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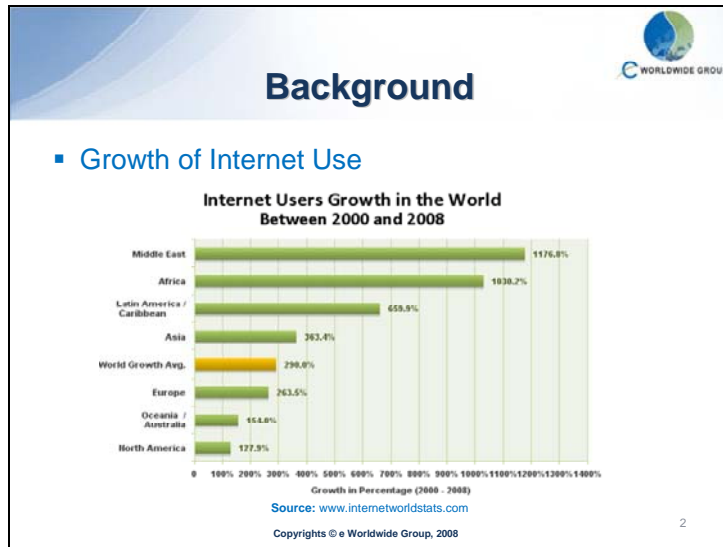
Overview of Cyber Crime


23rd May, 2008

Salma Abbasi
Chairperson, e WWG



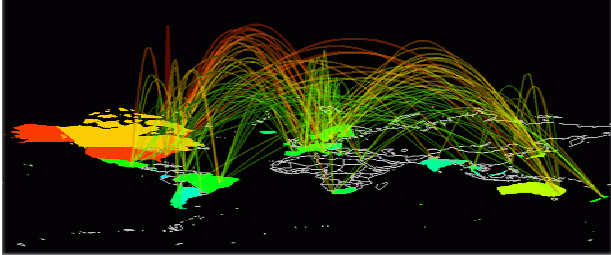
Delivering Value Through Information Communication Technology





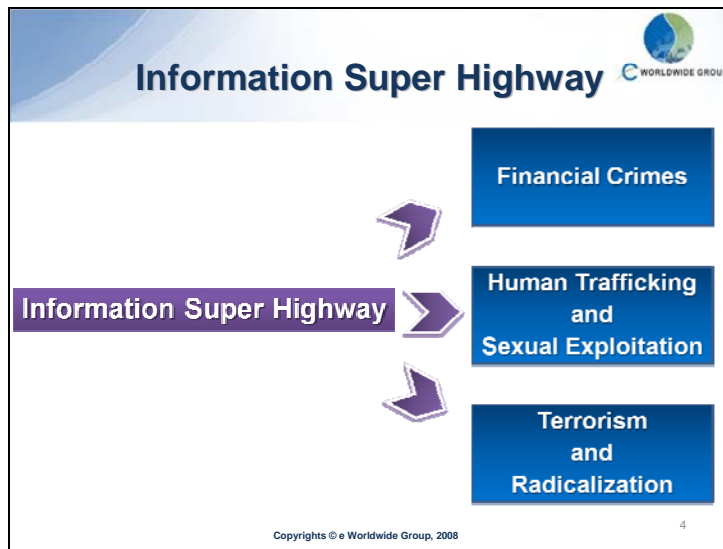
Impact Today

- *Transformation of Criminal Battle Field*
 - **Conventional Crime** – Single plane
 - **Cyber Crime** – Multiple platforms and planes



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3






Growing Sophistication in Attacks

- Hacking
- Cyber Stalking
- Denial of Service Attack
- Virus Dissemination
- Software Piracy
- IRC Crime
- Botnets
- Social Engineering
- Identity theft
- Net Extortion
- Phishing
- Spoofing
- Salami Attack
- Cyber Defamation

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5



Complex Problem

Multiple Layers of Vulnerability - Criminal Penetration

- **Economic Front**
 - Economic Fraud
 - Stock Market Loss
- **Financial market**
 - Bank Frauds
- **Infrastructure**
 - Botnet
 - Denial Of Service attack - DOS
- **Industry**
 - Airline Reservation
 - Net Extortion
- **“Entertainment”**
 - Pornography
 - Pedophiles
 - Human Trafficking
 - Prostitution
- **Personal Identity**
 - Credit Cards Thefts
 - Identity Card Thefts
 - VIP – Movies Stores
 - Harassment
- **Terrorism**

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6



Facts & Figures

- **237 Million** Security Attacks Globally (Aug, 2005)
- **54 Million** Attacks on **Government** Agencies
- **36 Million** Attacks on **Manufacturing** Agencies
- **34 Millions** Attacks on **Financial Services**
- **17 Million** Attacks on **Health Care**

Source: CRS Report for Congress (Jan, 2008)

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7




Facts & Figures

- More than 4 Million people worldwide are victims of **Human Trafficking** every year
Organization for Security and Cooperation in Europe Source: www.radio.cz/en/article/60695
- 18,000 to 20,000 Persons are Trafficked into US Annually
U.S. Department of State, 2003 Source: www.blackwell-synergy.com
- **Human Trafficking** is a **\$ 32 billion Industry**
International Labor Office (ILO)
Human Trafficking Awareness Conference – Denver, CO – Oct. 25, 2008

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8

Global Problem



- Vulnerable impact everyone
 - Every country
 - Developed or Developing
 - North or South
- Problem transcends
 - Culture and Values
 - Development
 - Wealth
 - "Borders"

"Cascading Effect"



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9



Challenges

- **Trust** – “Building Confidence in each other”
- Share negative incidents – data
- Share impact on any level
- Fear of compromising position in business
 - Banks don't admit frauds openly
 - Pentagon has breach by hackers
 - Army cantonment being penetrated

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10





What do we do?

- **Focus and Prioritize**
- Partner in the True Sense to Create and Build
 - Comprehensive “**Implementable Policies**”
 - Holistic Strategies with “**Realistic Roadmaps**”
- Integrated across Multiple Dimensions
- **Implement HLEG Concept**
- Creating layers of Protection across
 - Borders
 - Cultures

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11

Complex Task HGLC



- Different Cultural Differences
- Different Systemic Behaviors
- Different Operating Policies
- Different Awareness Partnerships
- Different Stakeholder
- Different Multi-Sector
- Different Partnerships
- Human Trafficking & Terrorism

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12



Prioritize and Mobilize – Next Steps

- **Focus – Create Neutral Platforms**
 - Counter Terrorism - Prevent Radicalization
 - Human Trafficking – Sexual exploitation
- Create multiple “Access” points
- Counter Negative Influences
- Build Awareness in Youth
 - Innocent and Vulnerable
 - Easy target
 - Recruitment
 - Brainwashing
 -

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13


Eg. Neutral Platform CT

Neutral Platform for CT and Peace Through ICTs

NEUTRAL PLATFORM FOR PEACE THROUGH TECHNOLOGY

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14



Eg CT and Radicalization

- Creating a group of neutral/moderate clerics to present counter arguments for suicide bombing and hatred
- Creating group of interfaith clerics and priests to argue peace – all faith, all human life is precious
- Creating discussion groups for youth to dialogue across faith
 - *Suzanne Mubarak ICT for Peace*
- Using technology “Entertainment platform”
 - *Freedom Theatre*

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15



Eg CT and Radicalization

- **The Freedom Theatre - Palestine**
 - *The aim of project is to empower and give voice to the children of Jenin Refugee Camp*
 - *A unique programme of workshops and activities in theatre supporting arts and multi-media.*
- **Suzanne Mubarak's International Peace Movement**
 - *It focuses on the positive and holistic aspects of peace, helping to forge alternative communication networks,*
 - *Developing capacities, creating avenues for cooperative action and making silent voices heard.*

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16

