Cyber Security Initiatives for the Infocomm Sector

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Why is Cyber Security important?

- Recent deliberate disruptions of critical automation systems prove that cyber-attacks have a significant impact on critical infrastructures and services. Disruption of these ICT capabilities may have **disastrous consequences** for the governments and social wellbeing.

- The Information and Communications (Infocomm) Sector is an integral component of the economy, underlying the operations of all businesses, public safety organizations, and government.

- Sophisticated Advanced Persistent Threats (APTs) (e.g. Stuxnet) will continue to evolve and may target infocomm sector
  - Widespread impact to voice and data services

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Partnering private sector operators

- Regulatory requirements
  - Secure and Resilient Internet Infrastructure Code of Practise (SRII-CoP) under Telecommunications Act
  - Compliance audits

- Information sharing
  - Build rapport
  - Maintain threat and vulnerability awareness
  - Exchange recent experiences

- Cyber exercises
  - Table top discussion
  - Technical capability testing

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Adopting a proportionate regulatory approach

- Expect more from incumbent operators
  - Higher impact if infrastructure affected
    - Impose **stringent** compliance requirements
  - Less volatile to compliance costs

- Allow smaller operators to grow
  - Lower impact if infrastructure affected
    - Impose **essential** compliance requirements
    - To review as business and impact grows
  - More volatile to compliance costs

Thank You