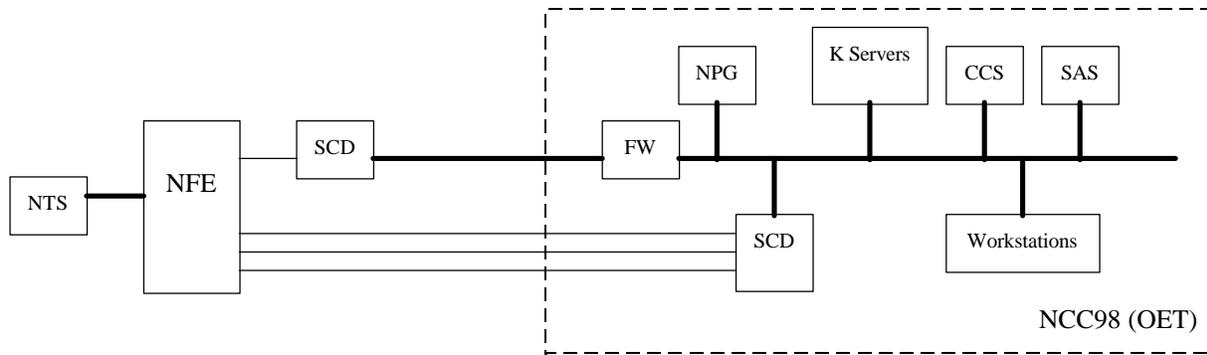


Title: CSA 1.3 Operations Scenario for Enhanced Acquisition Data Management**Objectives:**

- Verify receipt and validation of:
 - FTP Transfers (FTP GETs)
 - Vector data from FDF & customers
 - OPM Vector Data (real-time mode and emergency)
 - On-orbit (Stable)
 - Ephemeris
- Verify vector
 - storage
 - editing, copying, adding and deleting
- For vector dissemination capabilities, verify:
 - reviewing details of a pending transmission
 - adding and deleting a destinations
 - creating, activation, suspension and deleting Vector Transmission Rule Sets (VTRS)
- Verify the local transmission of:
 - OPM Vector Data using the **Operationally Defined** Transmission Rule Set
 - Manual
 - Delaying a vector Transmission
 - Viewing a Transmission Status
 - Terminating a Vector Transmission
 - Enabling and Disabling a Vector Transmission
 - Semi Automatic
 - Automatic
 - Characterized STS abort scenarios and hourly vector management
 - Delta T (internal and external)
- Verify applicable action/info alert data.
- Execute delog reports using the NCD
- Characterize effectiveness, usability, and timeliness of new GUI capabilities.
- Train Performance Analysts and Acquisition Tracking Personnel and fill out skills catalogs and Training Event Reports (TERs)
- Document Verification

Configuration:

System will be configured using NTS as a Network Simulator.



Data Source: Custom NTS data.

Note: *Italicized steps are performed by NSIA, all others are performed by the operator.*

Prerequisites:

1. *Verified NTS Test Data-The complete series of message type 03 messages that would originate from FDF and a MOCC*
2. *Verify LandSat Vectors for FTP*
3. *NCC98 Data Base updates to permit at least one normal user(ISS) and one STS configured for virtual Spacecraft Operations*
4. *Configure system in accordance above diagram.*
4. *Ensure Accounts/Passwords are available for test and applicable operations personnel.*

Ops Scenario:

Acquisition/Track - PA

1. Review vector data and ensure that retention is equal to/or less than 36 hours.
2. *From the NTS, simulate a daily transmission of operational users.*
3. *From a Simulator MOCC Platform, transmit to the FTP server a daily transmission of LandSat Vectors.*
4. Perform a "FTP Get"
5. For Each transmission verify:
 - Message/Vector Validation
 - Vector Storage - Primary versus Secondary
6. *Repeat Step 1 through 3 - verify vectors received in the first transmission moved from primary to secondary storage.*
7. Manually move vectors from primary to secondary storage.
8. *From the NTS and Simulator, transmit IIRVs with invalid checksum*
9. *From the NTS, transmit STS launch and abort sequences.*
10. For Each transmission verify:
 - Message/Vector Validation
 - Vector Storage - Primary versus Secondary
11. Using Type 8 Vectors, demonstrate the capability to copy, edit and delete vectors.
12. Add a new Type 8 vector
13. Manually transmit all vectors to SGT only
14. Add a new destination (WSGT)

