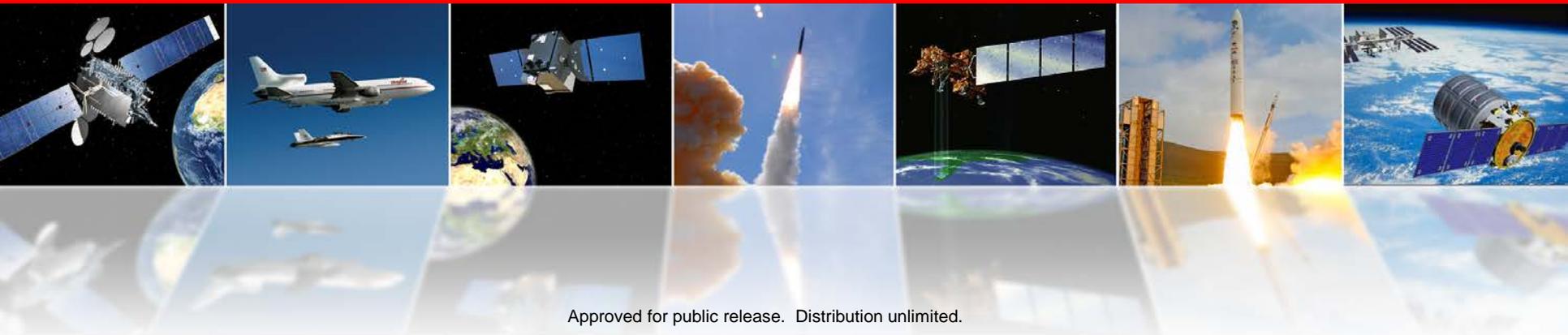




# An Introduction to Orbital Sciences Corporation

May 2012



# Orbital Overview

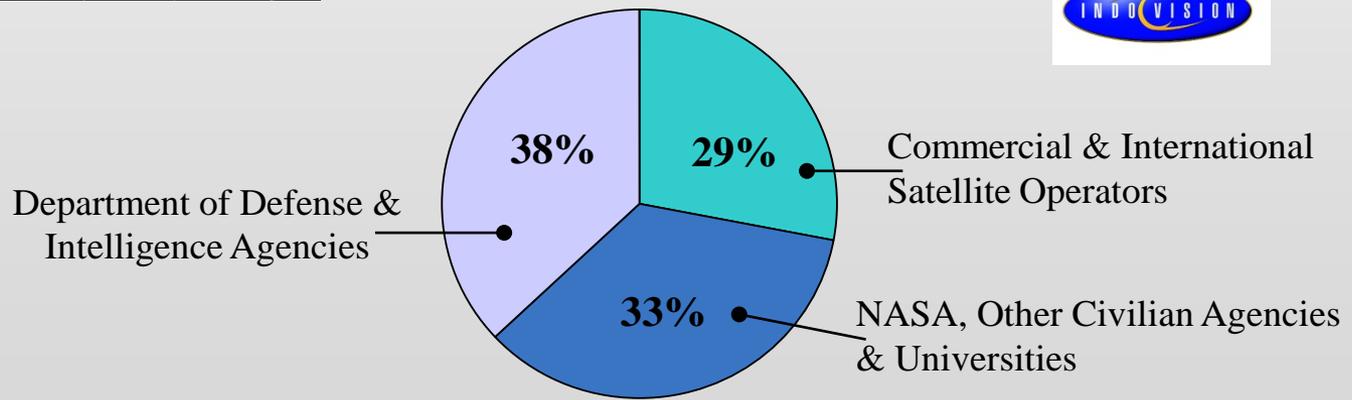
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- **Leading Developer and Manufacturer of Small- and Medium-Class Space Systems**
  - 30-year record of reliable, rapid and affordable development and production
  - Serving customers in commercial, national security and civil government markets
- **Over 1,000 Satellites and Launch Vehicles Built or Under Contract for Customers**
  - 205 satellites and space systems
  - 170 space and strategic launch vehicles
  - 635 target vehicles and sounding rockets
- **3,700 Employees and 1.7 Million Square Feet of State-of-the-Art Facilities**
- **Revenues of About \$1.5 Billion Expected in 2012**
- **Contract Backlog Totals \$5.3 Billion for Delivery Through 2018**
- **Conservative Balance Sheet with Strong Liquidity**

# Diversified Multi-Market Customer Base



LABORATORY FOR ATMOSPHERIC AND SPACE PHYSICS  
@ university of colorado - boulder



**2011 Revenues by Customer Type**

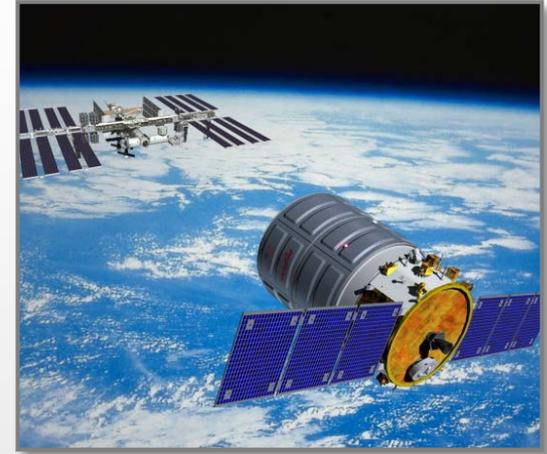
# Well-Balanced Business Segments



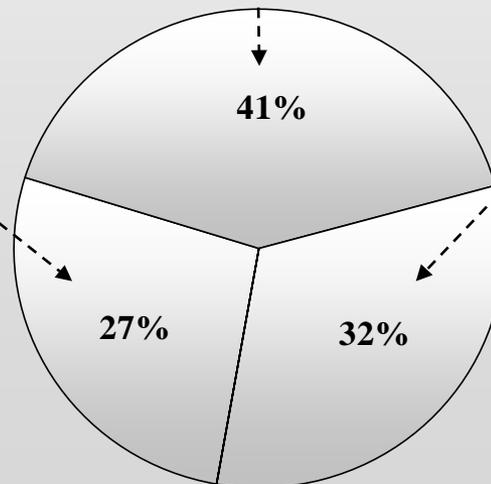
**Launch Vehicles**



**Satellites and Space Systems**



**Advanced Space Programs**



**2011 Revenues ~\$1.35 Billion**

Approved for public release. Distribution unlimited.

# Over 730 Space Missions Since 1982\*



71 Commercial Satellites



67 Government Satellites



40 Space Payloads



70 Space Launch Vehicles



185 Interceptor & Target Vehicles



303 Sounding Rockets

\*April 1982-February 2012

# Satellite and Space Systems Experience



## Commercial Satellites

- GEO Communications
- LEO Communications
- LEO Imaging

## Mission Record

- 71 Launches Since 1982
- 97% Mission Success

## Production Backlog

- 8 Units in Backlog

## Science & Exploration Spacecraft

- LEO Earth & Space Science
- ISS Cargo Logistics
- Deep-Space Exploration

## Mission Record

- 28 Launches Since 1982
- 96% Mission Success

## Production Backlog

- 14 Units in Backlog

## National Security Satellites

- LEO Missions
- GEO Missions

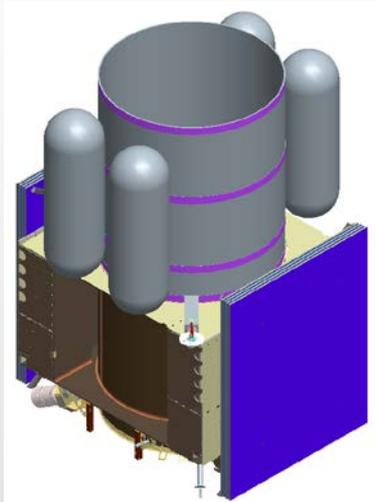
## Mission Record

- 39 Launches Since 1982
- 97% Mission Success

## Production Backlog

- 3 Units in Backlog

**77 Satellites in Current Operations... Over 950 Satellite-Years of Experience**



Space Servicing /  
Refueling

## Services Include:

- Rendezvous and Docking and Transfer Fuel to Client Satellite
- Relocation of Satellites to Different Orbital Slots or to Different Orbits
- De-Orbiting Satellites that are at the End of Their Lives
- Rescue and Re-Orbiting of Satellites Stranded in Incorrect Orbits
- Situational Assessment

## Mission Expertise:

- Proximity Operations – Orbital’s COTs Mission
- GEO Bus – Orbital’s GEOStar Platform
- Skilled Engineering Support Services