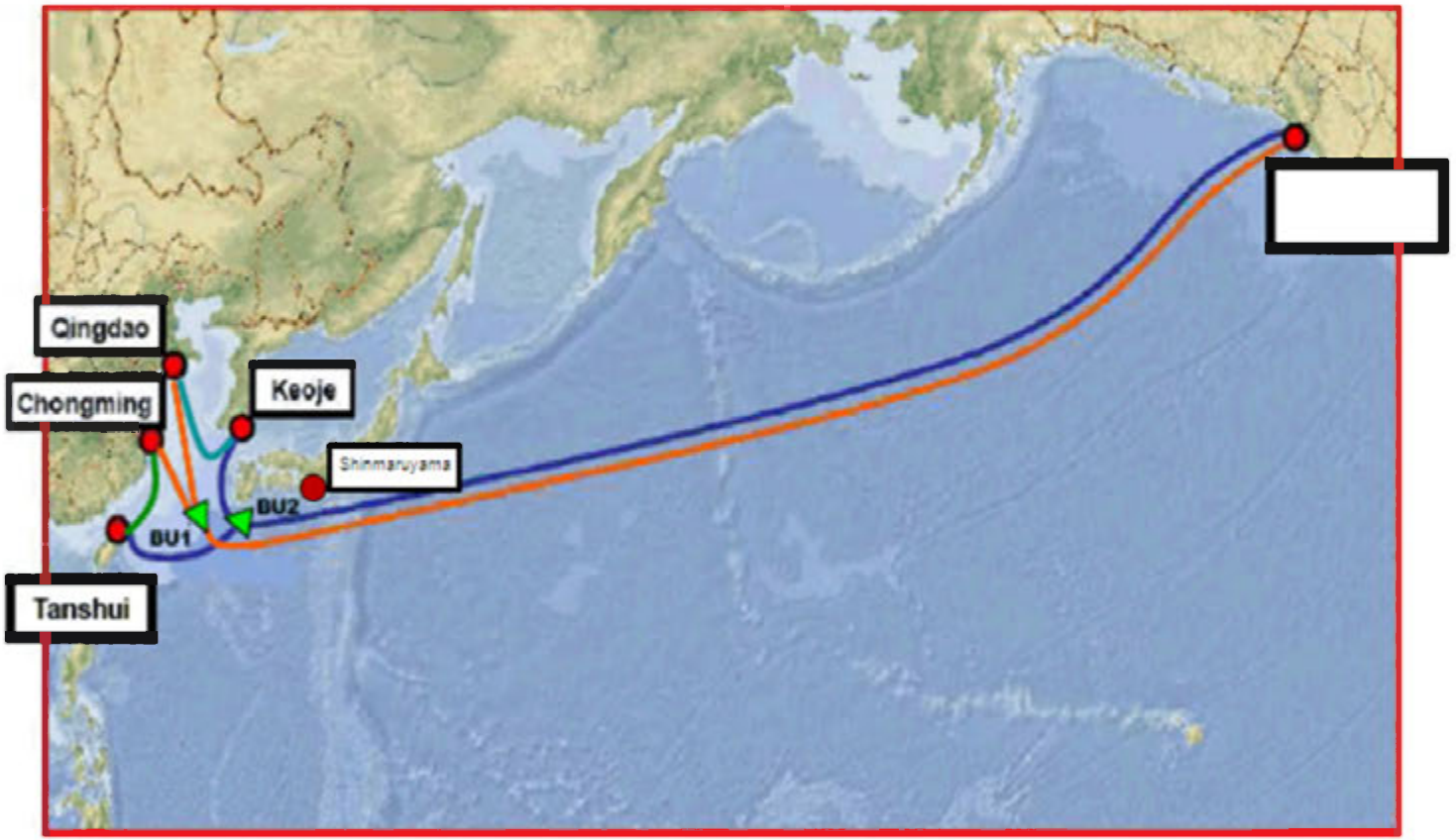
Cyber Threats and Special Source Operations

A Current Perspective for NTOC

[redacted]

March 22, 2013

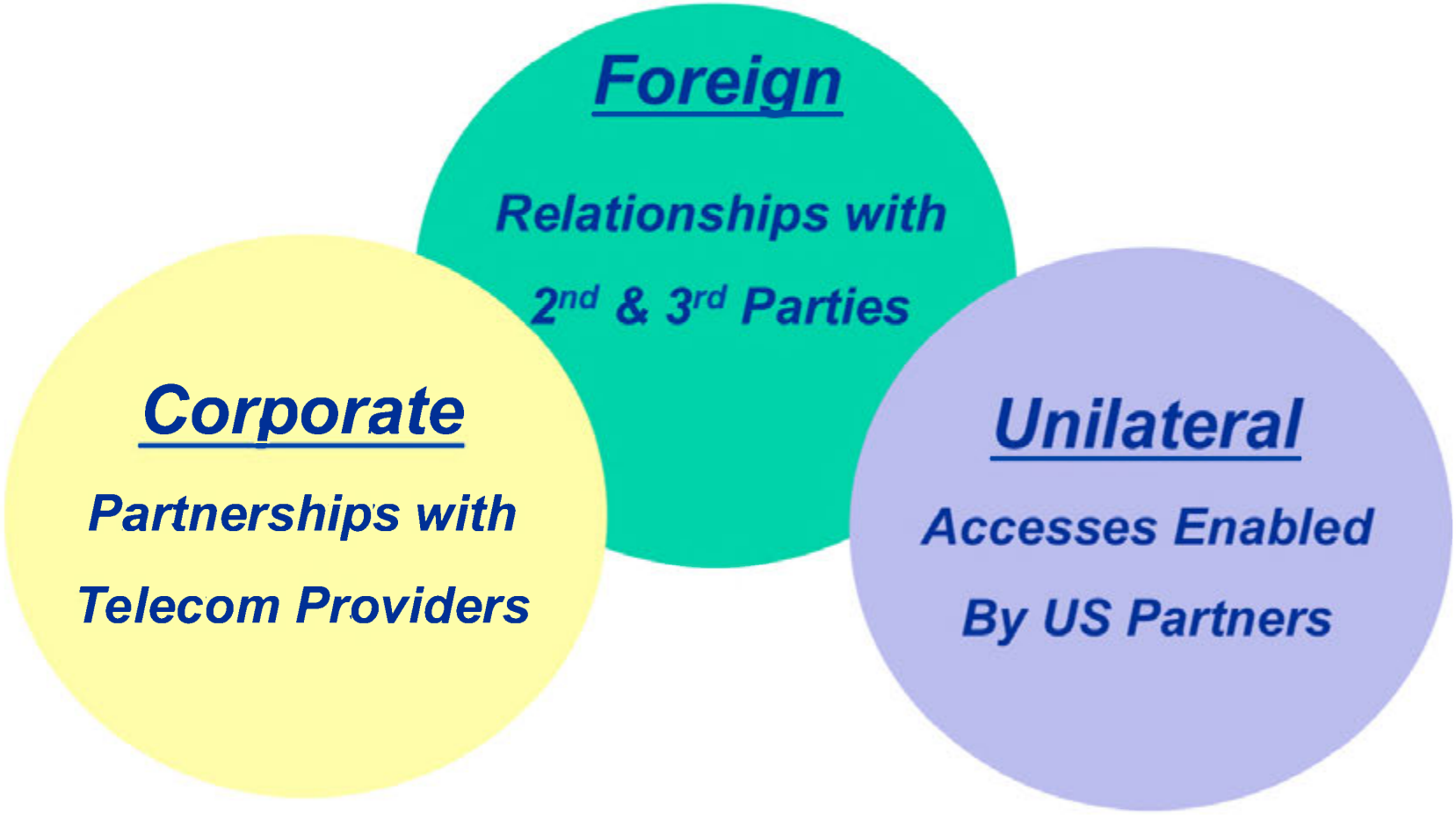
STORMBREW's BRECKENRIDGE Site was 100% Subsidized with CNCI Funding



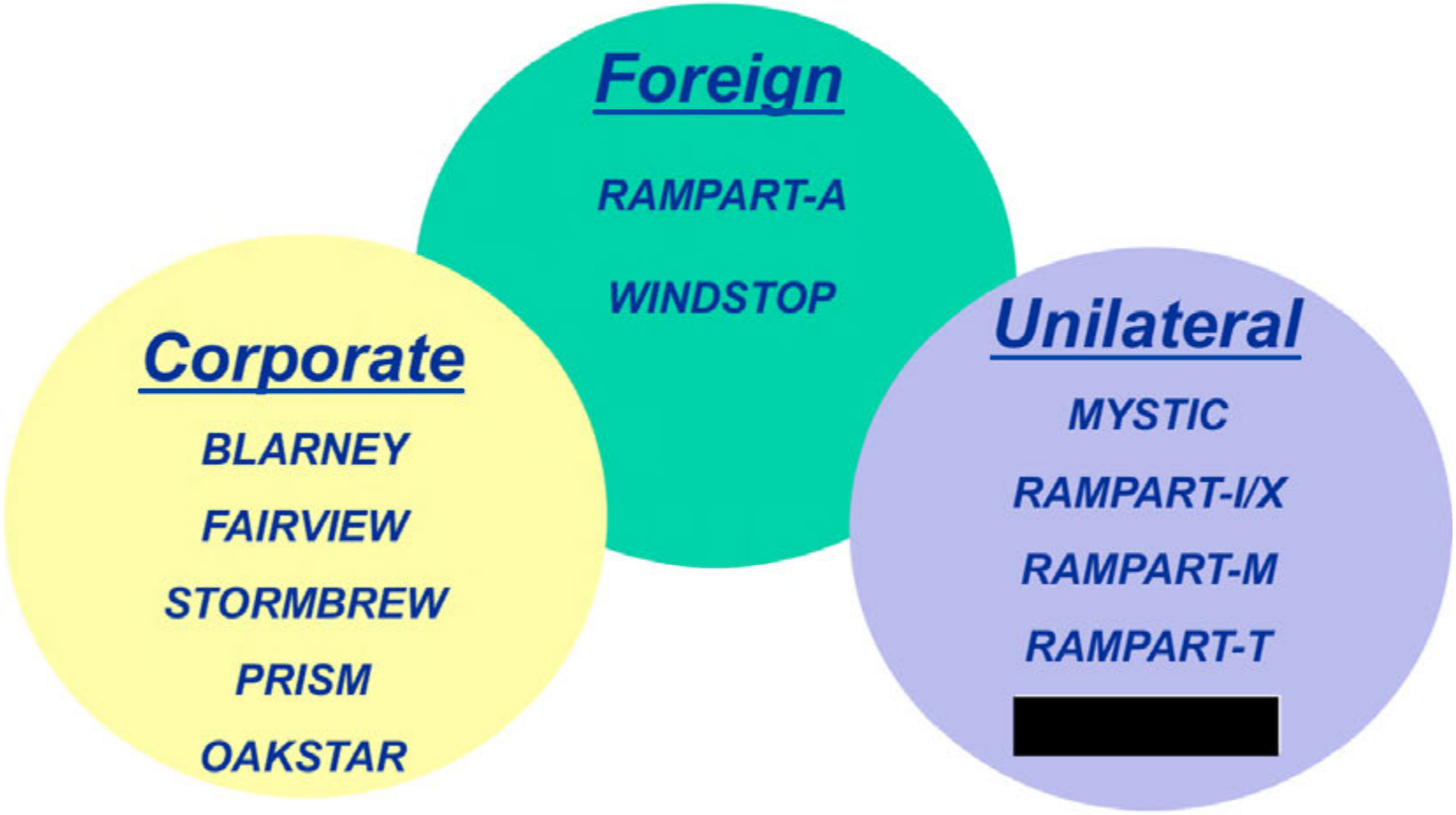
Why SSO?

- *SSO is "Big Data"*
  - *~60% of content*
  - *~75% of metadata*
- *We're different*
  - *Nuances of individual programs*
- *Tremendous potential*
  - *Need NTOC to guide SSO*

SSO Access Portfolios



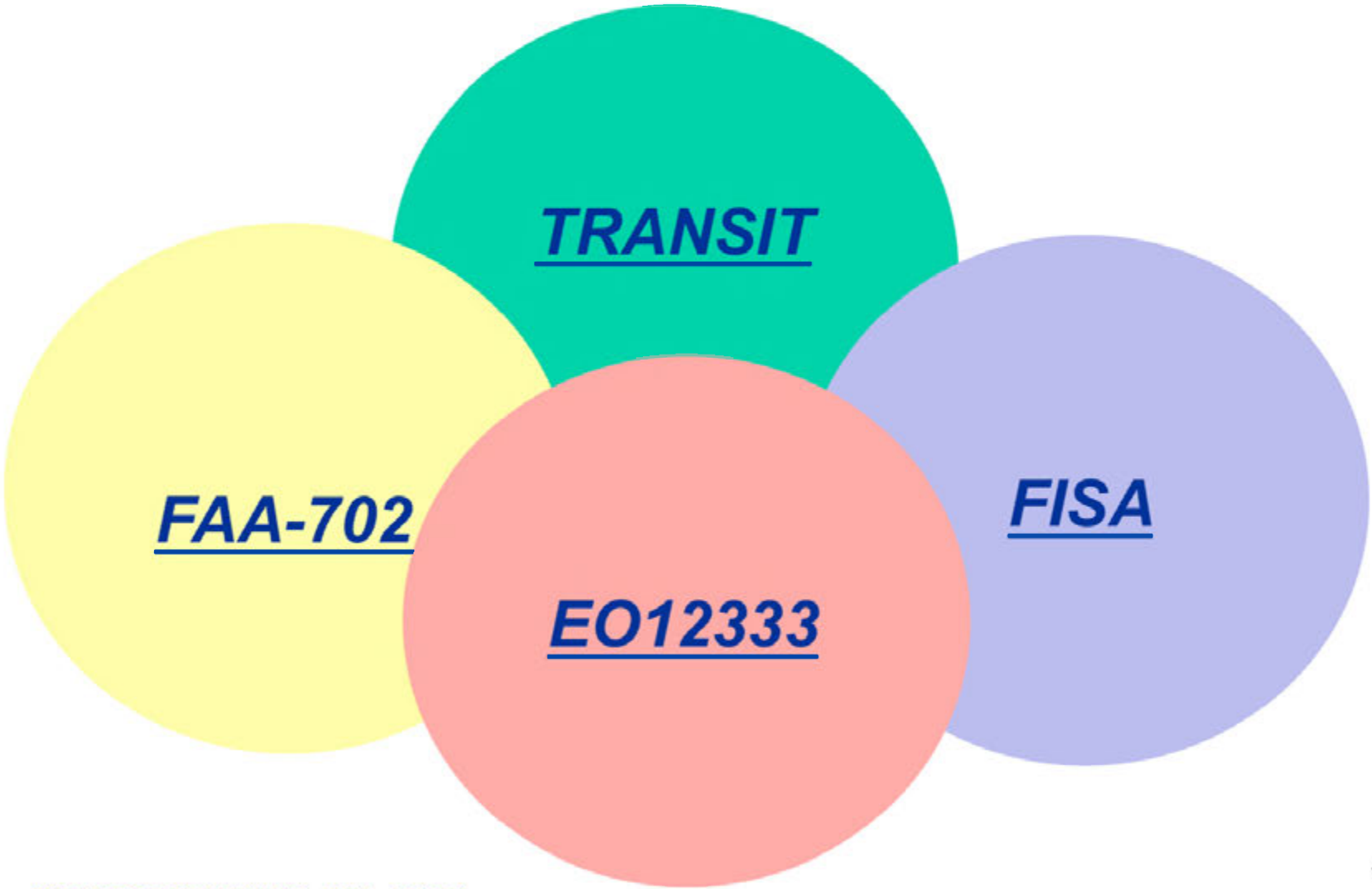
SSO Access Portfolios



Partner Constraints

- Foreign
  - All Targeting/Signatures exposed to 2P/3P partner for approval
  - Partner approves new capabilities
- Corporate
  - FISA, FAA, TRANSIT authorities
    - *Requires FISC/DoJ permission for capabilities*
  - Partner approvals for capabilities (in some cases)
- Unilateral
  - Power/Space/Cooling at site
  - Bandwidth for data forwarding
  - Risk of site compromise

Authorities



Authorities