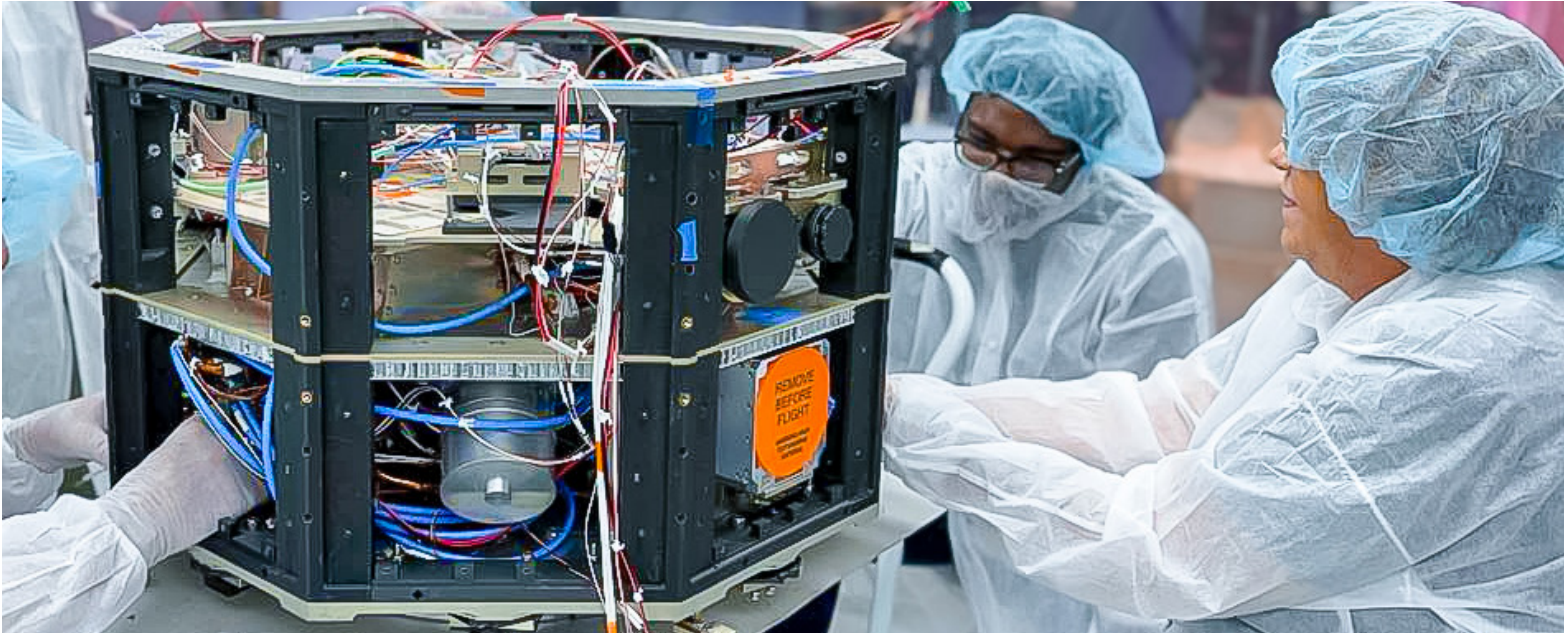# Technology Integration
Integration Services for Hardware and Software

Cost Effective and Rapid Access to Space

Sidus Space's technology integration makes use of our LizzieSat® platforms, offering a cost-effective and punctual route to space. By integrating your payload onto our spacecraft, you can fulfill distinct requirements in government, scientific, and commercial sectors, including but not limited to communications, space situational awareness, Earth observation, national defense, and remote sensing.

How Technology Integration Works

We do this by integrating sensors, instrumentation, and other payloads on prescheduled LizzieSat® platforms where excess size, weight, and power are available. These "host" LizzieSats® provide a subsidized ride to space and eliminate the need to build, launch, and operate an independent satellite system.

Applications

» Communications

» Earth Observation

» National Defense

» Remote Sensing

» Space Situational Awareness

» Technology Demonstrations

Benefits

Reduced Timelines

» From conception to launch, the hosted payload timeline is significantly faster and more efficient than the average timeline to procure a dedicated satellite.

Expertise

» Leverage our experience and oversight across design and construction, payload integration, testing and monitoring.

Cost Reduction and Risk Mitigation

» The cost to launch a satellite, coordinate ground infrastructure, manage de-orbit operations, etc. can be prohibitive for most companies.

Sustainability

» Hosted payloads reduce the number of satellites in space, contributing to space sustainability.