Commercial Space: An Overarching Framework

**Constellation Enablers**
- Small Satellite Bus
  - Hardware
  - Bus Form Factor
  - Power
  - Propulsion
  - Communication
  - Software
- Small Payload Launch
  - Low-Cost Rocket
  - Ride Share

**Payload Technologies**
- Imaging
  - Optical
  - FMV
  - Hyperspectral
  - Microwave
  - Thermal Infrared
  - SAR
- Non-Imaging
  - Communications / SATCOM
  - RF (incl. AIS) detection
  - Radio Occultation

**Content Analysis**
- Sensor Analysis
  - Anomaly Detection
  - Pattern of Life
  - Raw Data
  - Sensor Fusion
- Predictive Analytics

**Content Delivery**
- Broadband
  - Fixed Satellite FSS
  - Mobile Satellite MSS & GPS

**Mission Management**
- Sensor Integration
- Orbital Maneuvers
- Communication Enhancement
- Autonomous Tasking

**Ground Capabilities**
- Processing & Visualization
- Ground-Based SSA

**Ground Stations**
- Dedicated
- Deployable
- Mobile
- Direct

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