THE “SWARM WOLF”

UNDERSTANDING TO PREVENT THE EVOLUTION OF TERROR

NATO Advanced Research Workshop on Identification of Potential Terrorists and Adversary Planning — Emerging Technologies and New Counter-Terror Strategies

Washington DC (USA) – July 25, 2016
"INSIDER SOURCE"

Insider source confirms to Amaq Agency that the individual who carried out the martyrdom operation in Ansbach, Germany was a soldier of the Islamic State who executed the operation in response to calls to target nations in the coalition fighting the Islamic State.

July 25 - 10:30 a.m.
July 9th, 2005
Letter from al_Zawahiri to al_Zarqawi

[...]

HOWEVER, DESPITE ALL OF THIS, I SAY TO YOU:
THAT WE ARE IN A BATTLE,
AND THAT MORE THAN HALF OF THIS BATTLE
IS TAKING PLACE IN THE BATTLEFIELD OF THE MEDIA.
AND THAT WE ARE IN A MEDIA BATTLE
IN A RACE FOR THE HEARTS AND MINDS OF OUR UMMA.

[...]
July 9th, 2005
Letter from al_Zawahiri to al_Zarqawi

[...] HOWEVER, DESPITE ALL OF THIS, I SAY TO YOU: THAT WE ARE IN A BATTLE, AND THAT MORE THAN HALF OF THIS BATTLE IS TAKING PLACE IN THE BATTLEFIELD OF THE MEDIA. AND THAT WE ARE IN A MEDIA BATTLE IN A RACE FOR THE HEARTS AND MINDS OF OUR UMMA. [...]
FROM AN ANALOG WORLD
TO A DIGITALIZE AND GLOBALIZED WORLD

[...] HOWEVER, DESPITE ALL OF THIS, I SAY TO YOU:
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AND THAT WE ARE IN A MEDIA BATTLE
IN A RACE FOR THE HEARTS AND MINDS OF OUR UMMA.

[...] CYBERSPACE = THE NEW BATTLEFIELD NOT ONLY IN
TECHNOLOGICAL TERMS, BUT IN PARTICULAR
AS THE (CYBER-)SOCIAL ECOSYSTEM

Arije ANTINORI, PhD - arije.antinori@uniroma1.it
July 9th, 2005
Letter from al_Zawahiri to al_Zarqawi

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INTERNET JIHAD
AS A CYBER-SOCIAL ECOSYSTEM
REPRESENTS A VERY DYNAMIC OBJECT
BASED ON

4 STEPS NONLINEAR EVOLUTIONARY PROCESS

Arije ANTINORI, PhD - arije.antinori@uniroma1.it
NOVEMBER 2014

“GENERATION T (for Terrorism)
Terrorist Infosphere And i-Volution of Lone Wolf Terrorism”

Arije ANTINORI, PhD - arije.antinori@uniroma1.it
“INTERNET JIHAD”
COMPLEX NONLINEAR EVOLUTION

TERROR ARENA
POST-ANALOG MODEL
TERRORIST GROUPS

WEB 1.0
LATE '90s - 9/11

WEB 1.5
2004 - 2014

WEB 2.0
2014 - 2015

WEB 2.5

WEB 3.0
2016 - ?

DIGIHIAD
POST-ANALOG MODEL
DIGITAL MODEL
TERRORIST GROUPS
COMMUNITY
MUJAHEDIN

LONE JIHAD
CYBER-SOCIAL MODEL
TERRORIST GROUPS
FOLLOWERS
FOREIGN TERRORIST GROUPS

CYBER JIHAD
DIGITAL MODEL
CYBER-SOCIAL MODEL
TERRORIST GROUPS
COMMUNITY
FOLLOWERS
FOREIGN TERRORIST FIGHTERS

IoT
???????

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EXPLORING DIGIHAD CASE-STUDIES TO UNDERSTAND DYNAMICS, ASSETS, ACTORS, ETC

ECOSYSTEM CHARACTERISTICS / TECH LEVEL

TIME SLOT

MAIN ACTORS TARGETED AS AUDIENCE AND CELEBRATED THROUGH NARRATIVES

DEVICE (s/t) / GENERATION OF USERS

“INTERNET JIHAD” COMPLEX NONLINEAR EVOLUTION

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EXPLORING DIGIHAD CASE-STUDIES TO UNDERSTAND DYNAMICS, ASSETS, ACTORS, ETC

ECOSYSTEM CHARACTERISTICS/TECH LEVEL

TIME SLOT

DEVICE (s/t) / GENERATION OF USERS

COMPREHENSIVE, MULTIDIMENSIONAL, HOLISTIC APPROACH
2004 – 2014 “DIGIHAD”

DIGIHAD = WE MUST FIGHT TO DEFEND OURSELVES

2004 – «DIRTY KUFFAR» RAP VIDEO
DIGITAL PATCHWORK
(snuff, reality, fx, etc)

MASH-UP
(occupied/enemy dychotomic world)

FADE-IN
(Justification)

FADE-OUT
(Justification)

2003 / 2006 – AL-ZARQAWI’S AQ HYPERVIOLENT SPIN-OFF
Inhertiting videos from Iraq

OPEN SOURCE JIHAD

2013 – «GENERATION.T»
THE DE-STRUCTURED SPONTANEISM

2005 / 2006 – JUBA IRAQI SNIPER

2007 – AL-ANSAR AL-SUNNAH TOP 20 IED ATTACKS IN IRAQ

OPEN SOURCE JIHAD

Open Source Jihad

- «Inspire» magazine
- «As-Ansar.com»

- A resource manual for those who hate the tyrants
- Includes bomb making techniques, security breaches, guerrilla tactics, weapons training and all other jihadi related activities.

- It allows Muslims to train at home, instead of risking a dangerous travel abroad.

- Not just a how-to guide, but a call to arms for the oppressed, imperialist nations.

Arije ANTINORI, PhD - arije.antinori@uniroma1.it
2004 – 2014 “DIGIHAD” MAIN CONTENTS

DURING THIS STEP, ALL CONTENT INTERACT CREATING THE «JIHADISPHERE»

THE DYNAMIC REPOSITORY REPRESENTING THE CYBER-PLACENTA OF THE «CULTURE OF TERRORISM» (POWER OF NARRATIVES)

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2004 – 2014 “DIGIHAD” MAIN CONTENTS

«CULTURE OF TERRORISM»
+ MOBILE CULTURE
+ SELFISM
+ CYBER-NARCISSM
+ VIOLENT CULTIVATION

SELF-RADICALIZATION
AND «JIHADENTITY»
CREATION
RADICALIZATION?
### (Traditional) Radicalization

**<Analog Environment>**

**Local Issues**

- **Madrasa School System**
  (Profound Religious Knowledge)

- **Human Relationships**
  (Blood-ties, face-to-face dynamics and direct participation)

- **Prisons**
  (Brotherhood and solidarity/prisoner conversion to Jihadism)

- **‘Hate’ Mosques/Hate Speeches by Imam**
  (Religious ritual participation)

- **Undercover Activities**
  (Invisibility is an asymmetric asset)

**Police and Security Forces Deal with ‘Traditional’ Factors**

(Behaviors, profiles, organization models, communication, events standard time-line)

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### Self-(Cyber)Radicalization

**<Cyber Ecosystem>**

**Global Issues**

- **Superficial Knowledge by E-Learning**
  (‘Cool’ Jihad based on simple stereotypes and few religious concepts)

- **Cyber Relationships**
  (Internet, mobile device, instant messaging, online game chats)

- **‘Jihadisphere’ is the Place**
  (No space/time limits – 24/7 ‘repository of hate’)

- **Inculturation, and Self-Training**
  (No participation, just following)

- **Open Activities Across Social Media**
  (Visibility as asymmetric asset)

**P/S Forces Deal with Complexity, Technolution, Multiactoriality, Transnationalism, FTF Routes, Criminal Hybridization**

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SELF-RADICALIZATION THROUGH THE JIHADISPHERE

- Criminal Trafficking (THB, Narcotics, Oil, Money-Laundering)
- Violent Training (AD HOC Books Apps)
- Education
- Money
- Caliphate Dinar Zakat System
- Economy System
- Selfishness + Sadism
- Creativity
- Globalization
- Manuale Handbooks Magazines Training Videos
- Social Media Jihadism Hyper-Violent Tubes Post-Branding
- Collective Imaginary Critical Mass
- Wallpaper Stickers Photos Magazines Books Videos Comics Nasheed Videogames (MOD) Apps

RE-SHAPING REALITY

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WHAT'S NEXT?
"INTERNET JIHAD"
COMPLEX NONLINEAR EVOLUTION

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DIGIHAD
POST-ANALOG MODEL
DIGITAL MODEL
TERRORIST GROUPS
COMMUNITY
MIJAHEDIN

CYBER JIHAD
DIGITAL MODEL
CYBER-SOCIAL MODEL
TERRORIST GROUPS
COMMUNITY
FOLLOWERS
FOREIGN TERRORIST FIGHTERS

LONE JIHAD
CYBER-SOCIAL MODEL
TERRORIST GROUPS
FOLLOWERS
INDIVIDUALS (LVT)
FOREIGN TERRORIST GROUPS

IoT

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2016 >>>> “SWARM WOLF”

- CONVERGING HATE = “HUB OF HATE”
- VIOLENT SMART MOBS
- DRONE+APTs+DDOS
- LIVE STREAMING SOCIAL MEDIA ATTACKS (Go-Pro CAM)
- 3D-GLASSES ATTACKS
- AUGMENTED CROWDING TARGETING

Evolving
«JIHADISPHERE»

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“SWARM WOLF”

THE SCENARIO IS QUICKLY MOVING FROM THE ISLAMIC STATE TO «THE ISLAMIC STATE OF MIND»
"SWARM WOLF"

THE SCENARIO IS QUICKLY MOVING
“SWARM WOLF”

THE SCENARIO IS QUICKLY MOVING FROM THE ISLAMIC STATE TO «THE ISLAMIC STATE OF MIND»
THANKS FOR YOUR ATTENTION
arije.antinori@uniroma1.it