



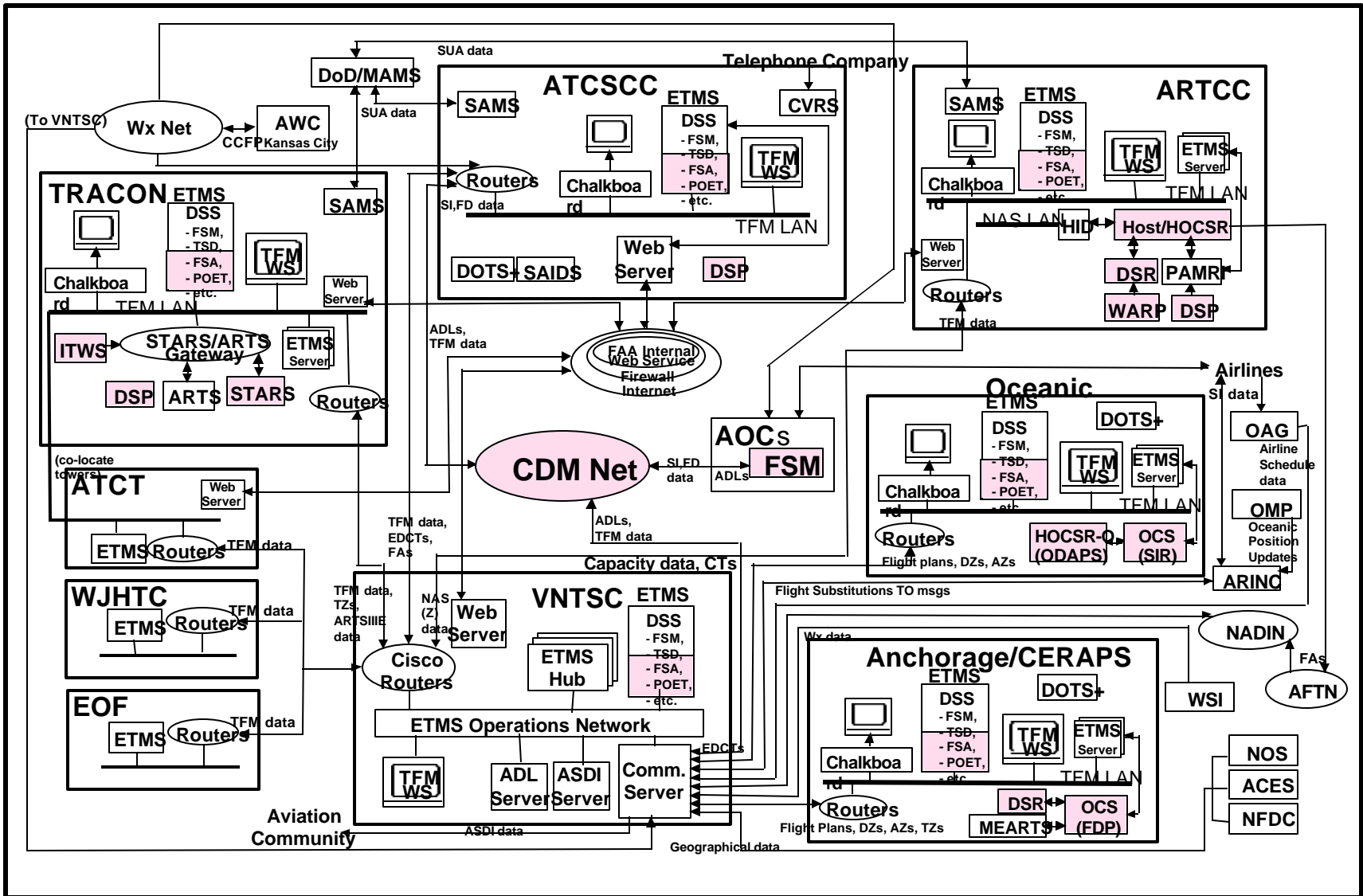
All-Weather Decision Support Planning Workshop  
Traffic Flow Management (TFM) Session  
Enhanced Traffic Management System (ETMS)

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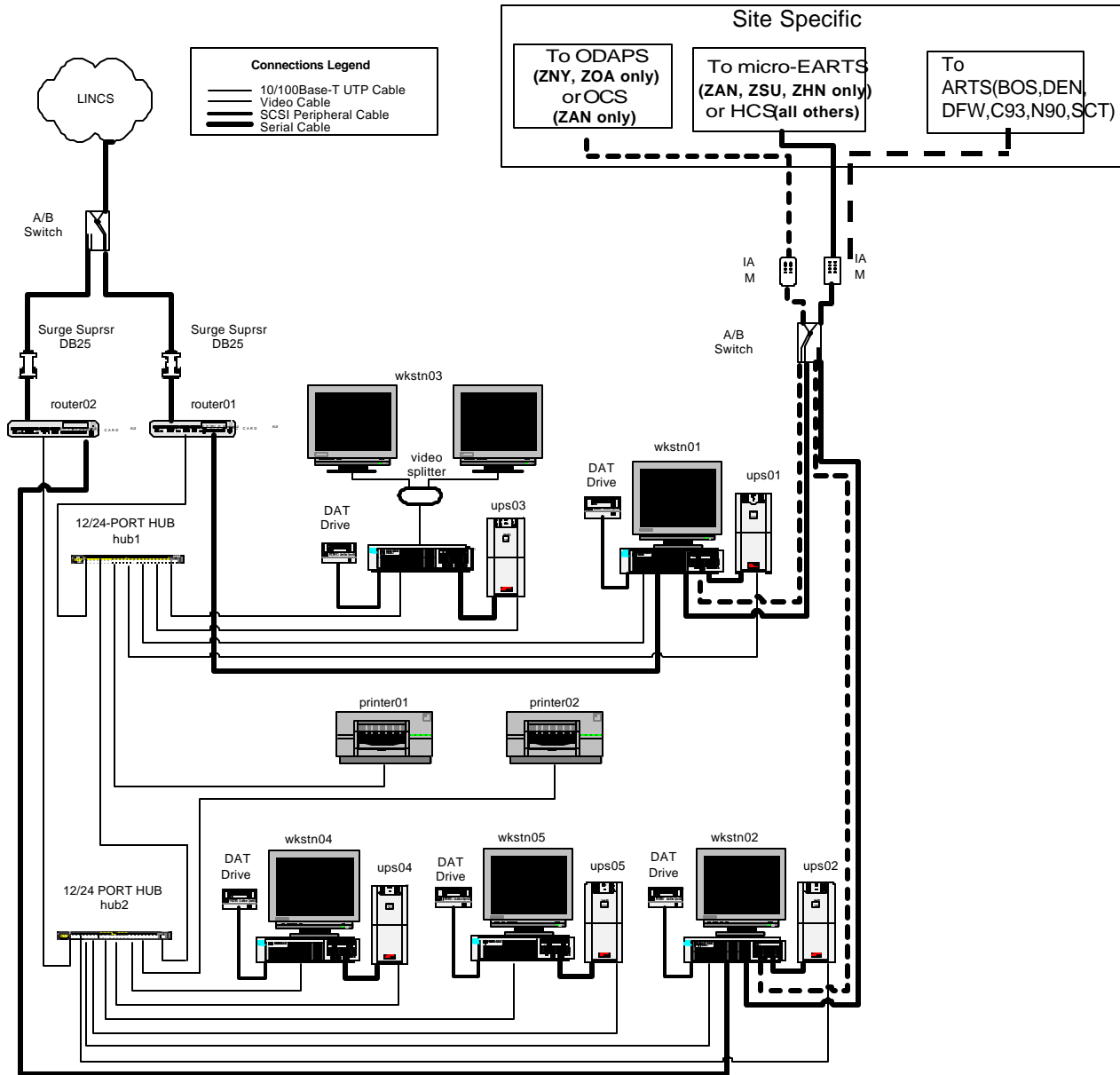
# TFM Architecture Overview



**TFM & CDM**

New Systems, Applications, Interfaces

# Typical ETMS Site Configuration



# ETMS Weather Requirements



- **ETMS Weather Source – Weather Services International (WSI)**
- **Products:**

Product Name	Product Mnemonic	Product Type	Product Size (Bytes)	Transm. Frequency
TAF/METAR Text Messages	File	A/N	60 KBytes	Every 10 Mins
RUC Grid Winds	File	Binary	Variable	Every 3 Hours
Radar Images (cloud tops, 2km, volcanic)	File	Binary	160/60 KBytes	Every 5 Mins
Lightning Data	File	Binary	10 KBytes	Every 5 Mins

# TFM Areas of Opportunity



## Opportunity

- Consolidated Weather Sources
- Common Weather Distribution (Local, Wide Area)

## Leverage

- AUA System Engineering Cross-Cutting Team
- ETMS local and wide area distribution network
- Existing work