

Registry Internet Safety Group

R.I.S.G.

The purpose of RISG

» Facilitate dialogue and collaboration,

» Affect change, and

» Create and adopt best practices to address Internet identity theft

Who are the RISG members:

- **.ORG**
- **Afilias**
- **Cyveillance**
- **MarkMonitor**
- **CNNIC**
- **SIDN (.NL)**
- **GoDaddy**
- **Symantec**
- **U.S. Federal Bureau of Investigation (FBI)**
 - **EU Law Enforcement**
- **Shinkuro**
- **.UK (Nominet)**
- **.INFO (Afilias)**
- **NeuStar (.BIZ & .US)**
- **Network Solutions**

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Break out by categories: registries

registrars

Security companies

Law enforcement

Fujitsu, 8/7/2008

Complete Value Chain



Members represent multiple capabilities and interests

- **Best Possible view of Issues**
- **Range of viewpoints**
- **Ability to see multiple angles of each Issue**

Best Chance for Achieving Effective Remedies

RISG Makeup



- » **gTLD Registries:** PIR, Neustar and Afilias (EU based)
- » **ccTLD Registries - SIDN, CNNIC and Nominet:** Major ccTLD Registries provide expertise and global perspective
- » **Internet Security:** Cyveillance, MarkMonitor, Shinkuro and Symantec
- » **Global Law Enforcement - FBI & EU:** Law Enforcement perspective on Internet crime and solutions
- » **Registrar:** GoDaddy, MarkMonitor, Network Solutions

What RISG is NOT .org >>

»Internet Police



»Content Control or censorship

»A body defining binding policy

RISG Benefits



- **Members:**
 - **Industry Collaboration**
 - **Proactivity on our part avoids unnecessary regulation later**
- **Industry**
 - **Consistent and effective processes regardless of TLD**
 - **Safer Internet for all users**
 - **Minimizes damage as problems are identified quicker and resolved sooner**
 - **Develop and Increase Global Perspective**



What are we doing?

➤ **Best Practices Data Sharing Plan:**

- ✓ Identify curative & preventative goals and associated use cases
- ✓ Identify data relevant to each use case
- ✓ Comply with legal requirements for data sharing

➤ **Anti-Phishing**

- ✓ What types of threats to handle?
- ✓ How to respond to the threats?
- ✓ Identify reliable data indicators of Phishing.
- ✓ How to work with law enforcement?

CHALLENGES

We have TWO Main Issues



» Best Practices Data Sharing

- What is available?
- Which data elements are most helpful?
- What is lawful to share?
 - » Privacy laws
- What *should* be the data format (*if its being shared across multiple parties*)?
- What is the best process?
 - Automated? Batch?

» Anti-phishing Actions

- Which party should take action under what circumstances?
- How should that occur?

Best Practices

Data Sharing Example



- » **Objective:** Detection of established bad domain by objective data detection
- » **Description:** It may be possible to detect bad domains by spotting data points associated with them that differ from known normal behaviour.
- » **Process:** Higher than 'normal' volume of DNS changes or abnormally fast DNS changes.
- » **Data:** Statistically derived data on 'normal' behaviour and make comparisons against that.

EU restrictions



What IS Personal Information:

- “any information related to an identified or identifiable person”

What is NOT Personal Information:

- Personal data does not include “aggregate data” that has been divorced from identifiable characteristics
- **Strong EU regulation with regard to sharing data outside EU**

Anti-Phishing Solutions



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Use better graphic- its too blurred

Fujitsu, 8/7/2008

Explore Options and Best Practices to Stop Internet ID Theft

- » **Adopt Domain suspension at registry level?**
- » **Positively Identify Phishing Sites across TLDs**
- » **Adopt consistent policies across TLDs to minimize domain abuse**

» Internet Community Participation-

- Particularly ccTLDs

» Global Law Enforcement Cooperation

» Communication of our findings and best practices

- Followed by voluntary adoption

Interested?

» More Info:

- Contact our current members

To Join Contact:

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THANK YOU!