



# NESDIS' Evolving Process to Meet Requirements

Presented to: NOAA/NESDIS Workshop  
Consideration of Commercial Data to Address Our Priority Data Needs

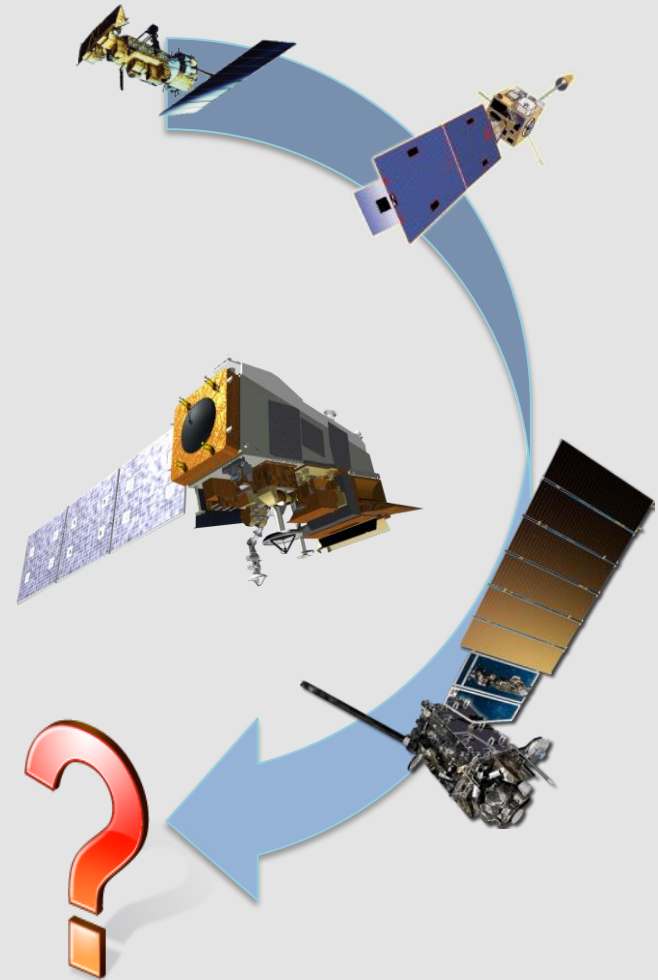
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NOAA Satellite and Information Service



# Where is the NOAA process now?

- About to launch our newest fleet of satellites: GOES-R and JPSS series
  - This sets NESDIS' space-based observational backbone in place for the next 15–20 years
- Future requirements and architecture being scoped and planned
- NOAA Commercial Satellite Policy in Administration review
- Commercial interactions:
  - Solicit industry input





# NOAA Moving Forward

- NOAA will determine future capabilities through requirements development and architecture study findings.
- These capabilities will include examination of existing and future technologies, services and missions.



# Representative Mission Assurance Characteristics for NOAA Data

- Data quality
- Long-term sustainability and support
- Reliability / timeliness
- IT security
- Data formats and content
- Pre-operational availability for testing / integration
- Cost-effectiveness
- Downstream access to data

(List not inclusive)



# Notional Timeline

- NOAA Commercial Satellite Policy: Summer 2015
- Initial NOAA requirements set developed in tandem with framework of architecture study: Fall 2015
- Next engagements with commercial industry: Winter 2015–16, Summer 2016
- NOAA Architecture Study: Late 2016 and then iterative
- Commercial industry re-engagement: Winter 2016–17
- Pre-formulation planning: 2017–19
- Additional commercial interactions

A photograph of a snowy mountain peak at sunset. In the foreground, several satellite dish antennas are mounted on stands. To the right, there is a small, dark, rectangular building with a antenna on its roof. The sky is filled with soft, colorful clouds in shades of orange, yellow, and blue. The sun is low on the horizon, creating a bright glow. The overall scene is serene and suggests a remote, high-altitude location.

# Discussion

**What else does NOAA need to consider?**

**How can we best engage with your companies?**