

# NASPI Certification and Testing Panel June 5, 2012

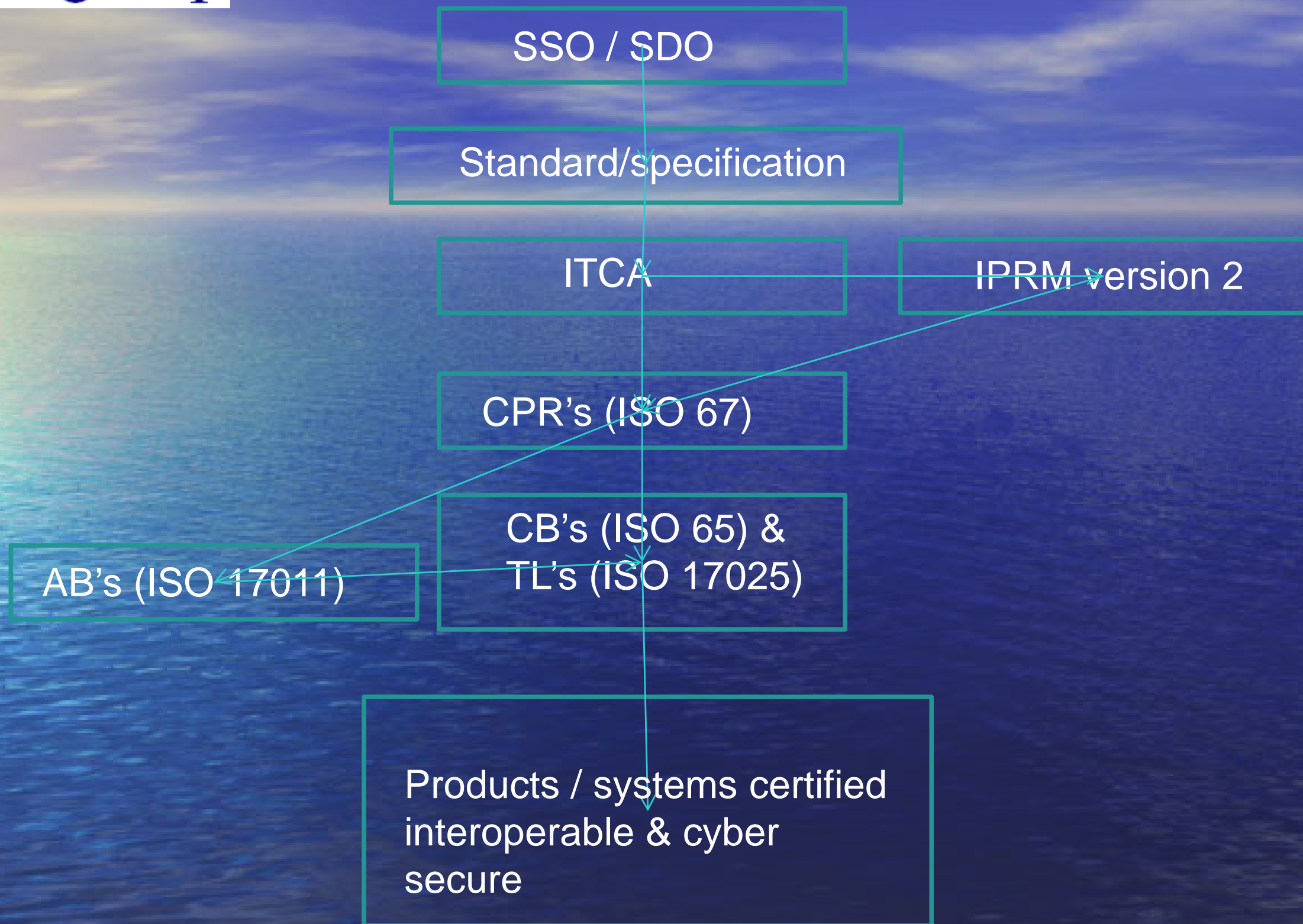
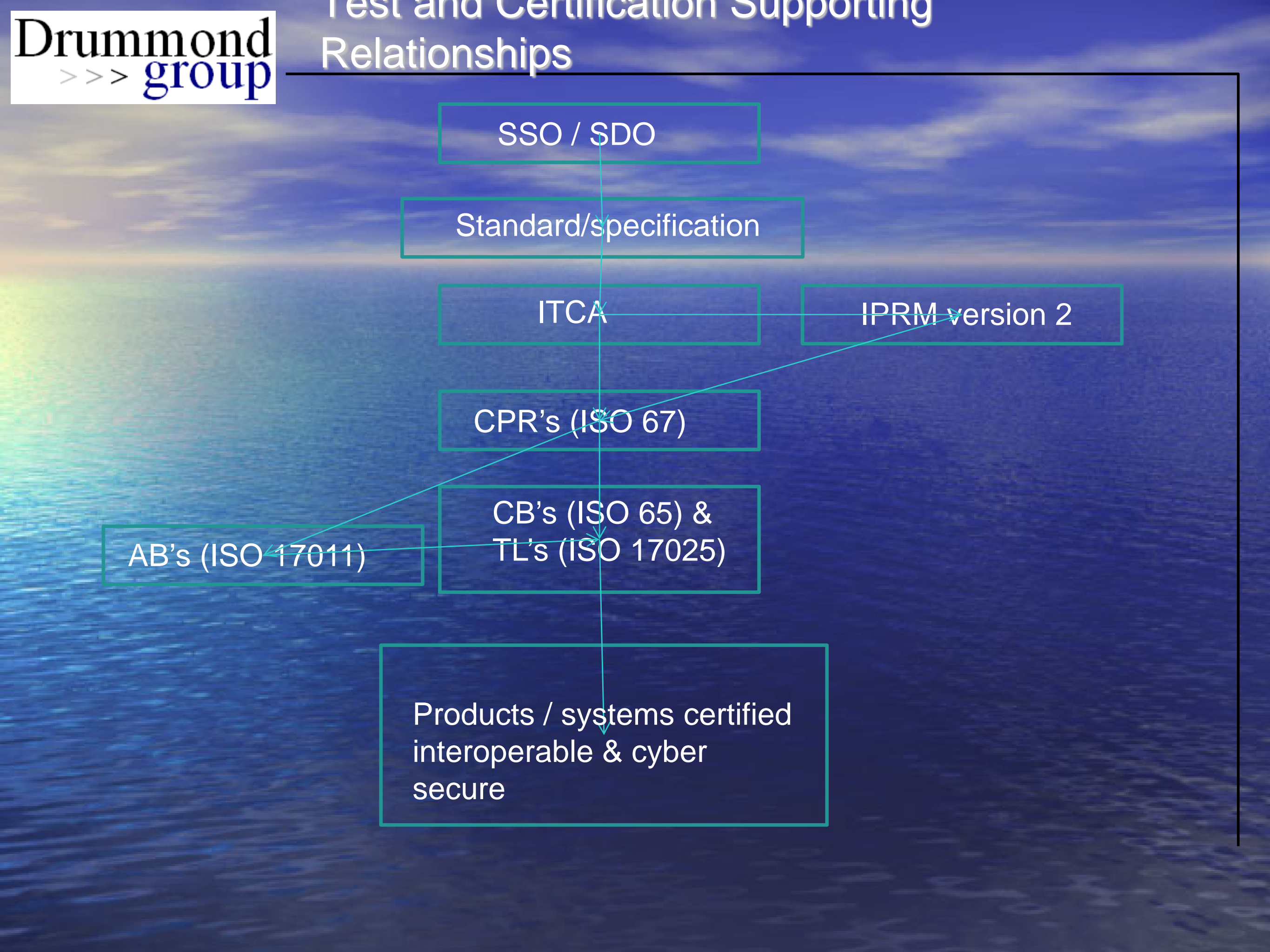
Rik Drummond

[rikd@drummondgroup.com](mailto:rikd@drummondgroup.com)

CEO, Drummond Group Inc

- Chair, NIST SGIP Testing and Certification Committee
- Board Member, NIST Smart Grid Interoperability Panel
- Board Member & Chairman Emeritus,  
DoE GridWise Architecture Council
- Author/Chair: RFC3335 & RFC4130
- Author/Chair: ebXML messaging v1.0

- Conformance programs test an individual product against an individual standard.
  - An assessment of whether a product conforms to specifically identified requirements within a standard or specification.
- Interoperability programs are multi-product tests using one or more standards to assess the ability of the products under test to communicate and work together.
  - Products that have been successfully tested for conformance to a standard provide a good baseline going into interoperability testing
    - but conforming products are not necessarily interoperable, thus the need to move to this next level of performance testing.
- Certification is a third-party attestation of successful conformance and interoperability testing





# Drummond >>> group Who is Drummond Group?

- DGI is an independent, privately held company that audits, tests and certifies software and drives adoption of technical standards by conducting cyber-security, interoperability and conformance verification
- Founded in 1999, DGI has tested thousands of products from around the globe for industries including:
  - healthcare,
  - retail,
  - grocery,
  - petroleum,
  - pharmaceutical,
  - financial services and
  - automotive