

EC¹ R'08

Is that them?
versus
Who is that?

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www.memex.com

Our Markets

National
Security

Telecoms



Law
Enforcement

Finance



Data Security

Military

The Problems We Solve

Crime



Fraud



Terrorism



Insurgency



Money
Laundering



Copyright,
Piracy



Big lists and small lists



Limited number of known targets processed against small(ish) lists – ANPR and CCTV



Larger number of targets, significant number of streaming sources – US Flight Screening



The system tracks/reports on targets and identifies new targets automatically

Quality ... or not



Errors are still a significant issue



When is a name not a name?



Caught by the fuzz, sir?



What's the difference between a 🐔 ?

Deconfliction

Automatically establish when/if you are looking at the same individual – regardless, and occasionally in spite, of the underlying data

The wonderful world of commerce

Run of the mill defrauding (large numbers of low value)

Fraud rings (low numbers, high value)

Legal compliance (PEP, SS, BASEL, Sarbanes Oxley)

The less wonderful world of crime

Serious and Organised Crime (drugs, guns, human trafficking)

Counter-terrorism (funding, cells, incidents and targets)

Prolific offenders

Making life even more difficult

“No Sir, you can’t just keep it”

The Management of Police Information

The Data Protection Act

The European Convention on Human Rights

The Dukes of Hazard ride again

Internal – parochialism and incompatibility. “Not my patch”

National - people smuggling via Eastern Europe

International - drug shipments via international waters

Merging of data streams

CCTV

Intelligence, forensic and other evidential data

Sequestered data from multiple commercial sources

Open Sources



“Who would have believed in the last years of the 21st century...”

Political

Demise of the Russian states, rise of China, bits of Africa in flames and India possibly heading the same way, UK data losses

Economic

Sub-prime mortgages, tax disincentives to live in the UK, banking institutions disappearing under the waves

Social

Eastern Europeans making full use of Easyjet, Indians dominating the IT outsourcing landscape

Technology

Phishing, card cloning, SPAM and ebay scams
Social networking
Gang blogs
VOIP – Skype and impact on the PSTN
Wind-up PCs with internet connections
Mobile phones used for monetary transactions

What do we think you might need?



Low data capture cost (i.e. not requiring complex ETL)



Independent of data format, language and/or structure



Ultra-scalable



Total content access



Behavioural analysis



Deconfliction tools

A parting shot...

Quis Custodiet Custodes Ipsos?

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