Developing a Legal Foundation & Establishing Effective Enforcement.

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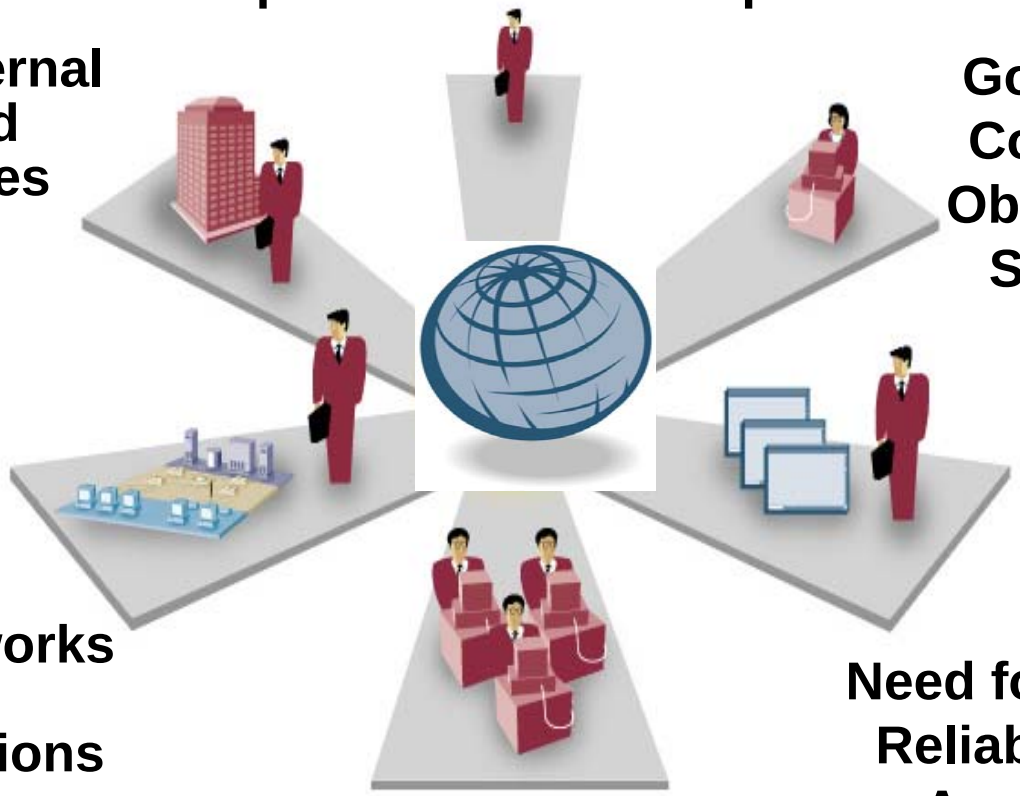
Cyber-Security Concerns:

Attacks are Increasing in Sophistication and Impact

External & Internal Threats and Vulnerabilities

Government Compliance Obligations & Standards



Complex Networks and New Applications

Need for Privacy, Reliability, and Availability

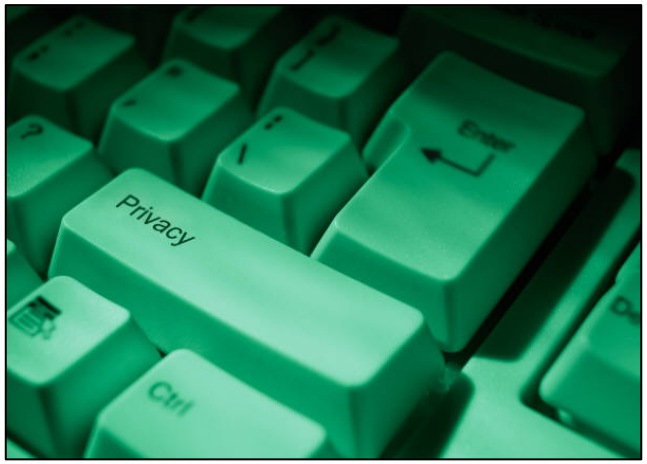
Web-based Commerce

Legislative Balance…

Legislation clearly needs to balance Privacy with the interests of National Security...

But Legislation also needs to keep up with Technology…

…and take into account new Communications Technologies.



We let people onto the Information Superhighway without seat belts….

“Building Blocks”

“Frameworks”

“Recommendations”

“Guidelines”

“Suggestions”

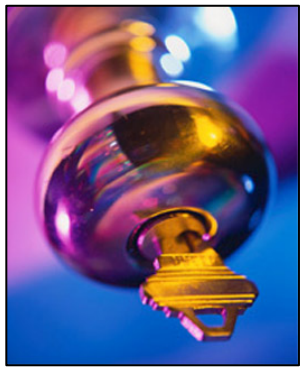
Variety of Global Security Standards…

ISO-2700x Series of Standards – specify the “what” -

ISO-18028 Series of Standards – specific the “how”….

….& delivers the Methodologies -

…using the ITU-T x.805 recomendations…



But none of this is Compulsory – it is all Voluntary.

Most Service Providers have an attitude of “Minimal Compliance”…

It is time we actually gave many of these “guidelines” some teeth….

Vendor Trust?

We also need to consider the position of Telco Vendors in the Cyber Security equation and explore “Vendor Trust” issues?

Vendors usually have complete and often unaudited access to all network designs, elements and active resources.

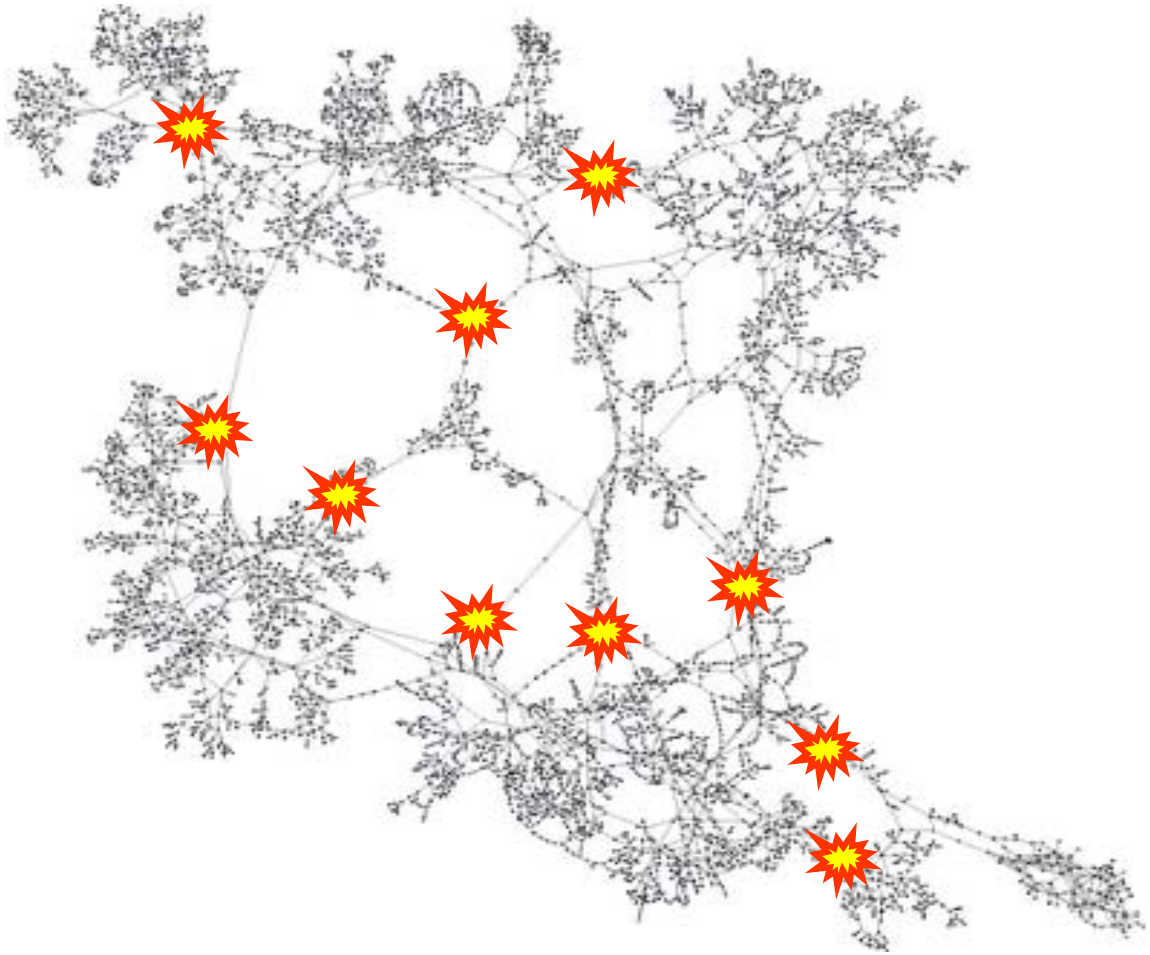
I can cite direct experience with vendors who have included “undocumented” access points into critical network elements.

There is currently no legislation (or Standards) controlling, monitoring or limiting this access.

How do we establish, control and monitor this Vendor Trust issue?

Need to dynamically Monitor Control Signaling & Change Requests.

Vendor Trust?



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We have the technology…

We just need the appetite to do the job properly….

Questions ?