

Supply Chain Review

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Government Health Warnings

Government Documents can be boring...
All comments are mine; not official policy

Supply Chain Review

- Delivered March 2019 (63 pages + 3 Annex's)
- Looked at: -
 - Incentives for Telco's
 - "High Risk Vendors"
 - Diversity in Supply Chain

Supply Chain Review

- Particular Risks
 - 5G
 - Full Fibre
- Recommendation for “Security Framework”
 - TSR’s (Telecoms Security Requirements)
 - Advanced Legislation
 - Managing Vendor Risk

Telecoms Security Requirements

- Finalised with industry (not imposed)
- “Raise the security bar”
- Provide clarity of what is expected
 - Less “Have a firewall”, More “Block Cat 1 messages from outside your own network”

Advanced Legislation

- Allow Ofcom to enforce TSR's
 - Feedback is CSP's welcome this
- National Security backstop for Gov
 - Gov (NCSC?) can step in if serious
- Requires new legislation
 - Gov and Ofcom work on interim “voluntary”

Managing Vendor Risk

- No mention of company or country names
 - Require operators to have good oversight of vendors – TSR's apply to vendors as well...
 - Operators to work with vendors to ensure assurance and verification of products
 - Additional controls on “high risk” vendors

High Risk Vendors

- Outright ban would: -
 - Increase costs (significantly)
 - Reduce competition
 - Not solve the problem
 - Be difficult in a shrinking market
- So partial ban and strong controls
 - Not in the core, AAA, LI etc

Vendor Diversity

- Shrinking number of suppliers
 - Decreased competition
 - “Lock in” / Non Standard “standards”
 - Not good for security
- So aim is to encourage new vendors / start ups
 - Never going to threaten H or N
 - But good for specific bespoke functions
 - And need **STANDARDS** for interconnection!



National Cyber
Security Centre
a part of GCHQ

Questions?

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