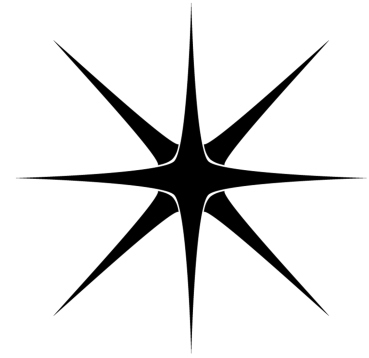


# NOVA



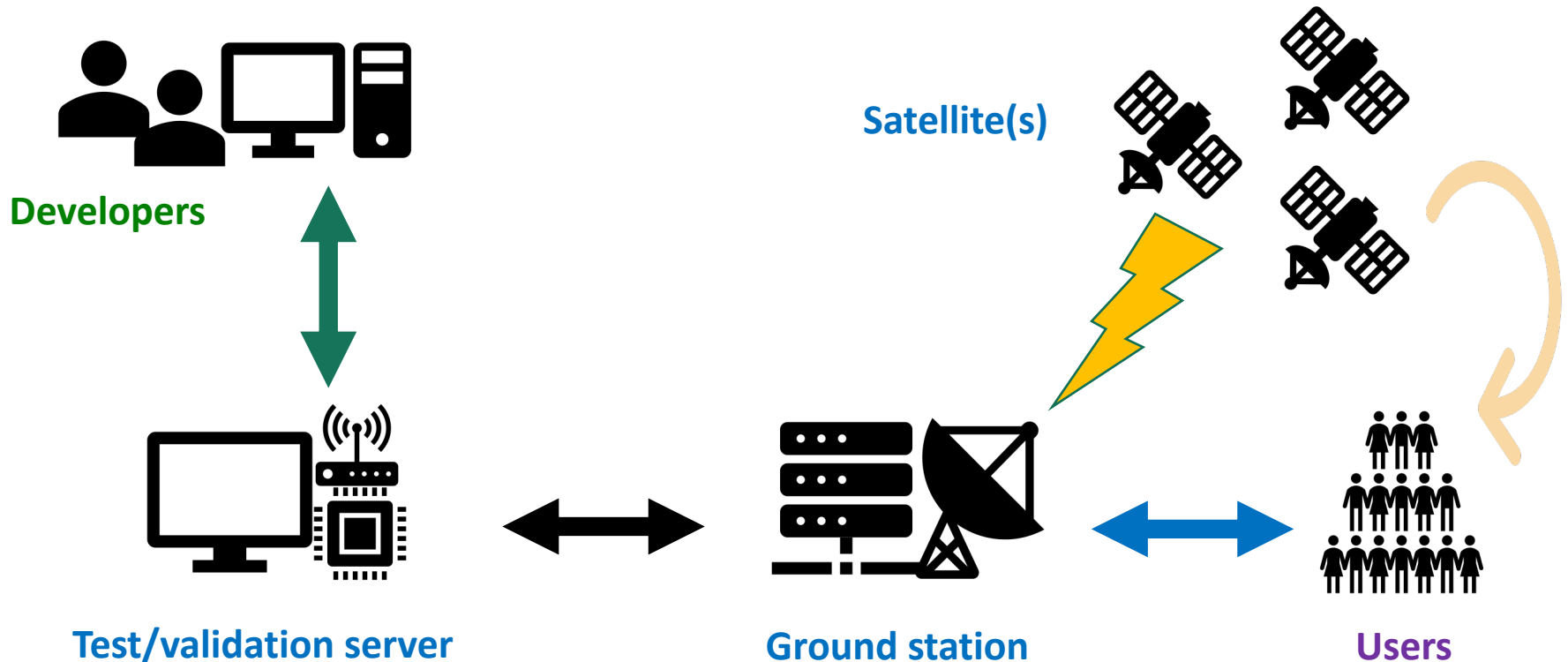
***“Crowd-Flyable Satellite Mission”***

<https://www.exodusorbitals.com>

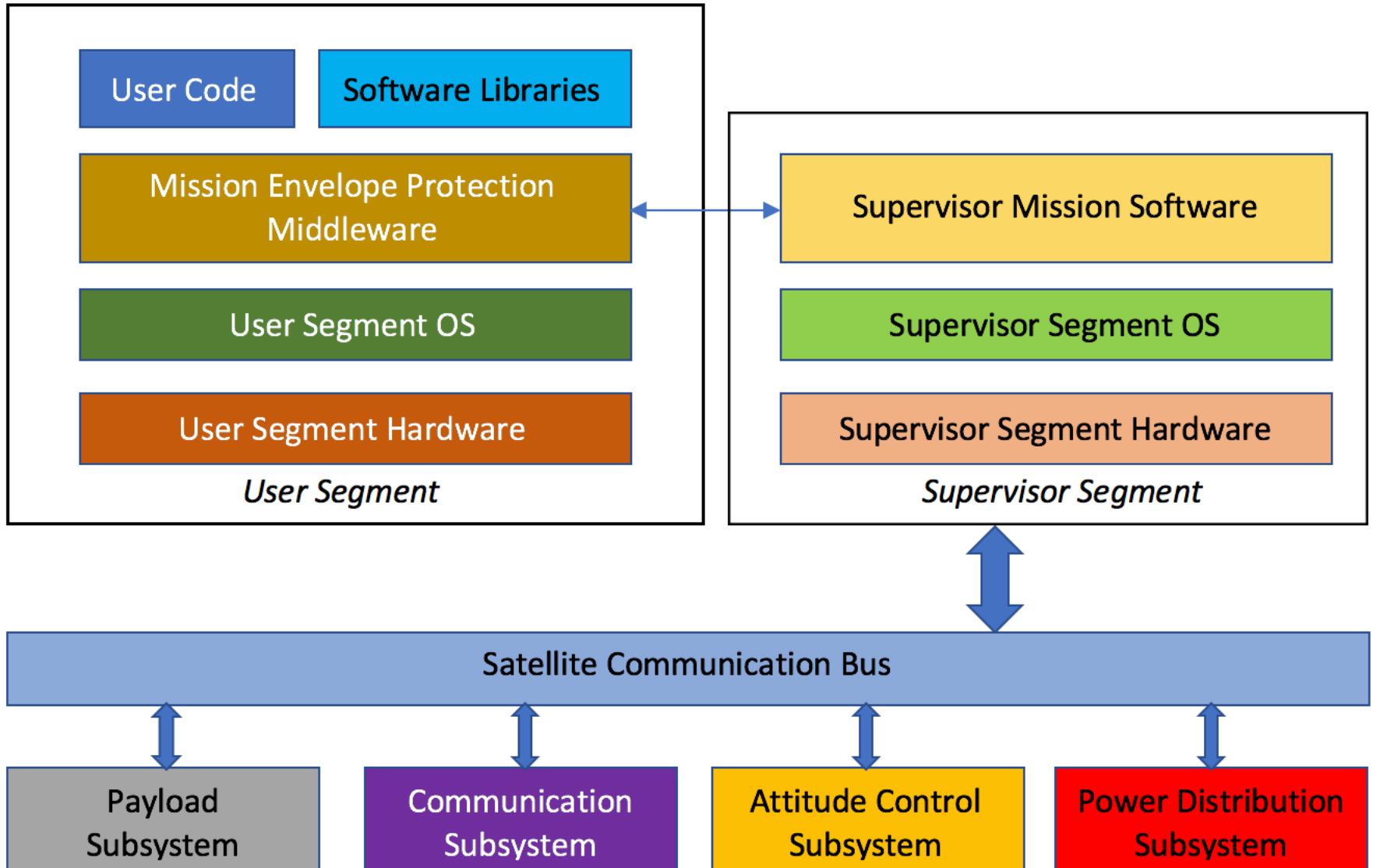
[contact@exodusorbitals.com](mailto:contact@exodusorbitals.com)

# NOVA Mission - Architecture

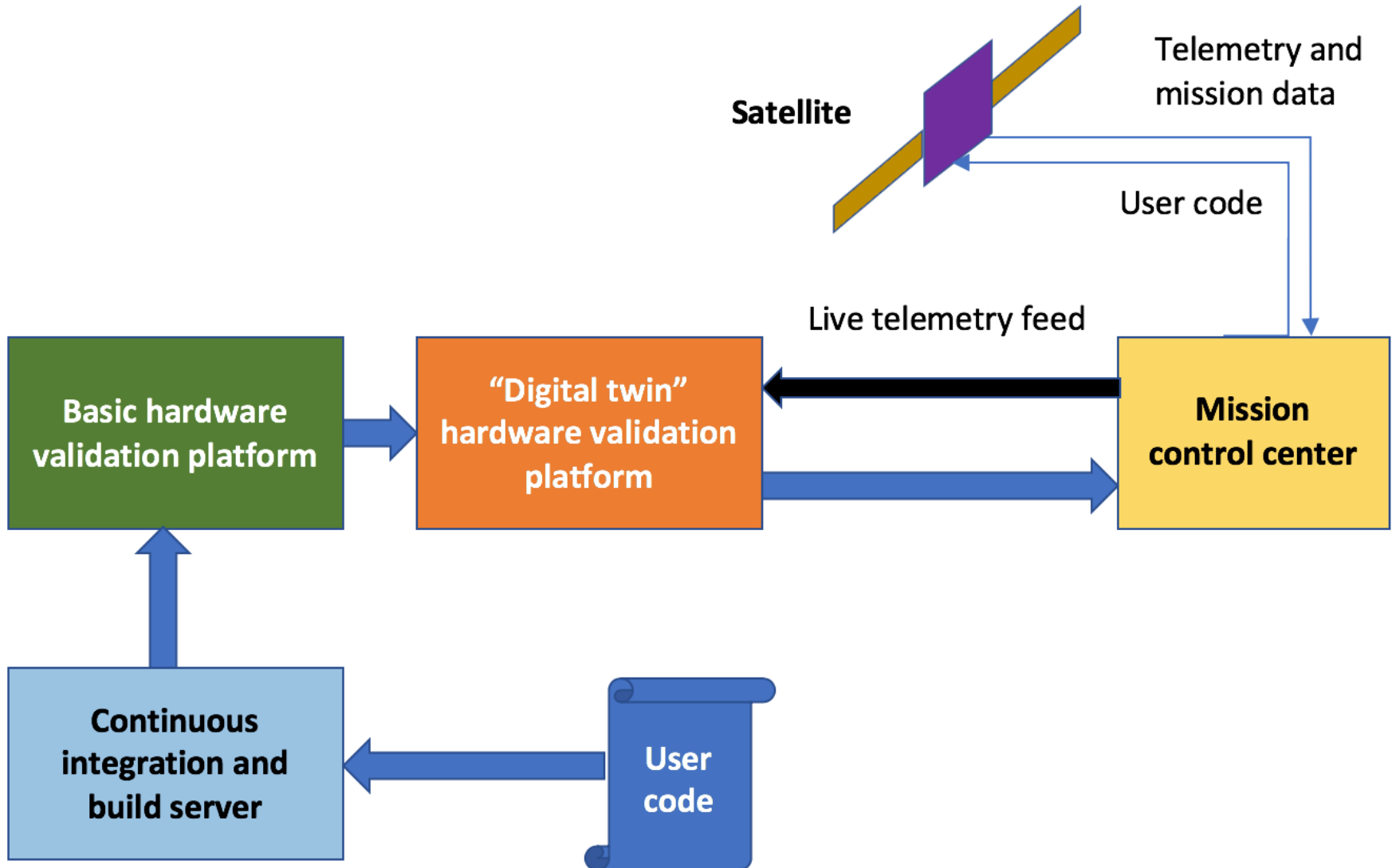
- We take care of the **infrastructure** (ground and space segments)
- **Your code** defines satellite mission (“software-defined satellite”)



# NOVA Mission – Space Segment



# NOVA Mission – Ground Segment



# Application Examples



## Space Labs – One-Time Research Projects

- Space-qualification of satellite control software
- Space-based algorithms development:
  - Data compression/error correction.
  - Inter-satellite link protocols
  - Mission planning and autonomous operations
  - Automatic collision avoidance systems



## Space Apps – Continuously Running

- Continuous delivery of customized GIS data
- Data fusion using multiple satellite instruments
- Remote asset tracking and monitoring
- Natural disasters monitoring and prediction