Cyber Protection of Space Assets

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Current Ops

• Stovepipes
  – No consolidated SMC enterprise architecture function/expertise

• “Juicy Targets”
  – Legacy systems designed for benign environment

• Traditional, Monolithic Range
  – Current construct drives serial ops

We have challenges looming over us
Actions

- Enterprise level standards
- Agnostic software
- Diversity in hardware gives resilience
- Defensive Cyber Operations
Range Ops

- Single Use/Single Mode
- Single Customer/locked config
- Ops Scrub = domino delays
- Obsolescence/sustainment costs
- Launch once every 72 hrs

- Multi-Use/Multi Mode
- Multi-User/Multi-Conf
- Scrubs contained to single user
- Tech Refresh/consumable
- Launch on Demand

Current construct drives SERIAL Operations

Future construct drives PARALLEL Operations
Questions?