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2016/02/07

2017 Robert Steele: OSINT Done Right

Briefings & Lectures



Robert David Steele

SHORT URL: <http://tinyurl.com/2017-OSINT>

Robert David Steele, the founder of the modern Open Source Intelligence (OSINT) movement who is also the foremost proponent for Open Source Everything Engineering (OSEE) and the creation of a national Open Source (Technologies) Agency, is now available via direct hire or via multiple contract vehicles in the US (including GSA and INSCOM) to do NOCONTRACT Non-Publicity reviews of existing OSINT programs or help design new and expanded OSINT programs inclusive of shared access to the new non-profit multinational network, ZULU GRUB. Contractors desiring to protect their option years from cancellation can be assisted toward full competency across all aspects of both Passive and Active as well as Black OSINT.

Passive OSINT is operating at perhaps 30% of its potential, failing to leverage all of the sources and tools that are available if one knows how to find them.

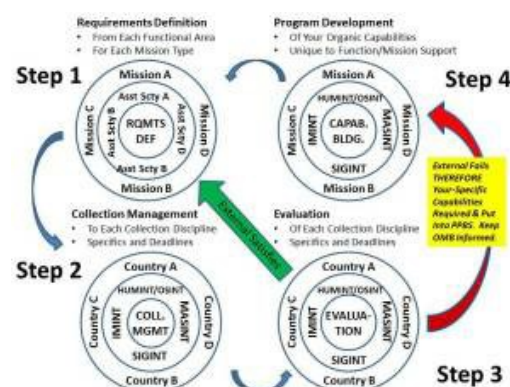
Active OSINT has been completely trashed — even direct surveys of indigenous

foreign personnel, when done, are corrupt and misleading. An opportunity now exists for both the US Government — and particularly all those including Special Operations Forces who see that they are either receiving nothing from secret intelligence or 4% “at best” of their needs & feeds from secret intelligence — to reinvent intelligence. OSINT Done Right can radically enhance strategy, policy, operations, and acquisition, while radically lowering the costs of enhanced mission accomplishment.

Black OSINT is simply incompetent. Neither the government nor the contractors have any idea how to execute untraceable cyber-operations. US Army “white” computers scream out their CONUS origins and every existing contractor has made at least three fundamental mistakes that easily reveal their true names and purpose.



[Click on Image to Enlarge](#)



[Click on Image to Enlarge](#)

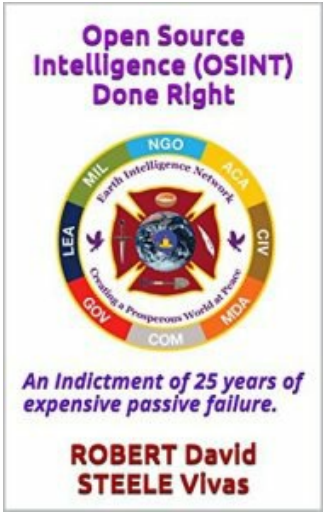
As a sideline, organizations with strategic, operational, tactical, and technical requirements for all source intelligence can be taught how to quickly establish their own collection requirements and evaluations staff that documents the failure of the secret intelligence community to meet their needs from week to week. Within 90 days, this will lead to a Congressional awareness of the need to shift money from secret sources controlled by others to open sources controlled by the consumer.

The new conference planned for December 2017 has many of the speakers already confirmed, and an appreciation for all that is not being done can be gained by reviewing that website, ose-21.org. Nominations for awards (some are doing brilliant work in isolation), exhibits, and speakers are still open. Contributions to the new OSINT Handbook and the new OSINT Tool-Kit (free

integrated open source on a flashdrive, TOOZL 4.0) are invited. Individual speakers shown at the website — and many other top minds not now consulted by the intelligence producers and consumers (many of the latter not receiving any form of intelligence or decision-support) are individually available to assist those willing to learn, in advance of the event, via video-conference or through on site training and hands-on demonstrations.

Robert is based in Oakton VA. His primary web site, <http://robertdavidsteele.com>, includes a [Contact](#) page.

Below is the “new start” briefing funded by the government of Denmark; a Danish video interview and a Danish video of the entire briefing as delivered are linked at the end of the page. See also [Reflections: Philosophy of Intelligence](#)



Amazon Page

Preface

The below briefing has been funded, approved and was delivered in its present form, in April 2016, to the military, police, and national intelligence services of Denmark. Both were also presented in Norway, but less formally. As NATO and a number of countries “re-think” Open Source Intelligence (OSINT), this briefing and the related white paper linked below, should help focus on the essentials that have been neglected for the past quarter century.

Introduction

2013 BGen James Cox, CA (Deputy NATO N-2 who oversaw creation of NATO OSINT from 2000):

The process, to my mind, simply stopped at ‘OSINFO’ and never got to ‘OSINT.’

Even today, I think this is still a problem in most ‘modern’ intelligence staffs. People think that simply collecting open source info – although now from a wider range of sources – is OSINT, when I say it is not. It’s like collecting satellite pictures and calling them IMINT ... the job isn’t

done until they are analyzed and an assessment made.

If I was king of the world, I would build an OSINT organization to rival existing national SIGINT organizations (CSEC in Canada, NSA in US) and HUMINT organizations (CSIS in Canada, CIA in US). This OSINT organization would be in a number of big buildings around the country, tapped into all the sources you have long written about (media, experts, academia ... all tribes) AND they would produce magnificent ‘single source’ OSINT products that could be added to SIGINT, HUMINT, IMINT etc. products at the national level.

Given the power and range of today’s global communications, I suspect OSINT products would be more complete and powerful than any other single source product.



Click on Image to Enlarge

I have prepared 40 slides to deliver in 40 minutes, leaving 20 minutes for questions now, and then we can discuss details in the working groups and if desired later via email or skype. You will not have time to read every word – I am delivering impressions from 25 years of work as the primary pioneer in this field, you can study the briefing in detail later, my planned words are in Notes format at the tiny url shown here – 2016-OSINT.

Plan for the Brief

Plan for the Brief

- **WHY**
 - Secrets cover 4% “at best” of what we need
 - Most threats are not military in nature
 - All policies demand open discussion for effect
- **HOW**
 - OSINT is HUMINT not TECHINT
 - Craft of Intelligence – process – is IMPORTANT
 - 80% of OSINT demands out-sourcing to individual humans and money with which to pay them

Click on Image to Enlarge

Click on Image to Enlarge

This is the plan for the brief. I will be showing some complex graphics you can return to later on your own. For today the key points are these.

PAUSE

The Tribes of Intelligence

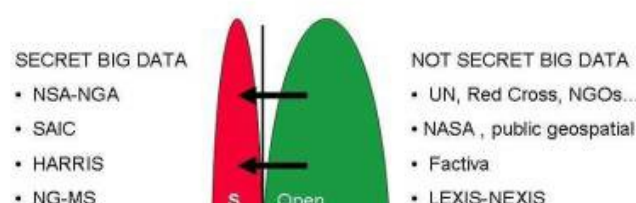


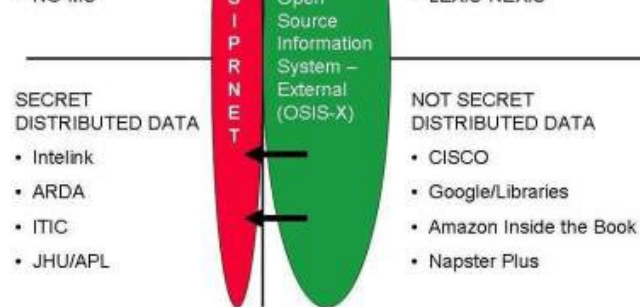
Click on Image to Enlarge

Alvin Toffler helped me create this slide. We were returning from a lunch with US defense intelligence leaders when he turned to me and said “they don’t want to leave their little green box.” I instantly visualized this.

Two points: OSINT is about harvesting ALL of this information outside the green box. And second, at the policy level, it is vital that we understand competing interests.

Data Big and Small, Secret and Not Secret

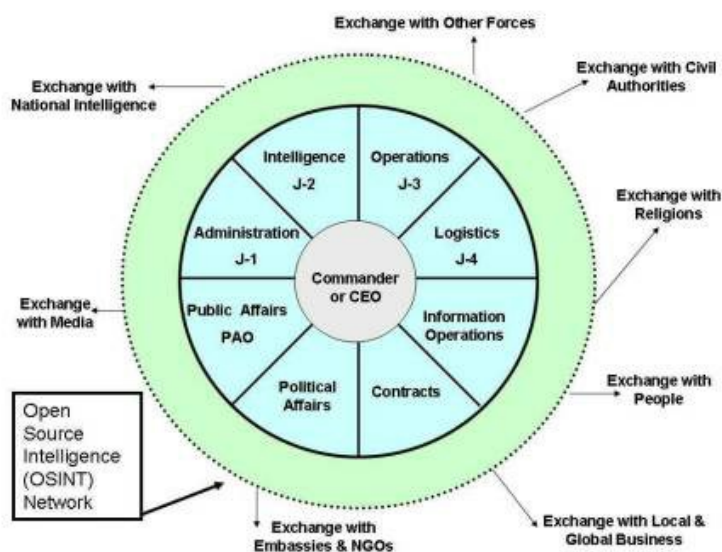




[Click on Image to Enlarge](#)

My first book was entitled *ON INTELLIGENCE: Spies and Secrecy in an Open World*. My core concern today is that the US has corrupted NATO intelligence by over-emphasizing secret technical collection that is not processed, and neglecting everything else. There are major centralized and distributed repositories of OSINT that we should not ignore.

OSINT as a Buffer for Two-Way Sharing



[Click on Image to Enlarge](#)

LtCol Gary Beaver, USA gave me this concept, this is how he used OSINT in Bosnia, as a buffer zone to enable information sharing operations with external elements.

PAUSE

The Intelligence Sense-Making Challenge

Intelligence Challenge	What Do We Need to Know?
1 st Generation (Attrition)	EASY: Where's the Army?
2 nd Generation (Maneuver)	EASY: Where are the trenches?
3 rd Generation (Soft Power)	MODERATE: How many with what?
4 th Generation (Non-State)	HARD: Watch every non-state actor
5 th Generation (Cyber)	HARD: Watch everything on the fly
6 th Generation (Bio/IO)	HARD: Make sense of billions of bits
7 th Generation (Total War)	VERY HARD: 24/7 33+ languages and get your own house in order. As quickly as possible, 183 languages going back 200 years.

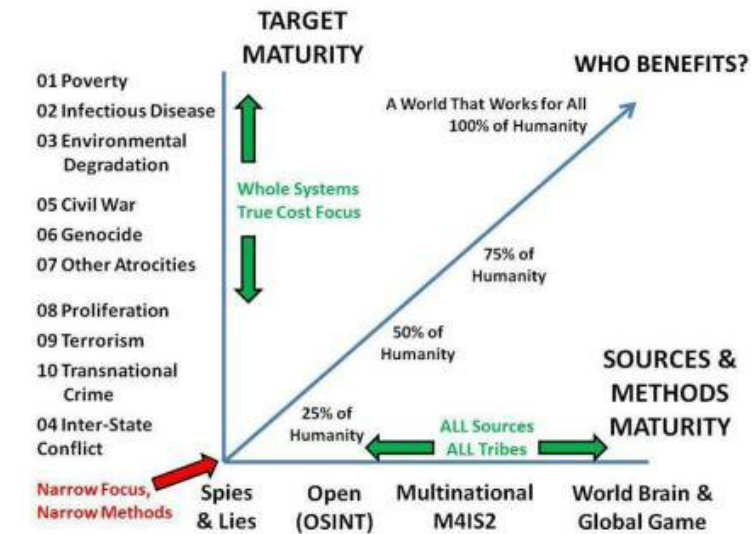
[Click on Image to Enlarge](#)

As war has grown more complex, intelligence has failed to adapt.

I'll give you a moment to look at this graphic.

The harsh reality is that OSINT is the only source able to answer 80% or more of our commanders needs as well as acquisition, policy, and strategy needs.

Intelligence Maturity – My Vision

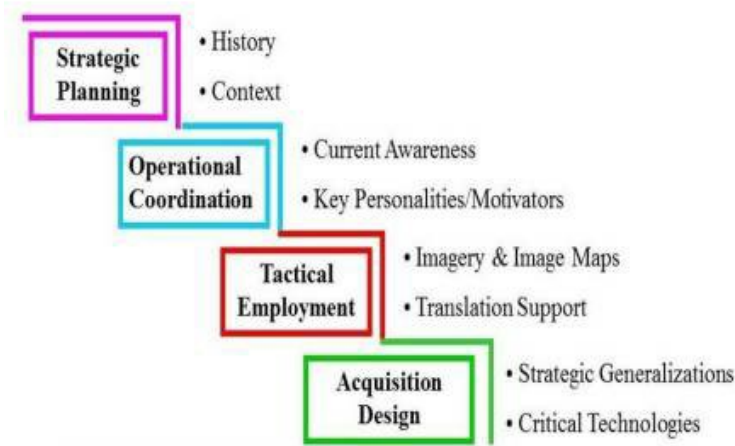


Click on Image to Enlarge

This is my latest depiction of where we are in relation to where we need to be.

We are not serious about understanding and defeating all ten high level threats to humanity, and we are not serious about creating deep OSINT, multinational multilingual information sharing and sense-making, or my ultimate desire, the world brain and global game – that connects all minds to all information all the time.

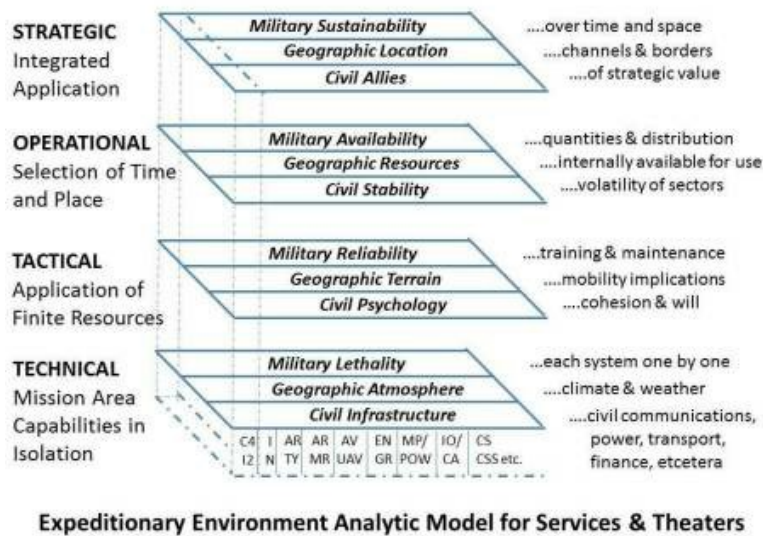
OSINT and the Four Levels of Analysis



Click on Image to Enlarge

In 1997 I was honored by General Peter Schoomaker, then Commander in Chief of the US Special Operations Command, and later Army Chief of Staff. This is the slide that led him to order the creation of the J-26 unit. At its height with 22 employees and \$5 million a year in discretionary funding, it was answering 40% of all Special Operations intelligence requirements for the entire world, against 60% at a cost of billions from the secret world. PAUSE

The Expeditionary Analytic Model



[Click on Image to Enlarge](#)

In 1988 the Marine Corps pulled me out of the CIA and made me the senior civilian responsible for creating the Marine Corps Intelligence Center – our primary duty was acquisition intelligence. This is the model I created for studying the real world. The real world is hot and humid with bridge loading limits of 30 tons or less, limited line of sight distances, and poor cross-country mobility. I provide a link to the study on the last graphic.

Conventional versus Emerging Threats

Conventional Threat

- Governmental
- Conventional/Nuclear
- Static Orders of Battle (OOB)
- Linear in Development
- Rule of Engagement (ROE)
- Known Doctrine
- Strategic Warning
- Known Intelligence Assets

Emerging Threat

- Non-Governmental
- Non-Conventional
- Dynamic or Random OOB
- Non-linear Development
- No Constraints (ROE)
- Unknown Doctrine
- No Established I&W* Net
- Unlimited 5th Column

* Indications & Warning

OOB: Order of Battle --- ROE: Rules of Engagement

[1989 General AI Gray on Global Intelligence Challenges](#) (*American Intelligence Journal*)

[2014 On Defense Intelligence: Seven Strikes](#) (*CounterPunch*)

[Click on Image to Enlarge](#)

[1989 General AI Gray on Global Intelligence Challenges](#) (*American Intelligence Journal*)

[2014 On Defense Intelligence: Seven Strikes](#) (*CounterPunch*)

In 1989, based on my experience with the new model, I ghost wrote for the Commandant an article sounding the alarm on emerging threats and calling for third world appraisals needed to justify peaceful preventive measures such as would have prevented ISIS and the illegal immigrants. We were ignored. The American “way of war” is expensive, technical, and counter-productive. It has corrupted NATO.

Preconditions of Revolution

	Political-Legal	Socio-Economic	Ideo-Cultural	Techno-Demographic	Natural-Geographic
Perception	Isolation of elites; inadequate intelligence	Concentration of wealth; lack of public discourse	Conflicting myths; inadequate social cohesion	Acceptance of media distortions; inadequate education	Reliance on single sector of product; concentrated land holdings
Identity	Lack of elite consensus; failure to define priorities	Loss of economic initiative; failure to do balanced growth	Loss of authority; failure to provide and foster national myth system	Failure to accept and exploit new technologies and new groups	Failure to integrate outlying territories into national system
Competence	Weak or corrupt	Break-down of social cohesion	Humiliation of national elite	Failure to enforce discipline with	Failure to enforce discipline



Another area where OSINT is fundamental is in relation to the new reality that war is less about state on state military power and more and more about distributed individuals each capable of shutting down entire power and communications and water networks.

Ultimately OSINT is about turning every citizen into an intelligence minuteman, and being on guard, openly, all the time.

Four Major Belligerent Groups

Four Major Belligerent Groups in Earth Context

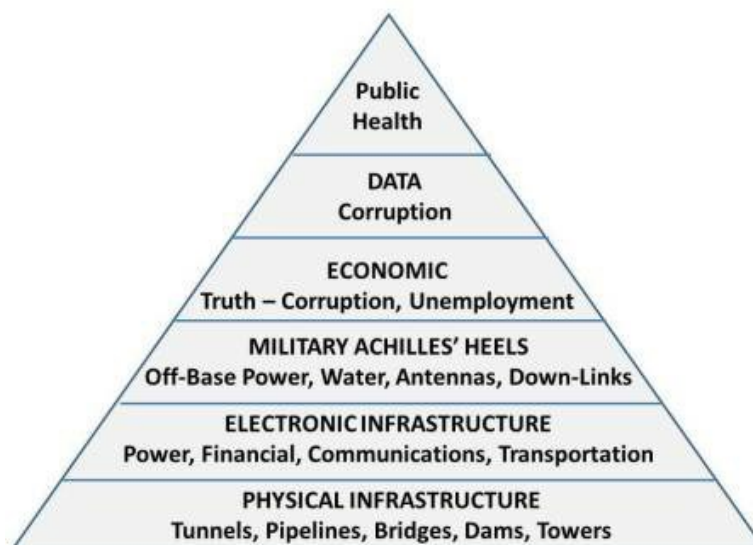


Click on Image to Enlarge

This depiction of the four major belligerent groups further emphasizes the vital nature of OSINT for state security.

We have failed to be serious about creating orders of battle for non-state actors. We have failed to be serious about counterintelligence against non-state threats to the state and the society.

Homeland Security Threats

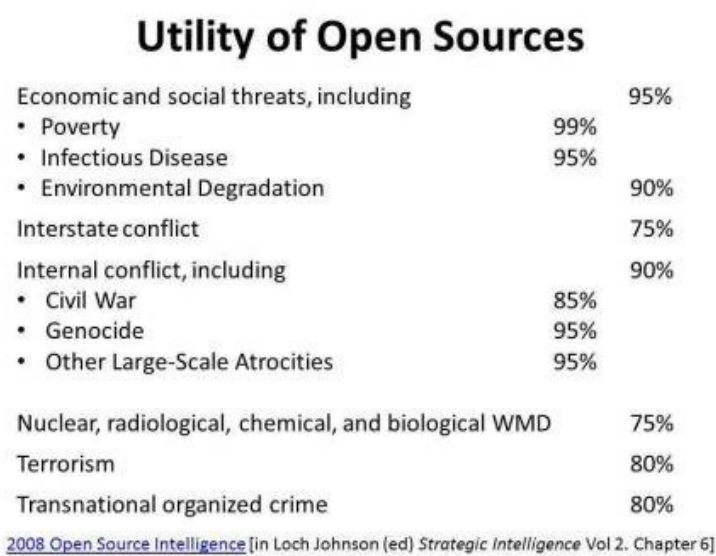


Click on Image to Enlarge

Homeland defense is vastly more important today. I was the author of the letter to the White House in 1994 sounding the alarm on cyber-vulnerability, with three co-signers including the top NSA security engineer and Winn Schwartau. We were ignored. For the past 25 years we should have been fortifying all cyber-systems – instead we allowed NSA and US IT CEOs

to handicap and sabotage cyber-security for their convenience.

Utility of Open Sources Against Ten High-Level Threats



Click on Image to Enlarge

2008 Open Source Intelligence [in Loch Johnson (ed.) Strategic Intelligence Vol 2 Ch 6]

Here I offer my estimate of the utility of OSINT against each of the ten high level threats to humanity as identified by LtGen Brent Scowcroft, USAF (Ret) and other members of the UN High-Level Panel on Threats, Challenges, and Change, as it reported out in 2004 in a book entitled *A More Secure World: Our Shared Responsibility*. It is not possible to be a Smart Nation or a Safe Nation without a major investment in OSINT.

Definitions within Open Source Intelligence

Definitions

- OSD - Open Source Data
- OSIF - Open Source Information
- OSINT - Open Source Intelligence
- V-OSINT Validated Open Source Intelligence

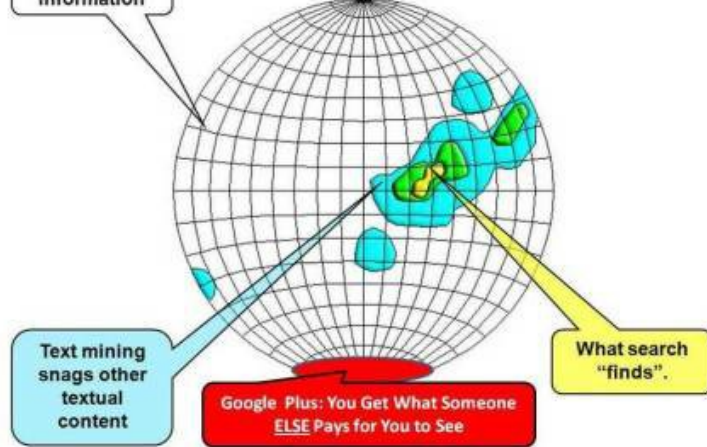
Click on Image to Enlarge

Most OSINT is not OSINT. To qualify as intelligence or decision support it must answer a question from a specific person. I learned that to make peace with the CIA we had to distinguish between OSINT that any commercial provider can create, and Validated OSINT that only an all-source government analyst can bless, saying we concur, or at least, we do not have a basis for disagreeing.

OSINT Done Wrong (NATO-American Approach)

NATO-American Approach to OSINT

A universe of information

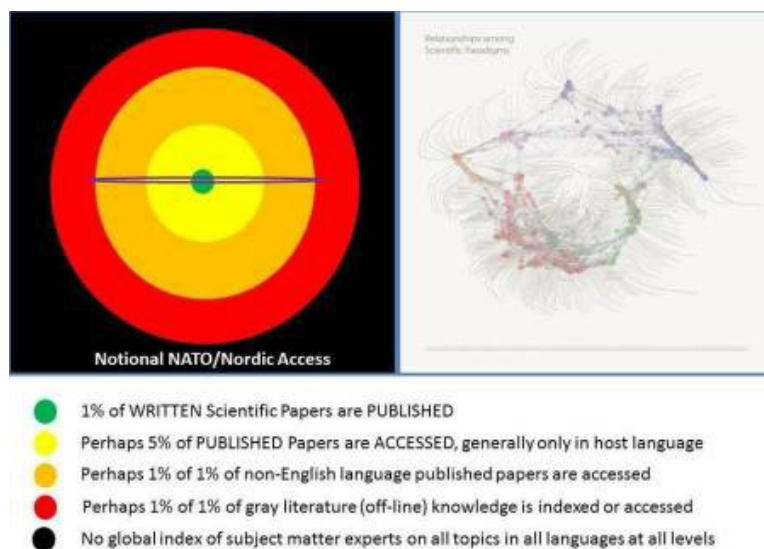


[Click on Image to Enlarge](#)

I modified this graphic from Stephen E. Arnold. The fact is that the NATO-US approach to OSINT merely skims the surface, like the drunk looking for his keys under the light. Google indexes less than 4% of the web and nobody is indexing the analog information or the unpublished information.

Worse, Google manipulates search results depending on who pays to be seen.

1% (Published) of 1% (Written)

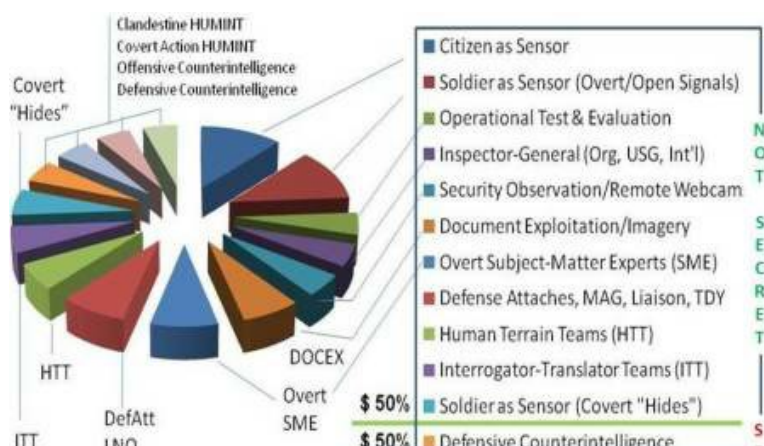


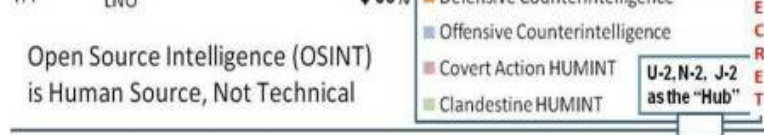
[Click on Image to Enlarge](#)

Here is a deeper look at this challenge. Only 1% of WRITTEN scientific papers are PUBLISHED. It only gets worse when you consider foreign languages and whether researchers will perform due diligence.

On the left is the fragmentation of the scientific community, an archipelago of isolated fiefdoms where a PhD can be earned knowing everything about nothing and nothing about everything.

OSINT is HUMINT – Fifteen Slices of HUMINT

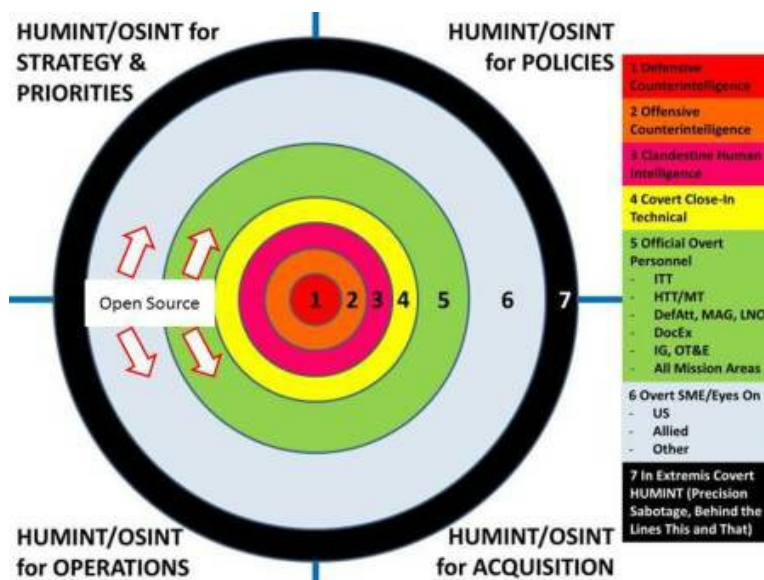




[Click on Image to Enlarge](#)

I was interviewed to be the senior defense leader for HUMINT, and this was my vision. I was not selected – they wanted someone who would focus only on stealing secrets. The fact is that HUMINT consists of at least fifteen slices, only four of which are secret. It is irresponsible to not manage all HUMINT together, and I would emphasize that OSINT is HUMINT, not TECHINT. My monograph is free online at <http://tinyurl.com/Steele-HUMINT>.

Integrated HUMINT/OSINT for Four Levels of Analysis



[Click on Image to Enlarge](#)

Here is another way of looking at the centrality of OSINT in relation to both secret intelligence and counterintelligence, and the ultimate combat mission of sabotage behind enemy lines. PAUSE Please note that OSINT (and all-source intelligence) should be organized to support strategy, policy, acquisition, and operations. I don't know of anyone doing this correctly.

Eight Information-Sharing and Sense-Making "Tribes"



[Click on Image to Enlarge](#)

You will recall the isolated boxes from the beginning of my remarks. Here I show the eight tribes of information, emphasizing that government is the smallest and least informed tribe. We cannot do OSINT without harnessing what these other tribes can access – and most of them do not like us, do not trust us, and do not want to share.

Academic: all academics, accessing all their knowledge both published and unpublished.

Civil society: includes labor unions and religions as well as activists

Commerce: especially small business, rarely heard by government, includes professional information brokers and private investigators

Government: especially local government, rarely heard by national government

Law enforcement: they have a grip on “ground truth” as home

Media: including bloggers and especially the best of the investigative journalists

Military: including gendarme and national guard

Non-Government/Non-Profit: deep unpublished knowledge not heard by government

The Herring Triangle of Costs versus Focus



[Click on Image to Enlarge](#)

This graphic was created by Jan Herring, the first National Intelligence Officer for Science & Technology in the US, in the 1970's. We still do not do this.

Note that OSINT can become secret.

Note the ratios of need versus cost.

We can discuss this further in our follow-on discussion.

Standard OSINT Cell – Six Specialists



Six people can harvest the external world of knowledge if they know what they are doing and have the money with which to leverage intermediaries as well as reward individual human elements as needed.

Collection Manager needs to have the confidence of the secret world and to hear their requirements in classified terms.

Internet Out-Sourcing Specialist leverages thousands of different softwares and skill sets as needed.

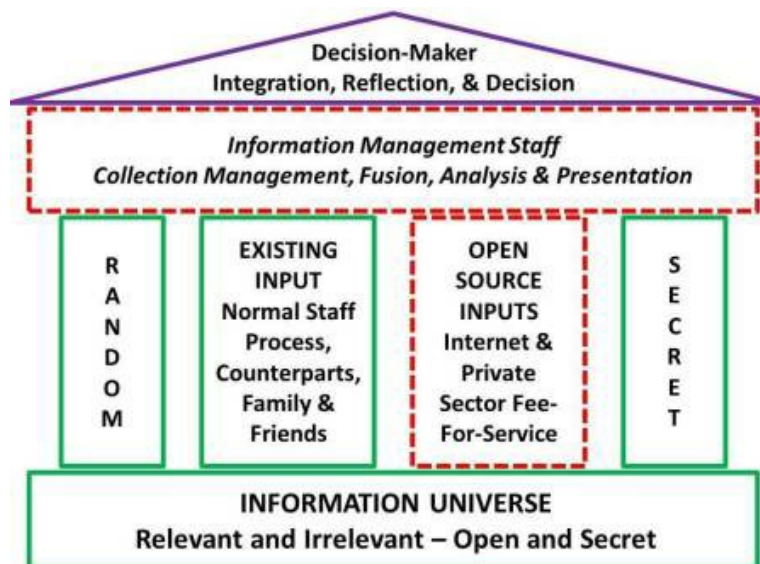
Commercial Online Out-Sourcing Specialist leverages hundreds of different database and language and subject matter search specialists.

Primary Research/Cover Support Plan Specialists manages tens if not hundreds of channels for hiring people directly, one at a time subject matter experts, information brokers, private investigators, free lance journalists, and more.

Financial Officer has the authority to spend \$2,500 to \$25,000 and with a validating signature from main finance, \$250,000 amounts. Anything over that is pork and waste.

All-Source Analyst and Presentation Manager: needs all classified access to understand the context (and limitations) of what the classified world knows, and to deliver the OSINT in a form must helpful to the all-source analyst(s) integrating OSINT with classified. Responsible for assuring that OSINT product stands alone if it can.

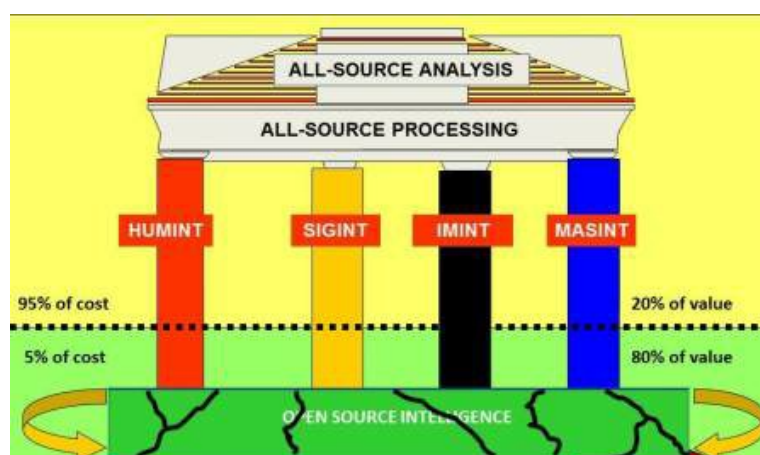
The Secret and Not Secret Information Universe



[Click on Image to Enlarge](#)

This is a quick look at where OSINT fits in relation to secret and existing staff feeds, we cannot under-estimate the impact on the decision-maker of random external influences, it is very important to have a solid grasp of what happens to your information after it is delivered, and to be constantly studying the decision-maker to see if they have been mis-guided by other sources of information including lies from allied services and leaders.

OSINT as a Foundation for All-Source





[Click on Image to Enlarge](#)

This is the original graphic from the 1980's where I tried to explain that OSIF and OSINT are the foundation for the all-source temple.

It makes no sense at all to send a spy where a school-boy can go. We must harness and harvest all of our human resources, and make the most of the least expensive, most open sources and methods.

The Open Source Marketplace

Open Source Marketplace

SOURCES	SOFTWARE	SERVICES
Current Awareness (e.g. Individual Inc.)	Internet Tools (e.g. NetOwl, Copernicus)	Online Search & Retrieval (e.g. NERAC, Burwell Enterprises)
Current Contents (e.g. ISI CC Online)	Data Entry Tools (e.g. Vista, BBN, SRA)	Media Monitoring (e.g. FBIS via NTIS, BBC)
Directories of Experts (e.g. Gale Research, TELTECH)	Data Retrieval Tools (e.g. RetrievalWare, Calspan)	Document Retrieval (e.g. ISI Genuine Document)
Conference Proceedings (e.g. British Library, CISTI)	Automated Abstracting (e.g. NetOwl, DR-LINK)	Human Abstracting (e.g. NFAIS Members)
Commercial Online Sources (e.g. LN, DIALOG, STN, ORBIT)	Automated Translation (e.g. SYSTRAN, SRA NTIS-IV)	Telephone Surveys (e.g. Risa Sacks Associates)
Risk Assessment Reports (e.g. Forecast, Political Risk)	Data Mining & Visualization (e.g. I2, MEMEX, Visible Decisions)	Private Investigations (e.g. Cognos, Pinkertons, Parvus)
Maps & Charts (e.g. East View Publications)	Desktop Publishing & Communications Tools	Market Research (e.g. SIS, Fuld, Kirk Tyson)
Commercial Imagery (e.g. SPOT, Radarsat, Autometric)	Electronic Security Tools (e.g. SSL, PGP, IBM Cryptolopes)	Strategic Forecasting (e.g. Oxford Analytica)

27

[Click on Image to Enlarge](#)

I wrote the *NATO Open Source Intelligence Handbook* in 2000. While good in its time the links are mostly broken and it should be re-done. In my final slide I provide links to the best resources from a few top OSINT practitioners.

What is critical about this graphic is not the detail but the organization. OSINT includes sources, softwares, and services. I give all of them a failing grade for one reason or another, we can discuss this later.

Languages of OSINT

Languages	Machine Translation	Dictionary Online	Human 1 Foreign	Human 2 US-Based	Human 3 Cleared	Countries
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English, French, German, and Russian reporting is – as a general rule – incomplete or wrong.

Arabic, Aramaic, Berber, Catalan, Chinese, Danish, Dari, Dutch, English, Farsi, Finnish, French, German, Indonesian, Irish, Italian, Japanese, Korean, Kurdish, Kurmanji, Norwegian, Pashto, Polish, Portuguese, Russian, Serbian, Spanish, Swedish, Tamil, Turkish, Urdu

Afrikaans, Aimaq, Albanian (Greek), Amharic, Arabic (Andalusi), Arabic (Egyptian), Arabic (Gulf), Arabic (Hassaniya), Arabic (Hijazi), Arabic (Iraqi), Arabic (Levantine), Arabic (Maghreb), Arabic (Maltese), Arabic (Najdi), Arabic (Standard), Arabic (Sudanese), Arabic (Yemeni), Armenian, Assamese, Atence, Azerbaijani, Bai, Basque, Bassa, Bengali, Berber, Bulgarian, Burmese, Catalan, Cebuano, Central Khmer, Chechen, Chinese (Mandarin), Croatian, Czech, Danish, Dari, Dutch, Dzongkha, Edo, Efik, English, Estonian, Éwé, Farsi, Finnish, French, Fulfulde, Gaelic, Georgian, German, Greek, Gujarati, Gurung, Hausa, Hebrew, Hindi, Hungarian, Ikanuri, Ilongo, Indonesian, Italian, Japanese, Japanese, Kabiye, Kabuverdianu, Kannada, Kanuri, Kashmiri, Kazakh, Kirghiz, Khmer, Korean, Kurdi, Kurmangi, Lingala, Latin, Latvian, Lithuanian, Luba-Kasai, Malagasy, Malay, Malayalam, Maldivian, Mandinka, Maninka, Maori, Marathi, Munukutuba, Nepali, Norwegian, Nyanja, Oriya, Panjabi, Pashto, Polish, Portuguese, Pulaar, Romanian, Rundi, Russian, Rwanda, Sango, Sanscrit, Sardinian, Serbian, Sindhi, Sinhala, Slovak, Somali, Sotho, Spanish, Swahili, Swati, Swedish, Tagalog, Tajik, Tamil, Tatar, Telugu, Thai, Tibetan, Tigrigna, Tswana, Tumbuka, Turkish, Turkmen, Ukrainian, Urdu, Uzbek, Vietnamese, Xhosa, Yiddish, Yoruba, Zarma, Zulu (136)

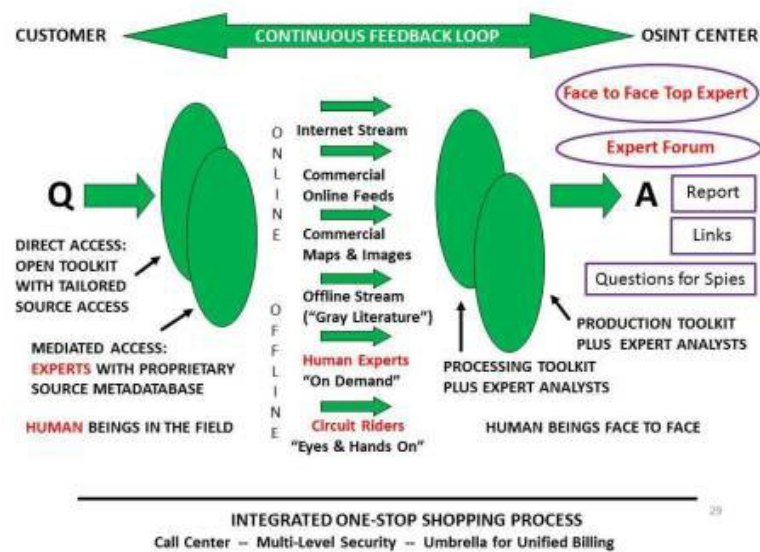
[Click on Image to Enlarge](#)

The major powers either don't get it or lie a lot. You cannot achieve ground truth without a deep use of the local language.

There are at least 31 core languages and over 136 others than need attention.

Machine translation is not good enough for most languages. You need a mix of indigenous speakers who also speak a Western language, and a handful of trusted officers who have spent a lifetime learning the target language.

The OSINT Process from Question to Answer

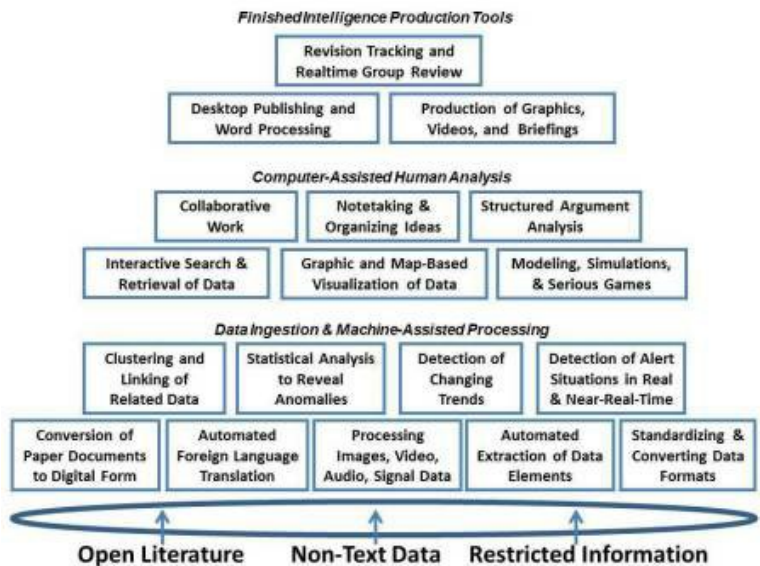


Click on Image to Enlarge

This is the heart of an OSINT cell’s advanced operations if you have more than six people. Note that it includes ingestion and sense-making processes, and that there are at least three outputs: human; written, and classified requirements.

The Dutch service in theory is not allowed to use secret sources and methods unless the OSINT people certify they cannot find out using open sources and methods.

The Generic Tool-Kit (Does Not Exist)

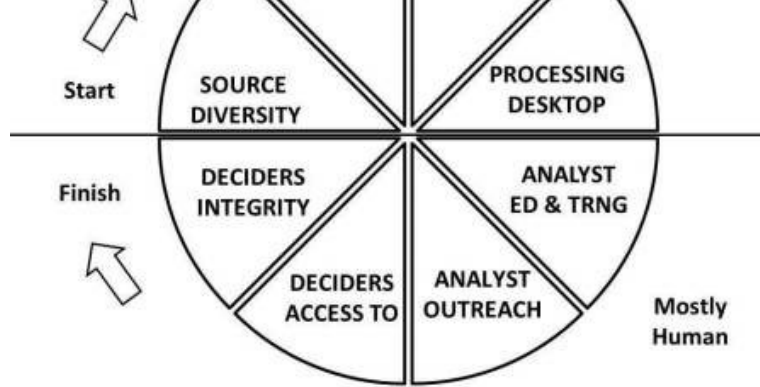


Click on Image to Enlarge

I was a founding member of the Advanced Information Processing and Analysis Steering Group in the 1980’s and into the 1990’s and I am sorry to say that despite our knowing then that we need all of this in an integrated tool-kit able to ingest and make sense of massive amounts of unstructured multi-lingual multi-media data, it still does not exist today.

Eight Analytics Problem Areas





Click on Image to Enlarge

These are the eight areas where I would like to help just one country – all eight tribes of information – get it right. All of these eight quadrants are no better than yellow and most are red in my view.

Generic OSINT Budget — HUMINT All the Way...

Generic OSINT Budget

My Personal View: 5% of the Total Intelligence Budget

- **HUMAN** Training & conferences everywhere
- **HUMAN** Internet monitoring services
- **HUMAN** Information broker services
- **HUMAN** Private investigative services
- **HUMAN** Academic research services
- **HUMAN** Commercial imagery procurement
- **HUMAN** Russian & other tactical military map procurement (both digital and hard copy)
- **HUMAN** Circuit Rider fund (travel & expenses)

Click on Image to Enlarge

I cannot stress this enough. OSINT is HUMINT, not TECHINT, and OSINT requires adequate funding – on the order of 5% of the total intelligence budget – if it is to be fully effective.

PAUSE

Case Study: The Burundi Exercise

Case Study: The Burundi Exercise

1 Man 6 Calls Beat Entire US Intelligence Community

- Top Ten Academics (ISI)
- Top Ten Journalists (Lexis-Nexis)
- Tribal Orders of Battle (Jane's)
- Pol-Mil Overviews (Oxford Analytica)
- Soviet 1:50,000 Combat Charts (Eastview)
- 100% Commercial Imagery (SPOT)

Knowing who knows is the acme of skill

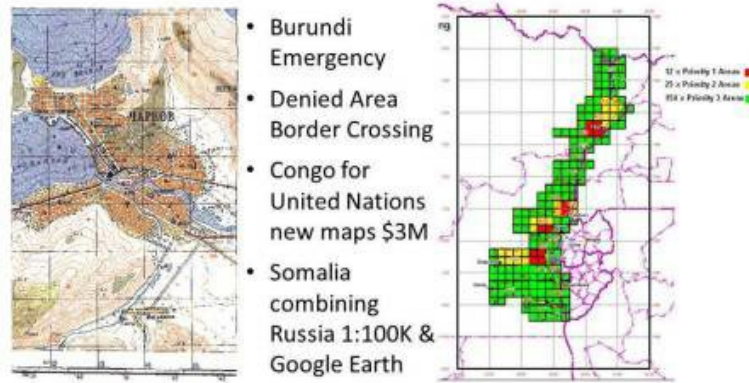
Stefan Dedijer, Croatia-Sweden, 1992

This was an overnight exercise for the Aspin-Brown Commission seeking to reform the intelligence community. The CIA had a map and an old economic study. This is what I produced with six phone calls. DESCRIBE EACH

As a result, the Commission recommended that OSINT be a top priority for DCI attention and a top priority for funding. Later the 911 Commission recommended a separate Open Source Agency. Nothing happened.

Case Studies: Maps

Case Studies: Maps



[Click on Image to Enlarge](#)

When I started the OSINT fight within the US Intelligence Community in 1988-1992, I noticed immediately that the civilians have no idea about the vital importance of maps – and especially military charts with contour lines. Over the years this has been one of the most important accomplishments in OSINT, greatly aided by the release of all the Soviet maps of Africa and South America – but not China, that warehouse mysteriously burned down – and by commercial imagery.

Case Studies: Other

Case Studies: Other

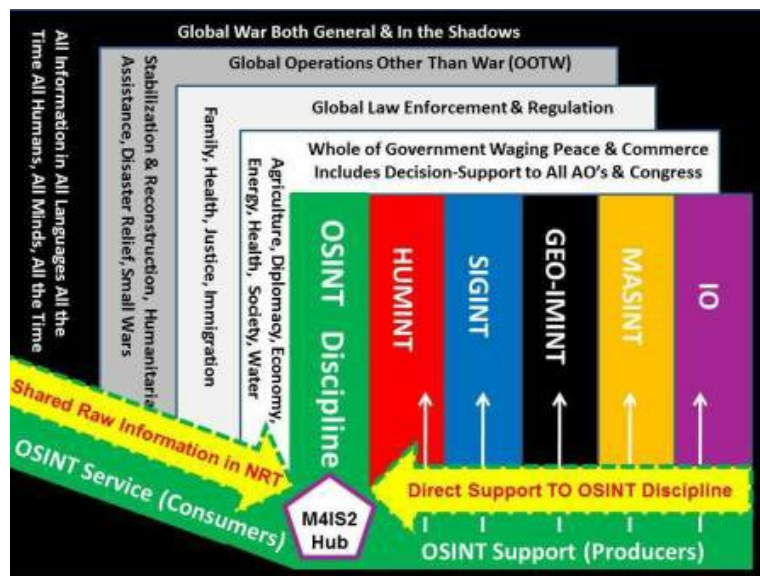
- **Citation Analytics** – top experts on anything (published, names in news, then unpublished field experts & rising students identified by published experts)
- **Islamic finance** – 20 families from Indonesia to India to Arabia, evaluated for donations to Bin Laden and others – mix of online, social engineering, and local tax and other records
- **True Cost of Goods** – virtual water, fuel, toxins, child labor, regulatory violations and tax avoidance
- **Web sites** – 396 terrorist, insurgent, & opposition websites in 29 languages – done in 60 days using European students
- **UK Convictions** – global discovery of land, buildings, yachts, other assets – local real estate and tax records examined manually

[Click on Image to Enlarge](#)

With citation analytics for about \$1,500 I can identify the most cited published experts, and from there get to unpublished field experts. I can also hire their best graduate students for 20 cents on the dollar.

Finance and true costs require field work by humans, including examinations of hard copy tax and real estate and boat records.

The best web monitoring is done in the original languages – students fluent in the target languages are inexpensive.



Click on Image to Enlarge

This is what it looks like when it is working. No one has this. My own government refuses to be serious about OSINT or more recently, Open Source Everything Engineering, see <http://tinyurl.com/Steele-Future> for my full vision.

In my view the Nordics should offer to host a joint EU-NATO Multinational Decision Support Centre and network whose primary mission will be to produce the truth and confront lies being told by others.

Counterintelligence & OSINT

Counterintelligence & OSINT



- Corruption
- Democracy
- Diplomacy
- Education
- Energy
- Environment
- Health
- Ideology
- Religion
- Research
- Water

Click on Image to Enlarge

I cannot over-state the importance of counter-intelligence. In the past 25 years what I have come to appreciate apart from the urgency of getting OSINT right, is counterintelligence.

In the USA we have financial, ideological, and religious traitors in key leadership positions, and the FBI is not allowed to do its job.

Rooting out traitors is fundamental.

Closing Thoughts

Closing Thoughts

- *Ethics is an operating system*

Ethics is an operating system.

- *Intelligence without integrity is not intelligence.*
- *OSINT is a foundation for enhancing integrity in all-source intelligence – and command.*

Click on Image to Enlarge

My closing thoughts.

Ethics is an operating system. Will and Ariel Durant in *Lessons of History* speak to the role of morality in the game of nations. The US and Europe have failed to live up to their ideals – they actively support all but two of the dictators on the planet, and turn a blind eye to financial, religious, and ideological crimes against humanity.

We in the intelligence profession have the power to educate, inform, and elevate.

Further Reading

Further Reading

- [2016 Arno Reuser \(NL\) Open Source Intelligence Resource Discovery Toolkit](#)
- [2016 The Future: Recent “Core” Work by Robert Steele](#)
- [2015 Ben Benavides OSINT 2ool Kit On The Go Bag \(Bag O’Tradecraft\)](#)
- [2014 Handbook Online for Internet Tools and Resources for Creating Open Source Intelligence \(OSINT\) by Dr. Ran Hock, Chief Training Officer, Online Strategies, Inc.](#)
- [2013 OSINT Literature Review, Name Association, Lessons Learned](#)
- [2010 Intelligence for Earth: Clarity, Diversity, Integrity, & Sustainability](#)
- [2008 Open Source Intelligence \(Operational\)](#)
- [2007 Open Source Intelligence \(Strategic\) 2.0](#)
- [2004 Special Operations Forces OSINT Handbook \(Strawman\)](#)
- [2000-2002 NATO OSINT Handbooks](#)
- [2000 ONE WORLD, READY OR NOT: From National Capabilities to Global Coverage Through a Virtual Intelligence Community Coordinated by NATO/PfP](#)
- [1998 OSINT Executive Overview \(Australia, October 1998\)](#)
- [1990 Expeditionary Environment Analytic Model](#)
- **Various other handbooks including United Nations handbooks are online at Phi Beta Iota.** [Handbooks \(70\)](#) [Analysis \(14\)](#) [C4/JOE/Software \(4\)](#) [HUMINT \(12\)](#) [Law Enforcement \(14\)](#) [Military \(19\)](#) [OSINT Generic \(19\)](#) [Stabilization \(22\)](#) [Threats/Topical \(14\)](#) [UN/NGO \(22\)](#)
- **See Also:** [NATO OSINT to OSE/M4IS2 Round-Up 2.0](#)

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- [2016 The Future: Recent “Core” Work by Robert Steele](#)
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- [2014 Handbook Online for Internet Tools and Resources for Creating Open Source Intelligence \(OSINT\) by Dr. Ran Hock, Chief Training Officer, Online Strategies, Inc.](#)
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- **See Also:** NATO OSINT to OSE/M4IS2 Round-Up 2.0

Here are a few links, the larger website holds over 20,000 posts by over 800 contributors I have nurtured over the past 25 years and I am always available to support your learning as well as your work.

The End



Click on Image to Enlarge

If you did not note the tiny url before, here it is again.

It is an honor to be in your company.

Thank you.

SHORT URL: <http://tinyurl.com/2016-OSINT>

NEW 20160422 Danish Videos:

13 Minutes: Interview with Robert David Steele on Open Source Intelligence

NOTE: This is offered in very high definition that bogs down for many. Use Settings control (the "gear" symbol) to set at 360p in order to synch words and video.

59 Minutes: Presentation on Open Source Intelligence by Robert David Steele

NOTE: Words in briefing as given are significantly different from pro forma words, but text below includes details on the OSINT Cell membes (6) and the information tribes (8) not included in the verbal briefing.

ACCOMPANYING DOCUMENTS:

Open Source Everything Engineering (OSEE) – a Nordic Manifesto

Steele on OSINT Briefing 1.4

SUPPLEMENTARY (Defence & Intelligence Norway):

- Robert Steele's Trip Report: Oslo & Copenhagen (25 April 2016)
- Proposal for a Nordic Interagency Intelligence conference and centre (12 May 2016)
- An Open Letter to All European Ministers (2 June 2016)
- EU Rejects Idea of a European Secret Service – Right Decision, Wrong Question, Missed Opportunity (26 June 2016)

NATO RELATED:

[NATO Strategic Foresight Wrap-Up](#)

[NATO OSINT to OSE/M4IS2 Round-Up 2.0](#)

OSINT RELATED:

[Marcus Aurelius: OSINT Battle Rythm — the Best the US Army Can Do.... Plus DefDog Comment](#)

[OSINT Literature Review, Name Association, Lessons Learned](#)

[2015 ANSWERS Robert Steele for Sean Lorenz on OSINT Update 3](#)

[2009 DoD OSINT Leadership and Staff Briefings](#)

STRATEGIC ANALYTIC MODELS

[1990 Expeditionary Environment Analytic Model](#)

- [Strategic Generalizations Relevant to Acquisition](#)

[1976+ Intelligence Models 2.1](#)

[1957+ Decision Support Story](#)

See Especially:

[2016 Robert Steele: The Ultimate Hack – Resilient Villages, Smart Cities, Prosperous Nations at Peace — and Unlimited Clean Water](#)

[Robert Steele: Open Source Everything Engineering \(OSEE\) – Achieving the SDG Goals in a Fraction of the Time at a Fraction of the Price](#)

[Robert Steele: Open Source \(Technologies\) Agency](#)

See Also:

[Robert Steele's Bio & Publications Online](#)

[Robert Steele's New Core Work on The Future](#)

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In "#OSE Open Source Everything"

[2013 BGen James Cox, CA \(Ret\) On the Record on Open Source Information versus Open Source Intelligence versus Secret Intelligence](#)
2013/02/03
In "Advanced Cyber/IO"

[2012 Robert Steele Answers PhD Student Questions](#)
2012/07/16
In "Answers"

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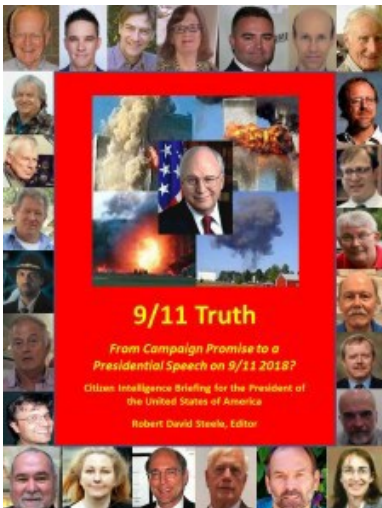
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SPECIAL: Robert Steele in Tehran Times on Full Disclosure (Extraterrestials, No Nuclear War, End of the Deep State?) UPDATE: Front Page Print Edition, Info to President Trump

Mongoose: Full Disclosure is Inevitable — Upgrading Storming of Area 51 (and Federal Reserve) to Possible UPDATE 4 — To Be Discussed at August Disclosure Conference

Memorandum for the First Lady: Subject – A Politics of Love (the book and the author), you, your husband, and America UPDATE 1: Zionists Block Delivery of Mail

Yoda: Video (31:25) Trump Big Fireworks JFK to Mount Rushmore?

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Judy Shelton to Fed, Asset-Backed Currency on 4th of July, and More....

Majestic 12: Message of Disclosure [Extraterrestrial & Pedophilia]

SPECIAL: Video (51:59) Civil War In America – Who Will Win? Veterans with Guns or Sexual Deviants Who Hate Guns?

Betty Boop: Ivanka vs Melania in One Photo

Worth A Look: Free PDF Outwitting the Devil

Randy Short: My Very Black Opinion on “The Squad”

Mongoose: Q Anon Rocking....

Kerry Cassidy: William Tomkins, Two Video Interviews on Extraterrestials and US Secret Space Program

SPECIAL: Bill Binney Letter to AG Jefferson Sessions in May 2017 Breaking Open the NSA Database Against Traitors, Pedophiles, and White Collar Criminals

John Petersen: Extraterrestrials, Consciousness, and Why Nuclear War Is Not Going To Happen

Ray McGovern: FBI CIA in Deep Shit on RussiaGate

SPECIAL: Robert Steele: Zionist Strike 43 – Ben Garrison Disinvited from the White House

SPECIAL: Iran Is Almost Certainly Telling the Truth about CIA Spies

Review: The Conservative Sensibility by George F. Will – Handbook for an American Renaissance

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Robert Steele: Las Vegas False Flag a Hybrid (Innocent Drill, Rogue Mass Murder Unit)? UPDATE 23 Paddock Girlfriend Worked for FBI

Gordon Duff: New Zealand False Flag by Zionist Israel with Police & Freemason Complicity UPDATE 10: Christchurch, the Former Islamic Minister: “Mossad Behind Shootings”

Robert Steele: Notre Dame Cathedral Burning False Flag, Organized by Macron, Insurance Fraud, Funding Paris Olympics, Saving EU & Central Banks UPDATE 18

James Fetzer – New Zealand False Flag – No One Died? UPDATE 10: New Zealander Published in Pravda

Owl: The Saga of Justice Kavanaugh UPDATE 55: Senate Report Sends Swetnick & Avenatti Toward Jail...

Timothy Holmseth: Mike Pence & Pam Bondi in Willful & Obvious Defiance of Presidential Order on Child Trafficking (Pedophilia)?

Betty Boop: Death By Doorknob Hanging — Signature of Pedophilia-Related Assassinations? Eleven People So Far — Who Knew Doorknobs Could Be So Deadly? UPDATE 1 Adds Video

Robert Steele: Synagogue False Flag — BULLSHIT — FEMA Legalized Lies UPDATE 17: Synagogue Business as Usual...No Bio-Hazards?

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Joachim Hagopian: Overview of Global Elite Pedophilia Inclusive of Vice President Mike Pence and Senators Feinstein, Graham, Kaine, McCain, Schumer UPDATE 2 Book Online

DefDog: There Was a Missile, Fired by Israel, China, or the US, Government is Lying UPDATE 13: FCC Says It Was All A Mistake...

RESTORED Above Majestic: Produced by Corey Goode & Jordan Sather Directed by Roger Richards Summary Review by Robert Steele

Robert Steele: Trump Triumph in 3 Moves UPDATE 8 WH 4.0, Trump 2.0, #UNRIG 4.0

Phil Giraldi: Zionist Strike 39, Trump Shlonged Again — David Schenker, Zionist Prat Boy, as Assistant Secretary of State for Genociding Palestinians
Election 2020 – Week to 30 JUN 2019
Gordon Duff: A Letter to President Trump about Satanic Zionist Influence — A Runaway Train
Cynthia McKinney: CENSORED by Red Pill Expo!
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Yoda: Testing President Trump on 9/11 Disclosure Promise – US Attorney is CONCEALING Fact that DoJ is Slow-Rolling the 9/11 Grand Jury
Paul Craig Roberts: Zionist Strike 42 – Penguin Random House Squeal Like Pigs and Succumb to Zionist Censorship
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Chris Hedges: War, Memory and Gettysburg
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Gareth Porter: Deep State Fake News Corporate Media Fueling Iran Nuclear Crisis — Robert Steele: NOT Happening!
Sidney Powell: Video Speaking at CATO on Licensed to Lie
SPECIAL: CIA Confirms UFOs – Learn More at Disclosure Event
Event in California Brings Whistleblowers, Researchers, and Word-Healers Together — 23-25 August, Extraterrestrials, Free Energy, End of Secrecy and More...
America First: Trump vs Agents of Foreign Powers
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Pedophilia & Empire: Satan, Sodomy, & The Deep State – Chapter 1: Introduction to Pedophilia – The Mental Disorder and the Child Sex Abuse Crime
CENSORED BY GOOGLE NEWS: Robert Steele with Javad Heirannia: Is Zionism in the USA Over? One Former Spy & Counterintelligence Officer Says Yes.
Ed Jewett: Conservatives Hunted and Killed Using NSA Social Media Software with Full Complicity of #GoogleGestapo UPDATE 2
Robert Steele: Vatican Pedophilia & Illuminati Blood Drinking UPDATE: PedoEmpire Book Free Online
Robert Steele: US Admiral Scott Stearney Assassinated in Bahrain? Related to False Flag (Fake Iranian Attack on US Naval Vessel)
Robert Steele & Ben Fulford in Tokyo — Discussing Deep State, Shadow Governments, False Flag, Fake News, Pedophilia ... UPDATE 9: Video D
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Event: Robert Steele, 19 October 2019, Berkeley Springs, “Full Disclosure: What Has Been Hidden, What Can We Know, Why Does It Matter?”

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Dan Schultz: The Wall of Political Indifference that Neither Trump nor GOP Know How to Address

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Robert Steele: War in the Middle East [in February 2018]... A strategic survey of possibilities, winners, losers... (Trump Revolution 19)

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