Simulated spacecraft on a laptop

Solves limited hardware availability

- Open source simulator for smallsat development and testing
- Works with Core Flight System (cFS) and COSMOS
- Powered by NOS Engine, a simulation middleware with C/C++ APIs and plugins for I2C, SPI, and UART
- Train operators and scale to the mission needs
- Verify & validate all aspects of the mission
**TMC² Services**

- Simulation / NOS³
- Flight Software
- C&DH Design
- Ground Station Operations
- Communications
- Integration
- cFS Expertise
- Flight Hardware

**Benefits of NOS³**

- Common software development and testing environment
- Parallel development without hardware
- Operational smallsat testing with ground station software

**Customizing NOS³**

- NOS³ customized for the STF-1 mission
- Develop your own simulator using the NOS³ template
- Start with the NOS³ ready-to-run virtual machine
- Already integrated with cFS and COSMOS