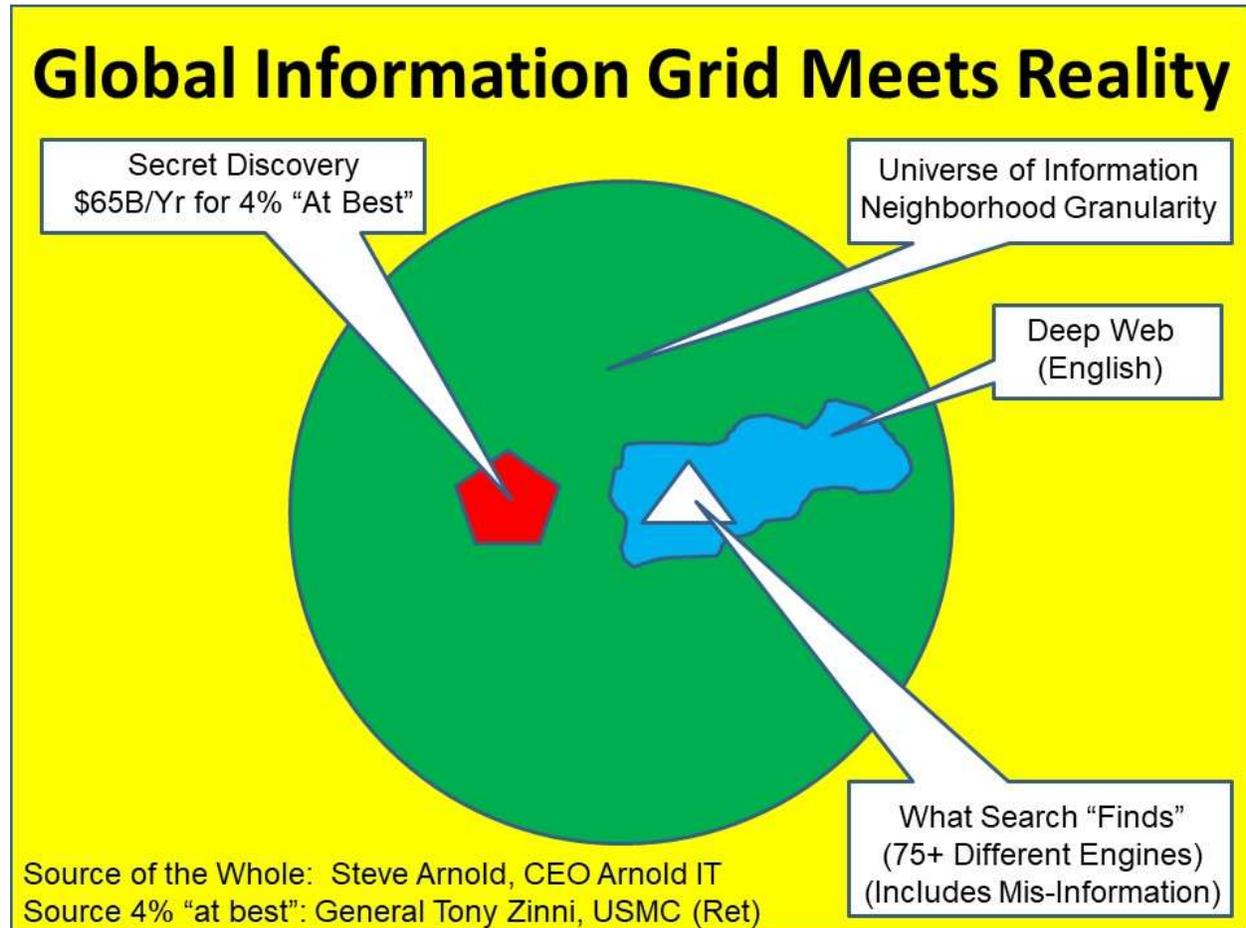
OSINT Satisfies Most EEI at Lowest Cost – Lack a Central Repository



The U.S. Intelligence Community does not have an all-source processing center. Despite the emphasis on sharing, analysts are still spending an unreasonable amount of time accessing disparate data bases. Here are the officially defined relative values of the major disciplines including two open ones: OSINT such as it exists, and diplomatic reporting.

What we CAN do now, very inexpensively, is create a reliable defense open source intelligence center (DIOSEC) with an embedded Multinational Decision-Support Center (MDSC) to achieve, at least at the unclassified level, the Holy Grail of direct timely access to all information in all languages all the time.

Global Information Grid Meets Reality – Our Access is Fractional



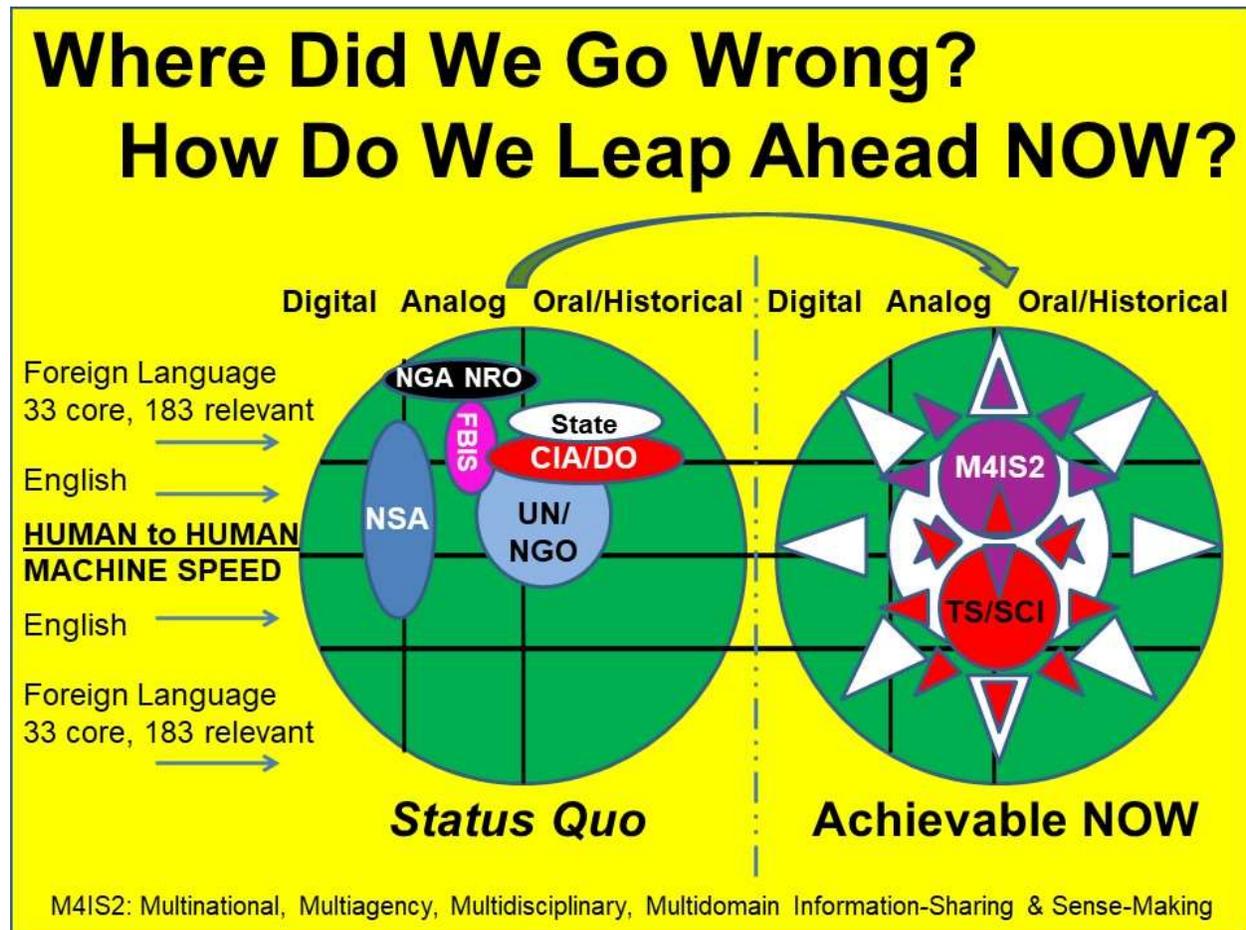
The green circle represents all that can be known in all languages that is relevant to national security and national competitiveness decision-making.

We are not doing well. "Search" is a variable with at least seventy-five major search engines, the most prominent of which will show you what someone else had paid for you to see.

Deep Web is in its infancy, but does not do much better, especially in languages other than English.

Isolated from this larger reality is the secret world.

Where Did We Go Wrong? How Do We Leap Ahead Now?



We went wrong in following our obsessions--the Cold War produced denied areas that led to technology being substituted for human intelligence, which in turn exploded the secret world.

Our leadership has been an industrial-era leadership, content to “go along” and be satisfied with continuity of operations, while using secrecy to protect budget share and avoid accountability.

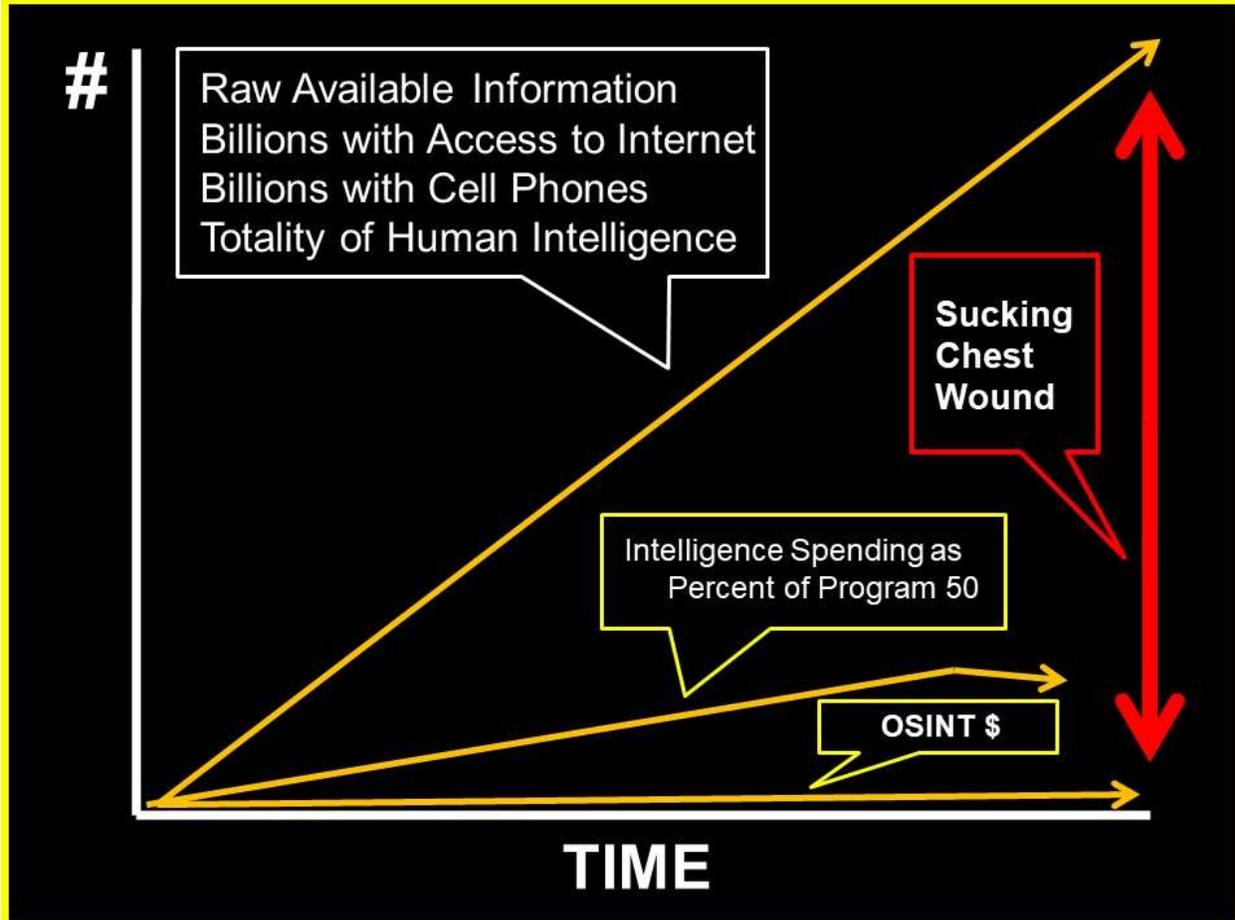
Our leadership has also been isolated, lacking in understanding of the art of the possible, and the urgency of the non-military threats to America.

We are optimized for State Targets, Incompetent at Individual Targets



Here is a view of the profound change in our information challenge--we are now at a point where we need to respect and understand individual human beings as the basic unit of measure in devising all of our policies as we seek to eradicate all ten threats to humanity and to our Republic.

Failure to Access Totality of Human Intelligence is a Sucking Chest Wound



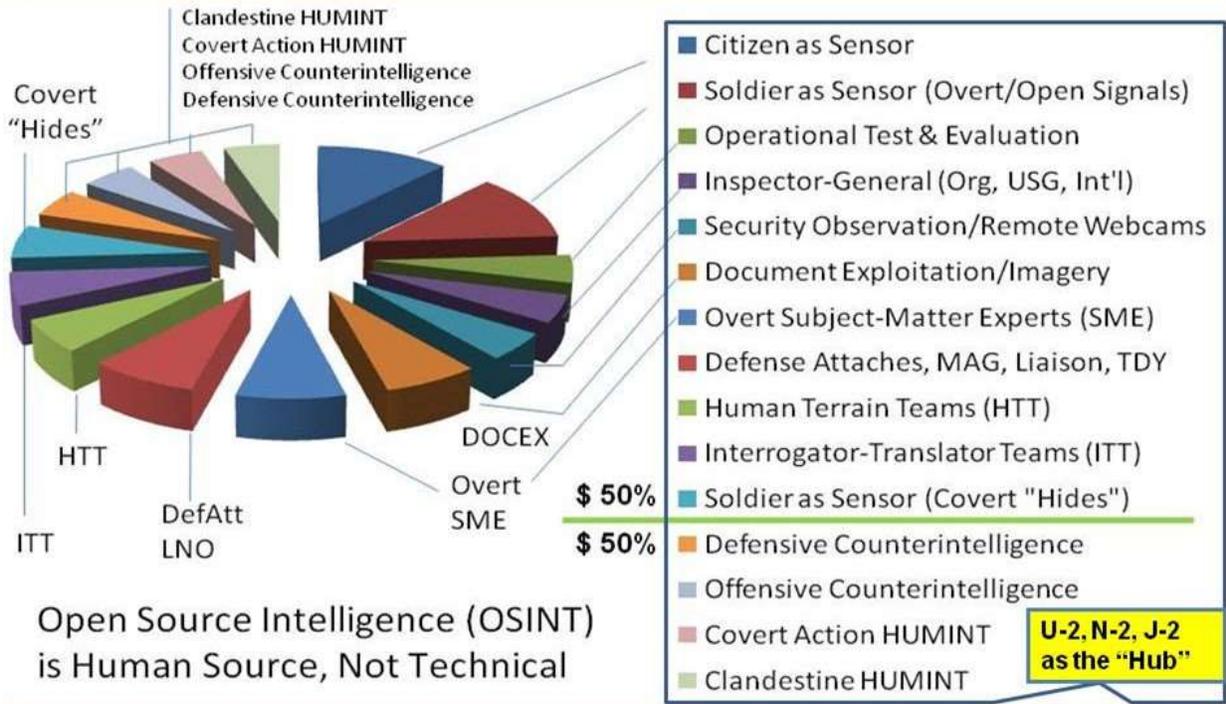
This simplified chart sums up what has been amply demonstrated in study after study—there is an information explosion that is logarithmic in nature, while our investment in information and communication technologies (ICT) has been arithmetic.

Our investment in OSINT has been virtually non-existent, running roughly at one half of one percent to no more than one percent of the total secret budget.

This is a sucking chest wound. USD(I) Actual and the Director of DIA need to pay attention NOW.

“Full Spectrum” Human Intelligence Includes Most OSINT

“Full Spectrum” Human Intelligence

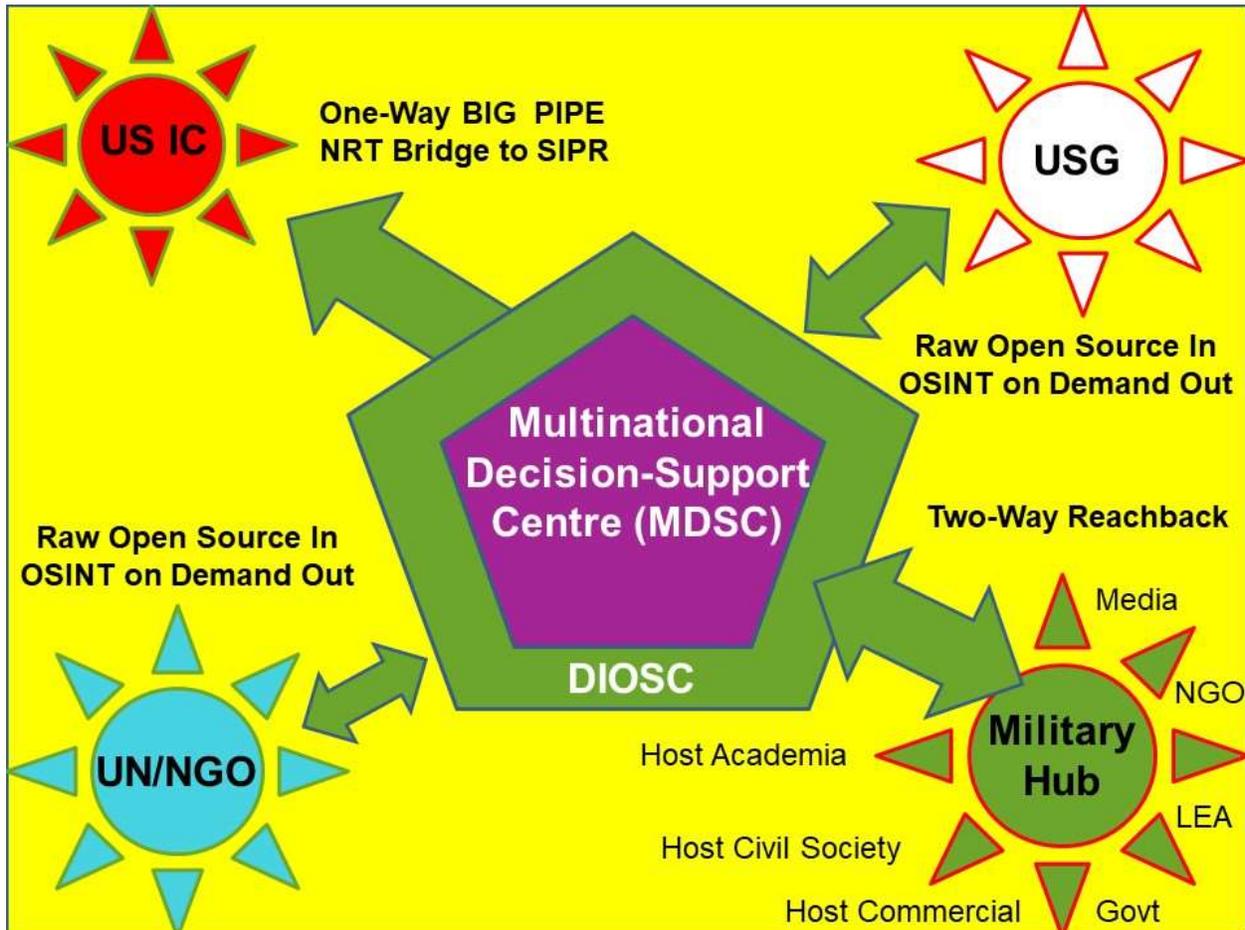


Education, Lessons Learned, Research, & Training are Foundation for Intelligence

It merits comment:

- 1) OSINT is a human collection discipline, not a technical processing sideshow. The sooner USD(I) and DIA get that right, the faster we can progress.
- 2) Clandestine and covert HUMINT desperately need an OSINT foundation to make the kind of advances now being called for.
- 3) DH could serve as a god-father to a new DIA Directorate, DO. The DO should be co-equal to and deeply in harmony with DH, DX, and DI.

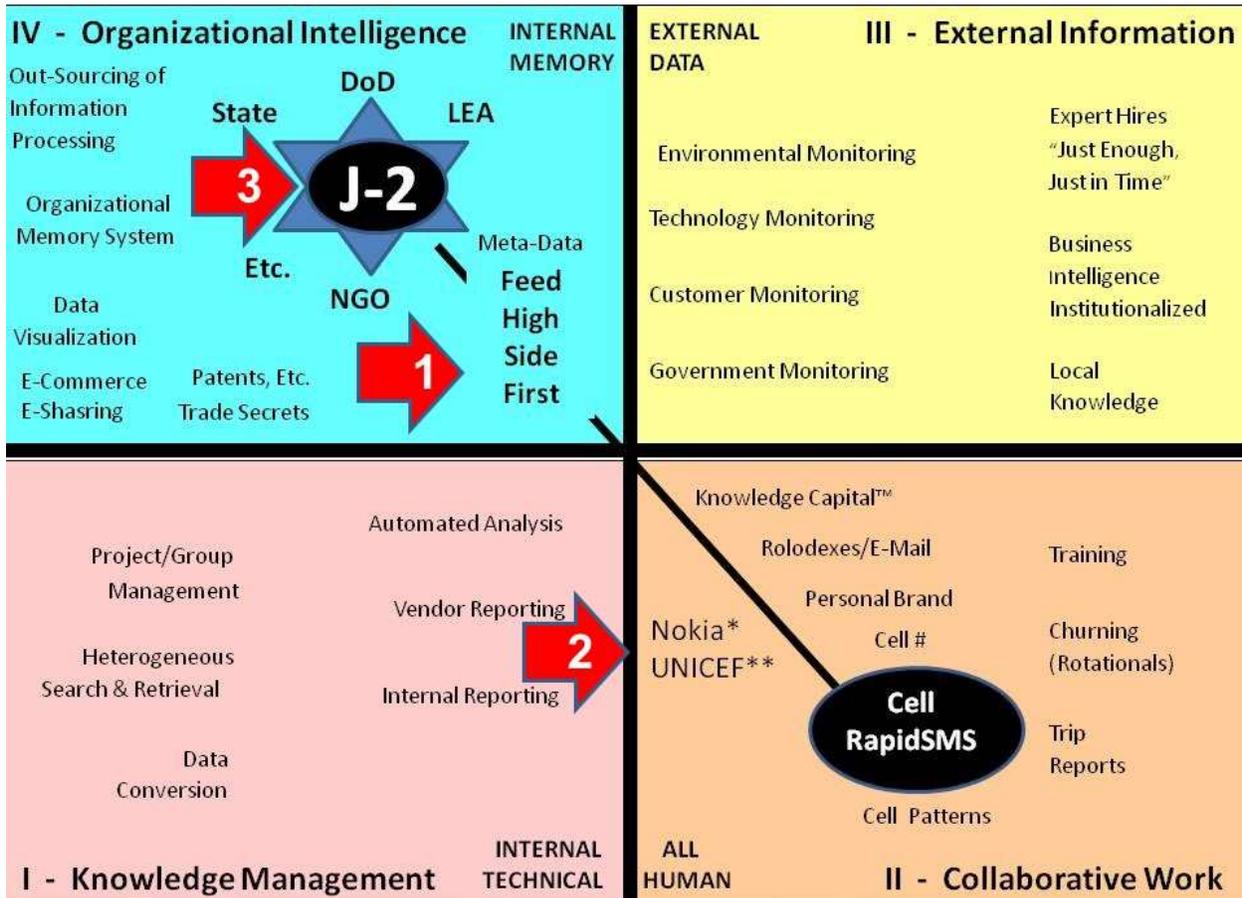
Defense Open Source Intelligence Center / Multinational Decision-Support Centre



There is no faster better way to make OSINT properly available to all policy, acquisition, and operations leaders and their staffs than by creating a Defense Open Source Intelligence Center. It should have embedded within it a Multinational Decision-Support Centre commanded by a foreign officer, able to produce unclassified decision support while also attracting all possible open source information from all affiliated countries.

This is a home run—a very large NRT feed to the high-side; diversified detailed OSINT for USG Whole of Government operations; AND stabilization and reconstruction, humanitarian assistance, and disaster relief decision support to the UN and NGOs. In return they give us access to their raw data. On top of this we use two way reach-back military-to-military in a new global grid that is mostly unclassified but can support secret and top secret riders.

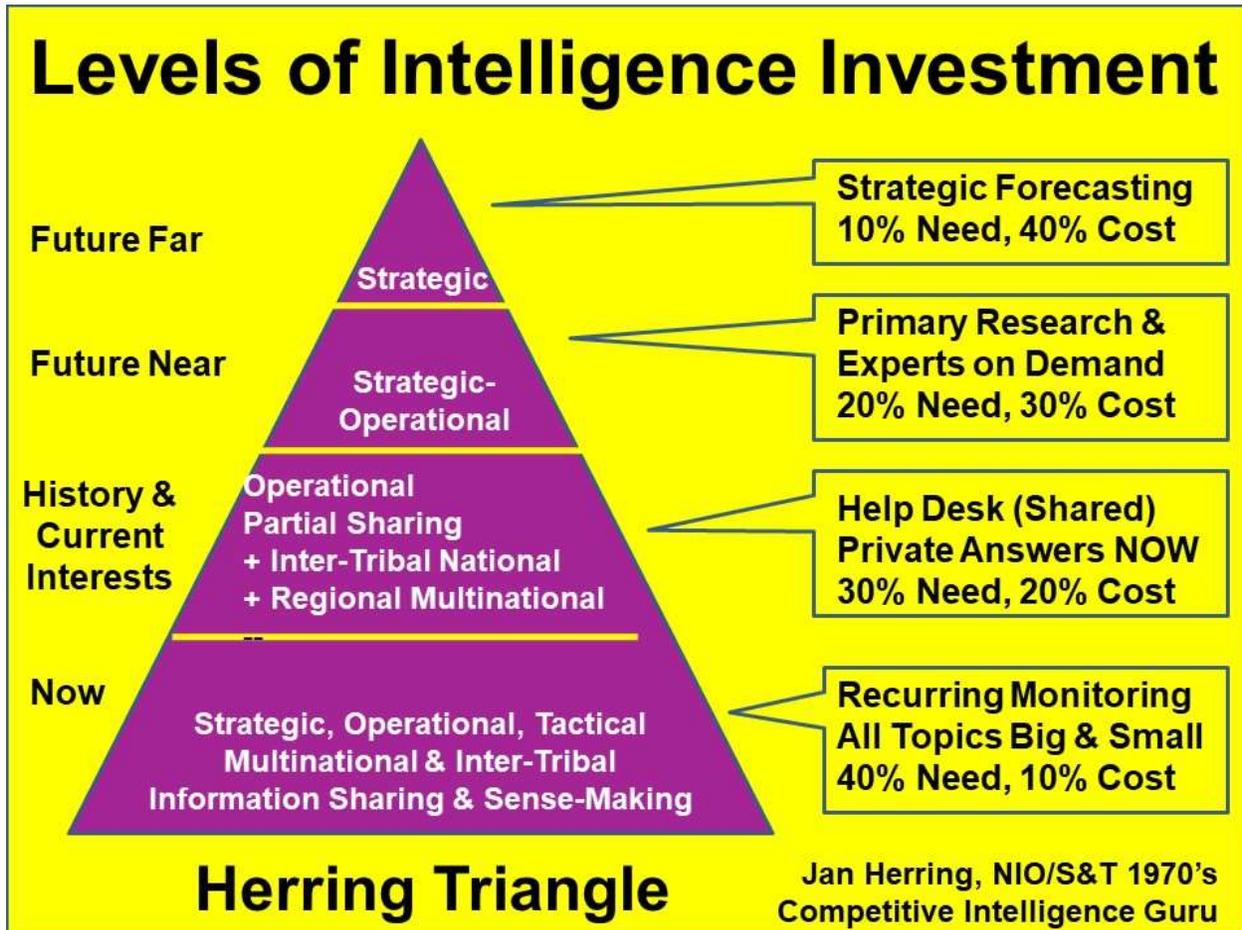
Four Quadrants of Knowledge – We Stink In Three of Them



* Nokia phones charging on ambient waves. UNICEF expand RapidSMS to all UN/CA data inputs.

This chart represents decades of engagement in both secret and commercial intelligence. Just look at it more simply as four quadrants and note the three arrows. Most of the world and certainly the USG is in Quadrant I, and doing badly. The young digital natives are in Quadrant II, and conventional organizations fear what they do not understand here. The best of the commercial intelligence firms have been in Quadrant III for over a decade, able to get “just enough, just in time” data from anyone anywhere. Finally, we have Quadrant IV, no one is there that we know of, but this ideal has been recognized since Harold Wilensky wrote the book by this title, Organizational Intelligence, in 1967. A DIOOSC can make all of this happen for DoD and DIA, safely and inexpensively. We can deliver to the high side; capture call cell phones as data entry devices; and channel unclassified inter-agency and coalition support via the J-2 of every command.

Four Levels of Intelligence Investment (Herring Triangle)



This slide was created by Jan Herring, the *first* National Intelligence Officer for Science & Technology (in the 1980's), and today a partner in the Academy of Competitive Intelligence, which I recommend to all of you.

I use this slide to point out that the bulk of what we need to do our jobs is both inexpensive, and easy to share.

It also portrays a simple yet sophisticated means of assuring USD(I) and the Director of DIA that all four needs will be attended to and provided for in our planning, programming, and budgeting system.

10 High-Level Threats to Humanity – We Ignore Eight of Them

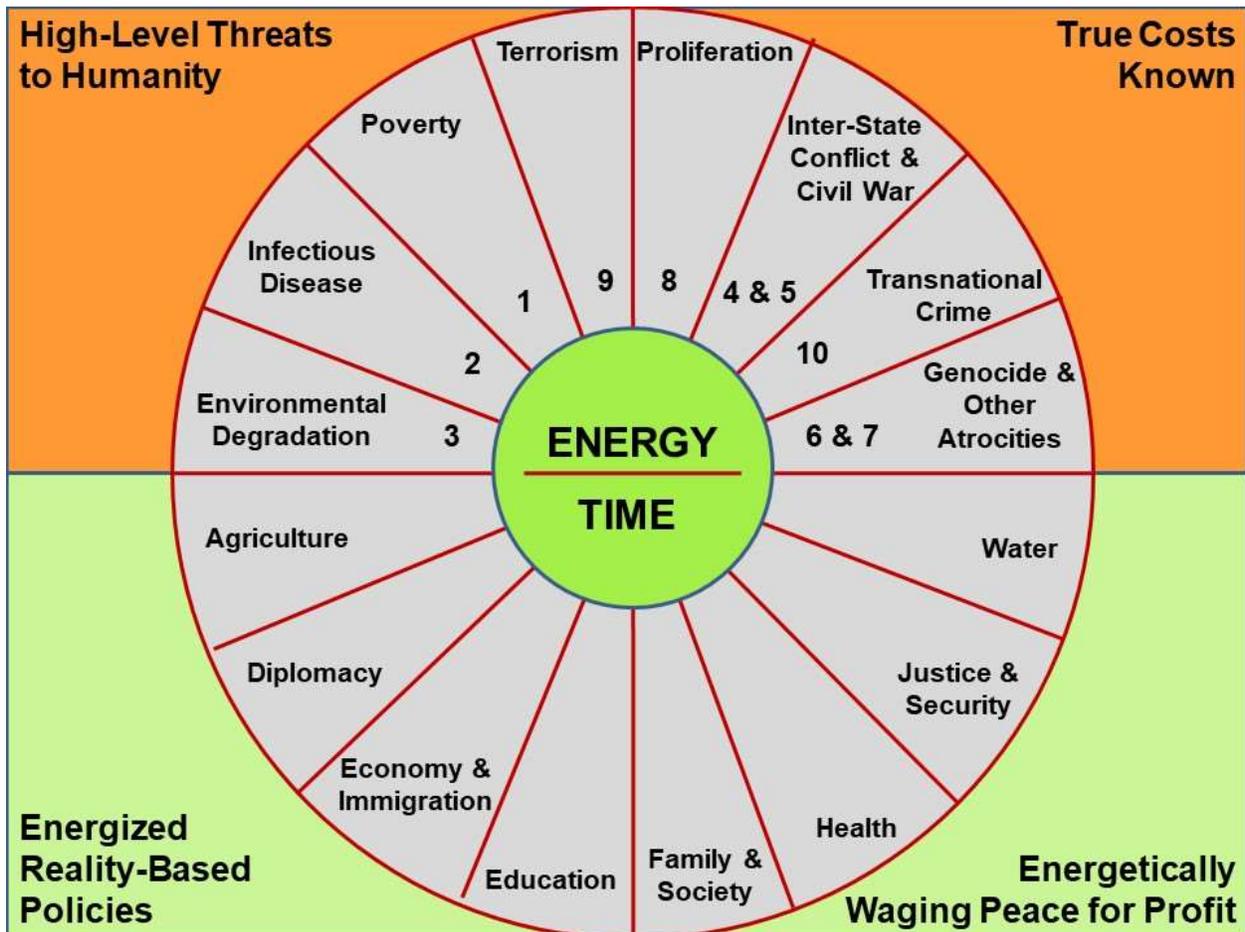


This is my newest analytic model, inspired by the UN High-Level Panel on Threats and Challenges. The 12 core policy areas were culled from the last four or five Presidential transition team endeavors.

Finally I thought about what countries are certain to define the future on the basis of demography alone, and came up with these. Wild Cards are many, including Malaysia, Pakistan, and Turkey, the Congo and South Africa, and Denmark with respect to the emerging Northern resource arena.

In this context, focusing all of our intelligence and most of our defense acquisition on the two red zeros makes no sense at all.

Concept for Holistic Analytics



I created this chart to illustrate how 21st Century analysis must be done, fully integrating an understanding of all the threats (for example, poverty does more environmental damage than willful corporations), and how all of the policies interact with one another and must be harmonized—for example, using water to flush oil tar and grow grain for fuel is about as foolish as anyone can get.

It's all connected, it is time we start doing holistic analysis that REDUCES the burden on traditional defense by mounting a full-court press by Whole of Government to influence other people's budgets and behavior in constructive ways.

Re-Focusing Defense Intelligence on HUMINT-OSINT

Re-Focusing Defense Intelligence Center Collection on HUMINT-OSINT



1. Directorate of Open Sources & Methods (DO)
2. DH to status as "god-father" of DO
3. Global Virtual Translation Network within DO
4. New ATL/OTE and IG Support Branches
5. Plan for MILCON OSINT/MDSC Center in NCA
6. Create Peace Support Network with USIP
7. Civil Affairs Brigade Integrated into ConOps



1. Office of Information-Sharing Agreements
2. Co-located with NDIC and Library
3. Multinational Decision-Support Centre (MDSC)
4. Brief 90 Nations, invite 1-3 person rotationals
5. Create unclassified "pit"/"cave" at MDSC
6. Create NRT feed of all DO raw information to SIPR
7. Create Multinational Analytic Support Brigade

This is the first of three slides oriented toward the Director of DIA.

HUMINT and OSINT are the center of gravity for the future of defense intelligence as well as the future of inter-agency and coalition intelligence. MASINT should become a bill payer while DIA moves its analytic cadre to the next level with vastly improved HUMINT-OSINT Outreach and virtual integration across all boundaries.

Re-Structure Defense Intelligence: Organizational Intelligence Through Processing

Re-Structuring Defense Intelligence Organizational Intelligence through Processing



1. DoD Does Not Do Any of These Well
2. DIA Has a Chance to Create a Pilot that Does
3. Cell Phones and Rapid SMS are the Field Key
4. Harvesting Commercial Information Also Key
5. DIA is Can Pioneer Organizational Intelligence
6. Africa, Central Asia, South America all Prospects
7. We Can Demonstrate Kinetic Value of OSINT

Levels of Intelligence Investment



1. OSINT Program Line Will Allow Fresh Start
2. Get Allocations Right in First Place
3. Strategic Forecasting with EarthGame
4. Global Intelligence Council, Multinational
5. Global Help Desk within DIOOSC and MDSC
6. Global Network of Issue Monitors Online
7. Common Global View of the Battlefield

We have to recognize Organizational Intelligence as an objective, as the focus on our transformation and innovation. We can get there from here easily, all it requires is leadership and a shared mind-set. We are not processing nor do we have a processing mind-set that lends itself to one time data entry, universal access there-after.

Similarly, we must restructure to provide for all four of our defense intelligence needs areas. We have neglected the top three and do the fourth very badly. We can fix all four within 90-180 days.

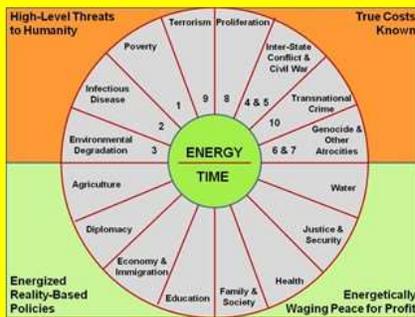
Re-Vitalizing Defense Intelligence: Analytics Must be Whole, In Depth

Re-Vitalizing Defense Intelligence

Analytics Must be Whole—In Depth



1. QDR Will Get It Wrong Without Integral Analysis'
2. DoD Today Optimizes for 10% of the Threat
3. DoD Today Obsessing on Two Small Boxes (0)
4. Ten High-Level Threats Demand DoD Respect
5. Twelve Policies Reduce DoD Exposure & Expense
6. Eight Challengers will Determine the Future
7. What We Can Do Is Show Them the Way Forward



1. Holistic Analysis Centered on Energy
2. Threats are Related to One Another
3. Policies Must be Harmonized within USG
4. Spending Must be Harmonized by Issue Area
5. USG Can Use OSINT to Influence Others' \$\$\$
6. Global Range of Needs Table Available
7. Information Peacekeeping & Arbitrage

Lastly, using defense intelligence analysts as the hub, we must create a new craft of intelligence analysis, of analytic tradecraft, that REDUCES the burden on defense by assuring holistic Whole of Government and Whole Earth warning as well as solid analysis to identify opportunities for what General Al Gray called “peaceful preventive measures.”

History & Recommendations

History

1. OMB Staff OK with \$125M/Year IOC
2. USD(I) Offered USSOCOM \$2B/Year FOC
3. OSINT Moribund Since BGen Stewart left
4. Convergence of Players Occurring

Recommendations

1. DIA elevate DIOSPO to Direct Report/DO
2. OSINT Program Line Across DoD
3. \$125M IOC from 1 October 2009
4. USMC and USSOCOM as Pilot Partners
5. MILCON for Quantico OSINT Center
inclusive of Multinational Decision-Support Center

The stage is set. Joe Markowitz and Robert Steele visited OMB and Kathleen Peroff and her counterparts for State and Defense understand the deal. Sean O’Keefe, as DD/OMB, told Don Gessaman that \$125M was a good IOC, and planned a Presidential Initiative before he moved to NASA and we lost ground.

Our recommendations are straight-forward. We can do this, we can do this fast, and we can do this very, very well.

All we need is two words: **“Do It.”**