CHALLENGES

Technological

Transnational

Technological Challenges - File Sharing

Client-Server Model

File Hosting sites (Cyberlocker)

fileserve

videobb

FILESONIC.com

videoZer

file Jungle

FilePost.com

upload station

MEGAUPLOAD

Peer-to-Peer Network

Cloud Computing

isfs
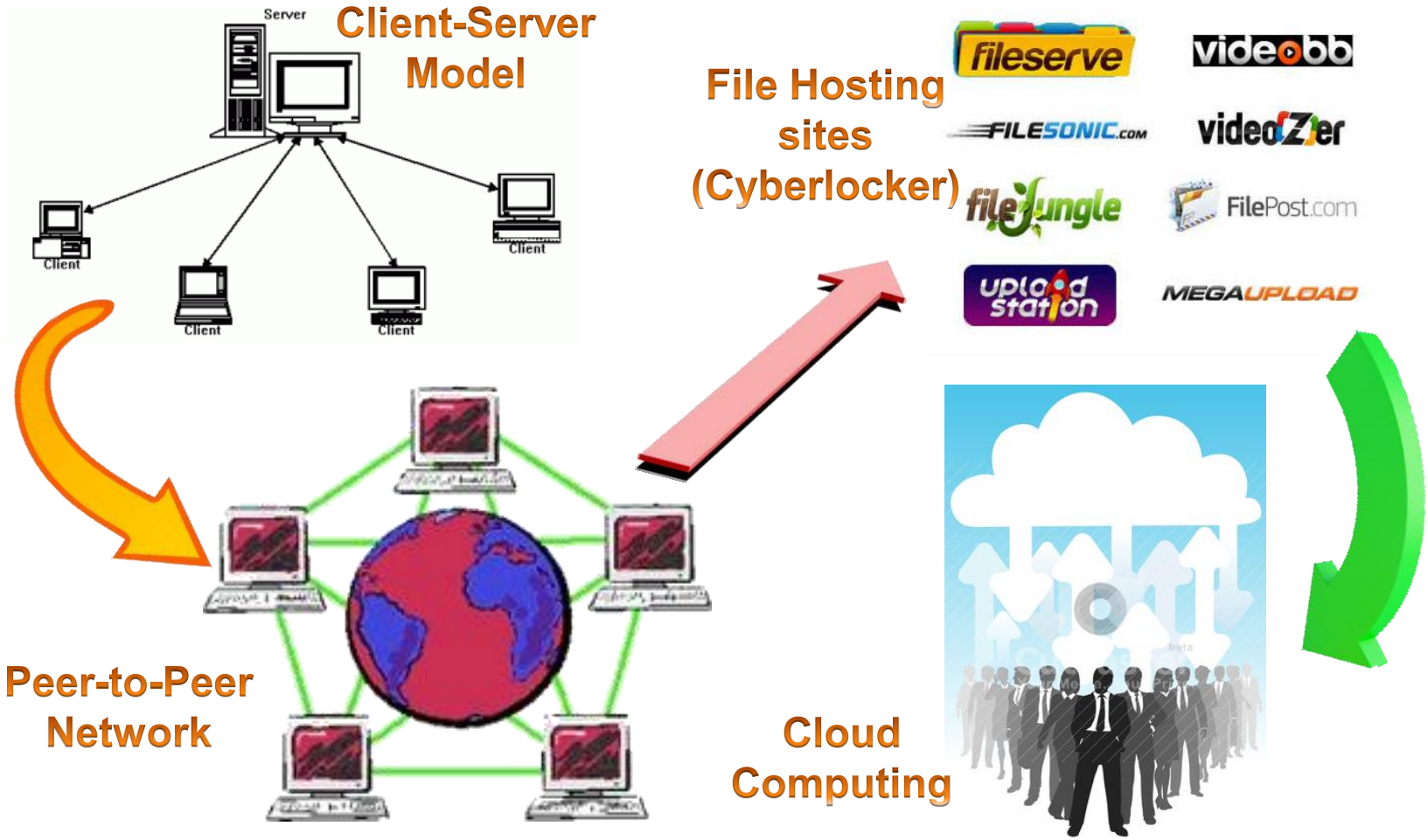
Technological Challenges – The "Apps"

Data come from members of "Aurasma", iow pirated movies or songs can be broadcasted or distributed

Impact of Technological Challenge

Complexity

Mobile / Pad computing

Online streaming

Cloud Computing

Hurdles to Investigation
- **How the crime is committed**
- **How to detect**
- **What are the online digital evidence**
- **How to preserve them**
- **How to identify the suspect**
- **How to conduct the digital crime scene management**
- **How to perform the digital forensic analyses**

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Transnational Challenge

Transnational Challenge
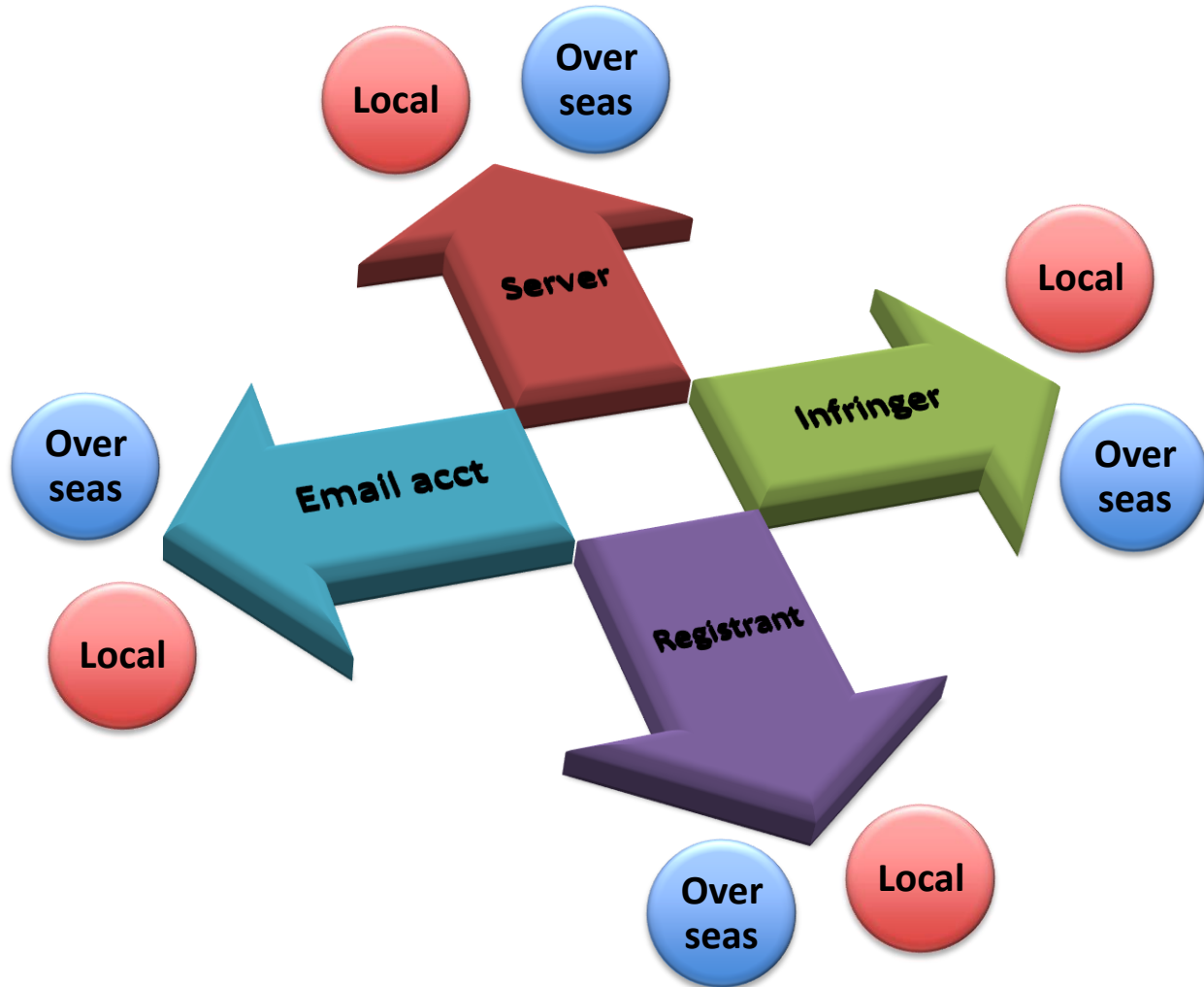
Server	Infringer	Registrant	Email acct
Local	Local	Local	Local
Local	Local	Local	Overseas
Local	Local	Overseas	Local
Local	Local	Overseas	Overseas
Local	Overseas	Local	Local
Local	Overseas	Local	Overseas
Local	Overseas	Overseas	Local
Local	Overseas	Overseas	Overseas
Overseas	Local	Local	Local
Overseas	Local	Local	Overseas
Overseas	Local	Overseas	Local
Overseas	Local	Overseas	Overseas
Overseas	Overseas	Local	Local
Overseas	Overseas	Local	Overseas
Overseas	Overseas	Overseas	Local
Overseas	Overseas	Overseas	Overseas

$$\frac{16-2}{16}$$

87.5%

→ **Entity of Crime** n

Mathematical expression on the chance that the crime is a *Transnational Crime*

$$\frac{2^n - 2}{2^n}$$

The more the Crime Entities, the higher the need for Overseas Co-operation

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Thank you

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