Information Sharing

The SCADA & Control System Information Exchange (SCSIE)
companies in the national infrastructure that are dependent upon SCADA or other process control or telemetry systems..”
Why Information Exchanges?

✓ One to one consultancy for all too resource intensive

✓ Delivered value to members beyond what one to one consultancy offered
Common Principles

- CPNI facilitates, joint chair with industry
- Similar need to share
- Meet face to face – no ad hoc deputies
- Reciprocity. Everybody shares something including govt.
- Personal & clear agreement. Not legally binding
- Sharing continues between meetings
- Working Groups deliver on difficult issues/projects
Four key factors to get right:

✓ Engagement level
✓ Trust
✓ Value
✓ Linkage
Success Factors

Four key factors to get right:

✓ Engagement level
Success Factors - Engagement

CEO
Management Board
Risk Managers
Senior IT & Engineering Security Practitioners

CPNI

Overseas Operations
Outsourcing
Procurement
Vulnerabilities
Threat
Personnel security
Good Practice
Attack intelligence
Four key factors to get right:

- Engagement
- Trust
✓ Start small and grow – you can’t easily shrink a group

✓ Trust and value grow slowly and together
Information Sharing Model

TRUST

RED
Closed membership exchanges
Most sensitive

AMBER
Professional groups
Not for public domain

GREEN
Open Source
Public Debate
Raising standards
Legislation/regulation

WHITE
Four key factors to get right:

✓ Engagement – with who?
✓ Trust
✓ Value
Value – what's in it for me?

- CPNI briefings
- Other organisational briefings
- Members Round table
- Improved support structure from peers
Outing the problems – peer assistance

- Old kit, new kit - suggestions/guidance
- Outsourcing, vendors, consultancy experiences - warnings/recommendations
- Security assessments, DR exercises, broken boxes – lessons shared

Communicating the threats – peer disclosure

- Network activity
- System breaches
- Phishing, social engineering, journalists
- PBX fraud
- Metal thefts, eco-protests, site intruders
Four key factors to get right:

✓ Engagement level
✓ Trust
✓ Value
✓ Linkage
Linkages

The European SCSIE Family

CPNI INFORMATION EXCHANGES
- TSIE
- PIIE
- MSPIE
- NSIE
- SRIE
- VSIE
- SCSIE
- ADMIE
- FSIE

E-SCSIE

- Netherlands
- Norway
- Germany
- Sweden

CPNI
Centre for the Protection of National Infrastructure
Pulling it all together
Thank you

Questions?