

# Technology Integration

Integration Services for Hardware and Software



Sidus Space offers a streamlined, cost-effective path to orbit through our LizzieSat® platform, integrating customer technology to meet diverse mission objectives across government and commercial sectors.

From communications and Earth observation to national defense and remote sensing, our team delivers seamless integration backed by deep expertise in space systems development. We ensure every mission meets the highest standards for performance, reliability, and launch readiness.

## Key Benefits

- » **Accelerated Timelines** - Achieve faster deployment compared to traditional satellite procurement, reducing time from concept to launch
- » **Expert Guidance** - Benefit from our hands-on support across design, construction, payload integration, testing, and mission monitoring
- » **Cost-Effective Solutions** - Reduce costs and risks associated with launching, ground infrastructure, and de-orbit operations
- » **Sustainable Operations** - Contribute to space sustainability by minimizing satellite proliferation through hosted payload solutions

## Process and Applications

### How Technology Integration Works

Sidus enables efficient access to orbit by integrating sensors, instruments, and other payloads onto scheduled LizzieSat® missions. These hosted platforms utilize available size, weight, and power margins to accommodate third-party payloads, eliminating the need to build, launch, and operate a dedicated satellite.

By leveraging shared infrastructure, customers benefit from reduced costs, faster deployment, and simplified mission logistics, all while maintaining access to high-performance space systems.

### Applications

- » Communications
- » Earth Observation
- » National Defense
- » Remote Sensing
- » Space Situational Awareness
- » Technology Demonstrations



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