

GOES-R Impact on NCEP Computing: Enterprise Framework for High Performance Environmental Processing



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- The Harris SOA based ground system architecture is composed of services for EM, MM, PG, & PD
- Fault tolerant data movement via the ground system's Enterprise Service Bus ensures NOAA's mission critical applications run reliably
- Fast, reliable product processing efficiently manages the complexity of NOAA's GOES-R science mission, leveraging multiple HPC and high reliability technologies:
 - Parallel processing at the image block level in an HPC cluster
 - Redundant, high bandwidth, low latency data access through a high performance data fabric

