

Det. Supt. Charlie McMurdie



Agenda

- The problem with e-crime.
- Arriving at the solution.
- Delivering the solution.



The problems of investigation

- Rapid, secure, global communications.
- Cross Border investigations protracted and challenging for law enforcement.
- Virtual marketplace - reduced risks of being detected, disrupted or caught.
- Even if caught, less likelihood of substantial sentencing.

We think of Internet enabled criminality as:-

Hacking into Computer Systems
Distributed Denial of Service Attack (DDOS)
Copyright violation offences (IP Crime)
Distributing Child Abuse Images
Fraudulent Financial Activity such as.....
Phishing, Pharming & Virus/Trojan attacks,
Advance Fee Fraud
etc. etc. etc.

ACPO Definition of e-Crime

“The use of networked computers, telephony or internet technology to commit or facilitate the commission of crime”

So e-Crime is more than just the Internet?

Virtually all crime has an 'e' element-

Terrorism

Cyber Stalking

People Smuggling

Rape

Murder

FT.com
FINANCIAL TIMES

THE  TIMES

THE **Sun**

FREE METRO DAILY EXPRESS
THE WORLD'S GREATEST NEWSPAPER

Daily Mail The Register

NEWS Economist.com

THE INDEPENDENT

Guardian ity THE WALL STREET JOURNAL

ON SUNDAY — 24 HOURS A DAY

DAILY STAR

The Daily Telegraph

bbc.co.uk
BBC

**“Cybercrime is
the most rapidly
expanding form
of criminality”**

“Its about time we get as organised as organised crime”

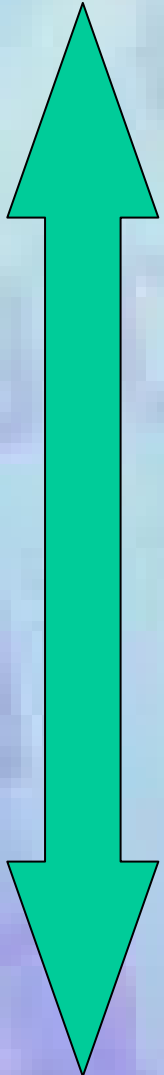
-Mayor Rudolf Giuliani

Arriving at the solution

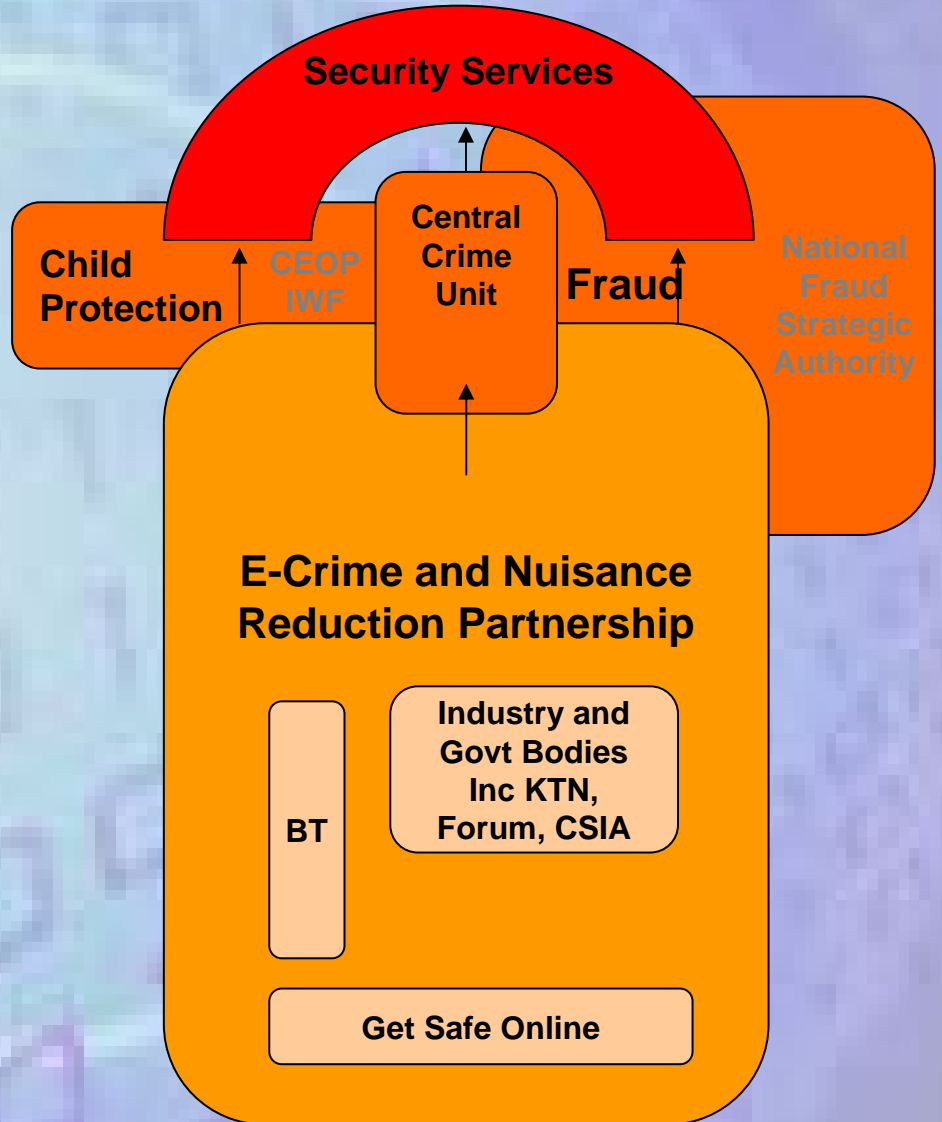
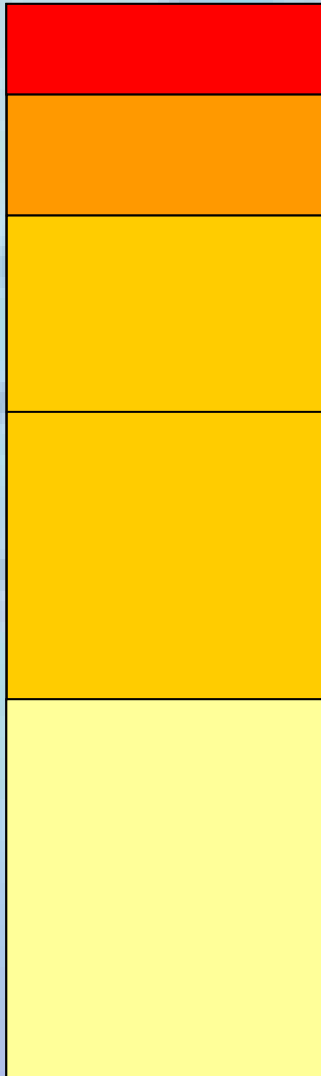
- To scope capability within each of the 43 police forces and then collectively across the Forces.
- To 'map' what e-crime capability existed across other UK law-enforcement agencies.
- To 'map' what government, private and charitable e-crime organisations exists.
- To canvas the e-crime needs of industry and 'civil society'.
- And thereby identify and evidence the e-crime capability gap within the UK.

Actors/agencies tackling Online Crime

Most serious



Least serious





Child Abuse
CeOP's



Fraud Alert



Other Websites



IT Industry
AV / ISP /
Academia / etc



Crime Reporting



**Analysis
Intelligence
Dissemination
Alerts**

PoLCIRT



Banks
Re Phishing
Reports



CPNI
(Government)
WARPS



**Computer
Incident
Response
Teams**



**National
Fraud Reporting
Centre**



NPIA (Training)

**IF YOU SUSPECT IT REPORT IT
CALL 0800 789 321
Confidential Anti-Terrorist Hotline**

Anti Terrorist



**Online Internet
Advice**



Botnet



**Law Enforcement
Intelligence**
SOCA/IC3/
Interpol etc

Proposed PCeU Functionality

<u>eCrime Proactive Prevention</u>	<u>eCrime Partnership Development</u>	<u>eCrime Intelligence</u>	<u>eCrime Coordination</u>	<u>eCrime Research & Development</u>
<p><u>Fraud Alert – closing platform websites</u></p> <p>Intelligence Analyst</p> <p><u>Strategic & Tactical Analysis</u></p> <p><u>Publish prevention advice & alerts.</u></p> <p><u>Mainstream e-crime into all manuals and protocols as Best Practice</u></p> <p>Co-ordination of existing network of CPO's</p> <p>Awareness training for first responders</p> <p>Produce and maintain directory of existing crime prevention and information web sites</p> <p>Produce and maintain directory of existing and proposed CP initiatives</p>	<p>Identify Funding opportunities for UK and International e crime initiatives</p> <p><u>MOU's with external agencies re data sharing</u></p> <p>MOU's re tasking & operational terms of engagement</p> <p><u>Joint police & private sector operations</u></p> <p>National and International interface with Interpol/Europol</p> <p>SPOC for internet crime forum and National e-crime strategic group.</p> <p>Identify and disseminate Best Practice from Industry and Home office led initiatives.</p>	<p>Minimum Standards</p> <p>Minimum Standards for Operations & Tasking</p> <p>Revising protocol and establishing systems for intelligence dissemination.</p> <p><u>Co-ordinating CHIS & CII (covert internet investigations)</u></p> <p>Joint intelligence sharing protocols</p> <p>Co-ordinate National Strategic analysis</p>	<p>ACPO Lead</p> <p>Media – internal & External</p> <p>Conferences feedback</p> <p><u>Industry liaison</u></p> <p><u>National reporting standards</u></p> <p><u>Performance measurement</u></p> <p>ACPO best practice</p> <p>SOCA Spoc</p> <p>Identify and address legislative gaps</p> <p><u>Industry Spoc</u></p> <p>Income generation lead</p> <p>Direct control & management of National E-Crime Strategy</p>	<p>Mapping & Linkage of website Intelligence & functions</p> <p>National Forensic lead</p> <p>Tactical & Technical support services</p>

+ PoICIRT Team

Delivering the solution

Stage 1

- Obtain agreement across the police service

Stage 2

- Obtain agreement across other stakeholders

Stage 3

- Obtain the funding and deliver!



Police Central **e-crime** Unit

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