

### **SMARTWATER**

#### PHIL CLEARY FRSA, CEO AND CO-INVENTOR





2-Apr-12

# MAKING IT EASY FOR THE THIEVES LACK OF TRACEABILITY



Question: If this cable had been identifiable, would the metal dealer have bought it?



### CREATING A DETERRENT TRACEABILITY







Insert Document Title

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### GENERIC IDENTIFICATION THE PROBLEM





•'Property of 'a Power Company'

•Suspect arrested, police investigate.

•Power Company loses track of cable once sold to Recycler.

•4 cases of theft of A Power Company cable in last 3 months.

•Which offence is the Suspect being accused of?



# FORENSIC CODING SYSTEMS NEW QUALITY STANDARD



### TRACEABILITY SYSTEMS

- Legacy cable
  - Microdots
  - Forensic coding
  - Point of Manufacture/Distribution
    - Laser etching
    - Printing
    - Microtaggants



Forensic coding

### NEW STANDARD - PAS820:2012

- Scheduled for August 2012
- Precursor to an ISO (International)
- Independent tests
- 'Fade rate' to establish:
  - Sunlight
  - Humidity
  - Heat
- Clear labelling to assist Client
- Created by British Standards Inst.

## ANALYTICS - INTELLIGENCE PORTAL FREE ACCESS TO EUROPEAN POLICE



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Sharing Data:
True 'hotspots'
X border
Early Alerts
Focus resources
ID targets
Takes pressure off

police resources

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THE CENTRE FOR NFRASTRUCTUR & ASSET

Insert Document Title

April 2, 2012

FREE ACCESS TO LAW ENFORCEMENT



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