

'Challenges' of working with the Public Sector

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RUSI



An Industrial perspective on

How governments, users and suppliers can cooperate to get maximum value from security expenditure

This talk contains the personal views of the author only
not those of QinetiQ or a wider industrial base.

The good the bad and...

- 1 A personal example
- 2 Some issues
- 3 Towards best practice



Starts with a question

How can we use technology to address illegal immigration to the UK?

An idea shared



Things that went well

User Requirements

Intelligent customer

Unknown solution – no preconceptions

Good UK and French political climate

Conceived as a bit of kit, became a system and delivered as a service

Supply chain, ANPR, CCTV, facial recognition, document identification

Government pays its bills!

The delivered solution



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Issues

Complex stakeholder map, in UK and in France, Belgium, Netherlands...

Different frameworks and viewpoints in the Member States

- Health & safety, privacy, legality

Ports themselves are complex entities

European Community layer, e.g. PNR for border checks

Government Ts & Cs

- SME as suppliers or partners

Learning from experience



Side-steps the privacy issue

Display Console:

Wide field visible

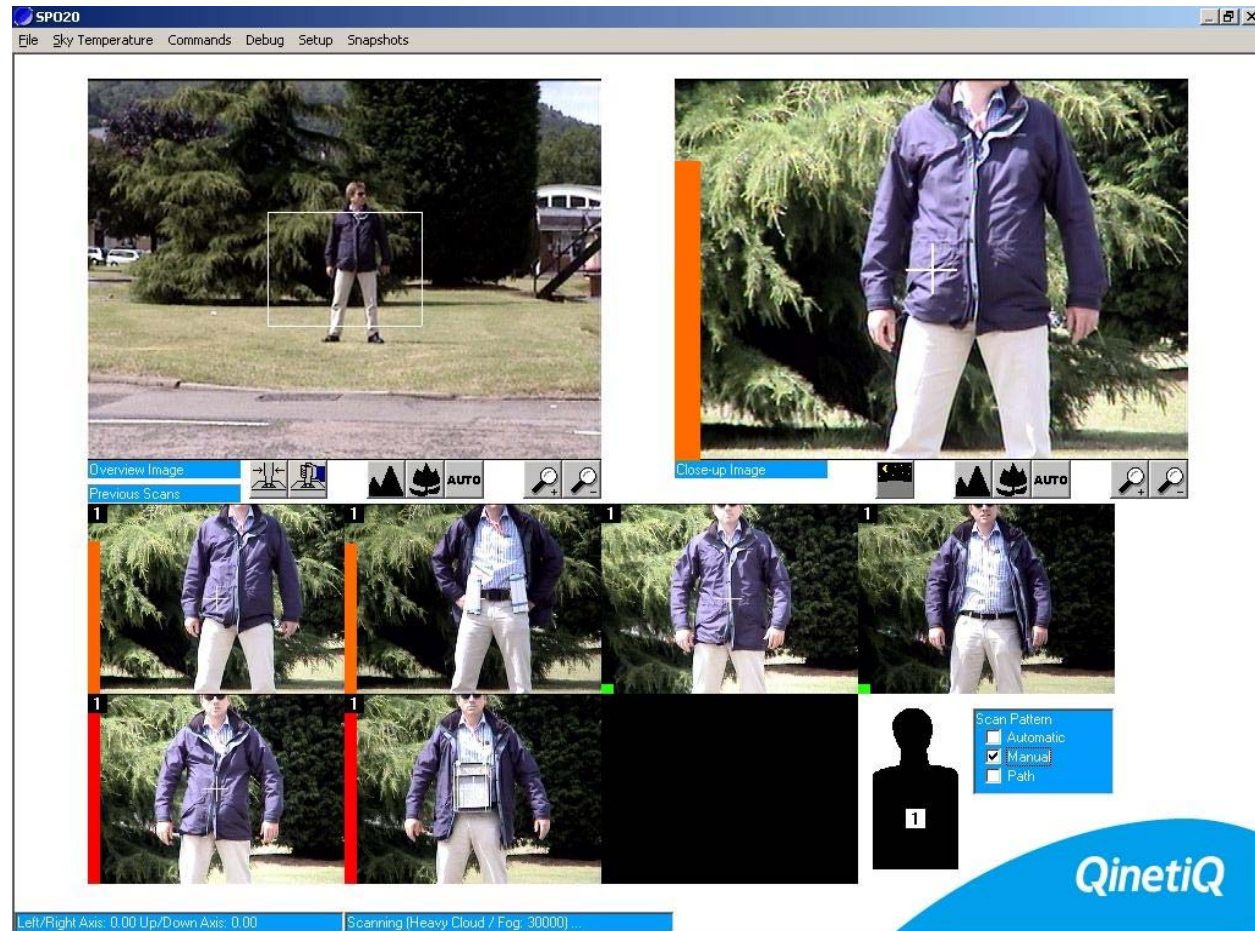
Narrow field visible

Evidential snapshots

Real-time threat indicator shows threat level:

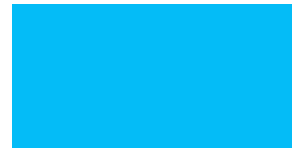
Green – no threat

Red – high threat



SPO-20 Display console

R&D – towards best practice



How's government done?

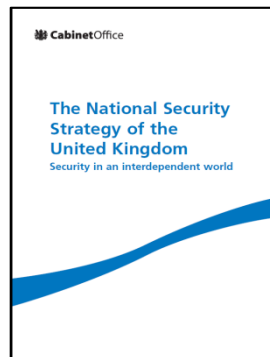
Prior to any indication of financial turmoil

- A Fundamental change in how concerns are articulated and communicated.
 - *Common Criteria for Information Technology Security Evaluation, Version 1* – Mar 2001
 - CONTEST Strategy 2003 – the 4 Ps
 - National Security Strategy for the UK (Security in an interdependent world) – March 2008
 - National Risk Register – Nov 2008
 - CONTEST II – March 2009
 - National Security Strategy for the UK (Security for the Next Generation) – June 2009
 - *Common Criteria for Information Technology Security Evaluation, Version 3.1* – July 2009
 - **Cyber Security Strategy of the United Kingdom – June 2009**
 - UK Science and Technology strategy for Countering International Terrorism – Aug 2009
 - Ideas and innovation “brochures” – 2009, 2010

2003



2003 to 2008



2009 ...



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Results

Positive

- Clearer understanding of requirements - Strategy, Tactics and applications
- Longer term market appreciation
- Seed corn funding from INSTINCT, well targeted to needs
- Ability to build business cases
- An interactive iterative approach to requirements – (systems engineering principles?)
- Shared – open innovation R&D
- Collaboration and partnerships – best of breed globally