The Ground Segment Architecture for GOES-R

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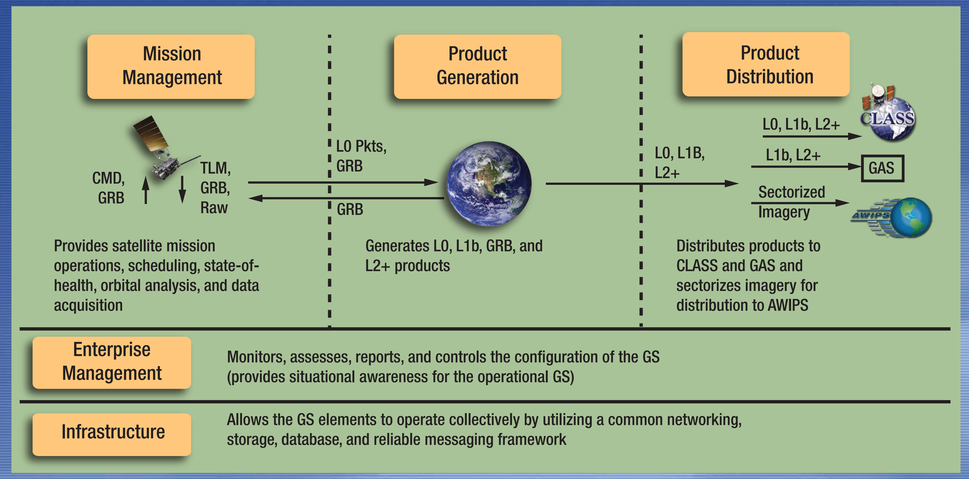
GOES-R Ground System Elements

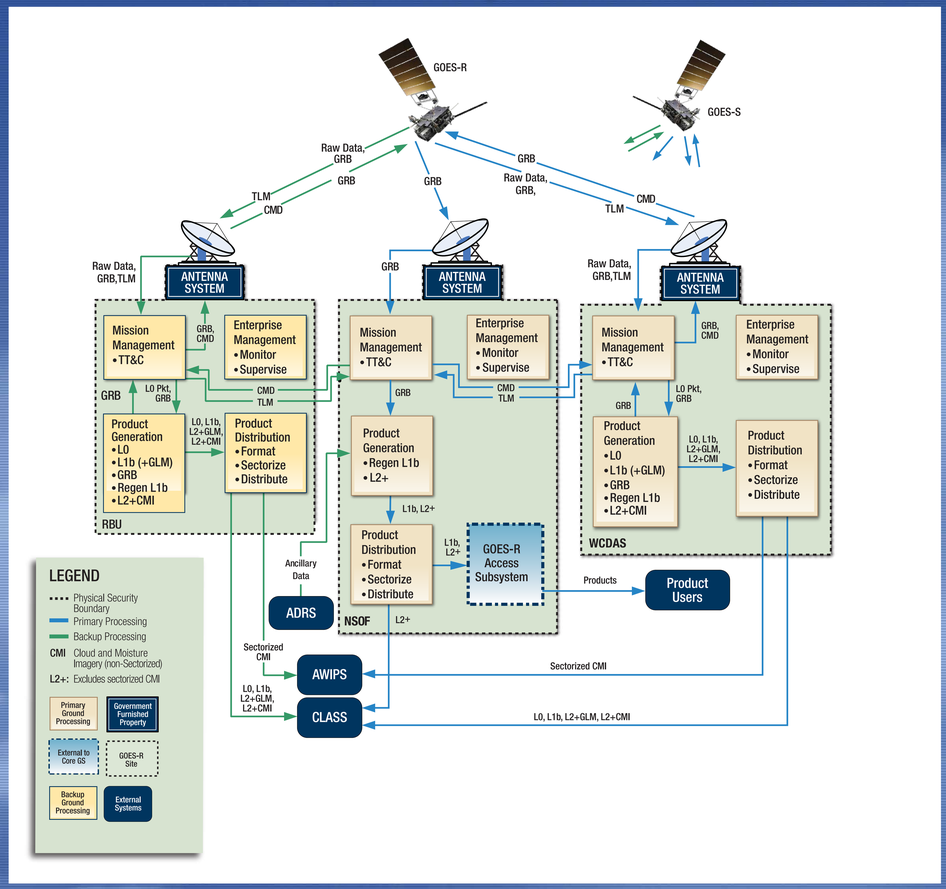
- Mission Management (MM)
- Product Generation (PG)
- Product Distribution, and
- Enterprise Management and Infrastructure (EM/IS)



Data levels

- L0 raw data
- L1b calibrated, navigated data on a fixed grid
- GRB L1b data uplinked for rebroadcast
- L2+ products generated

GOES-R Ground System Architecture



Ground system element assets are distributed over three sites:

- WCDAS (Wallops Command and Data Acquisition Site, Wallops, VA)
- NSOF (NOAA Satellite Operations Facility, Suitland, MD)
- RBU (Remote Backup Site, Fairmont, WV)

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