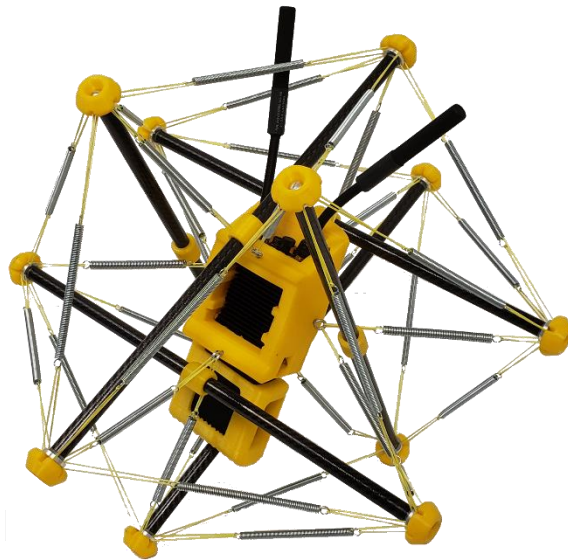


# Squishy Robotics

## - Silvus Radio Payload



### RAPID CONNECTIVITY AND COMMUNICATIONS CAPABILITIES IN WIRELESS ENVIRONMENTS

The combination of our robots and the Silvus Technologies StreamCaster software defined radio (SDR) systems brings communications to austere or subterranean environments and provides reliable networking capabilities.

### DELIVERY CAPABILITIES

Our lightweight tensegrity robots and customized radio payload can be airdropped from drones, thrown or dropped in subterranean environments, or carried and hand-placed during missions.

### PAYLOAD DESIGNED FOR HARSH ENVIRONMENTS

Our hardened and tested payload is engineered to protect its contents wherever the mission, whatever the circumstances, and no matter the conditions.

**When communication is vital...the combination of Squishy Robotics and Silvus Technologies keeps teams connected and brings networking to off-the-grid locations.**

Squishy Robotics develops tensegrity robots with payloads that are customized to safely house and rapidly deploy Silvus radios. Our custom payloads deliver sensitive radio equipment to austere environments, providing dependable communications infrastructure through mesh networking and other robust topologies.

- Squishy Robotics can carry and deploy Silvus Technologies StreamCaster radios. This payload option enables Mobile Ad-Hoc Network (MANET) wireless mesh technology to be delivered where and when you need it.
- Enables deployments in subterranean environments, such as airshafts, mines, and tunnels.
- Enables airdrops from sUAS, helicopters, and fixed-wing aircraft.
- Provides mesh networking capabilities and extends wireless coverage in underground facilities, remote environments, and off-the-grid areas.

### Technical Specifications

#### Squishy Robotics Robots

- **Body Diameter:** 22 in./38 in.
- **Weight:** 3.5 lb/12 lb
- **Max. Drop Height:** 16 ft./ 70+ ft.
- **Reorientation Capabilities:** No/Yes

#### Silvus Technologies StreamCaster Radios

- **IP Rating:** IP68
- **Battery Life:** 8 Hours
- **Output Power:** 20W effective with beamforming

For more information about our robots and payloads, please contact us at: [info@squishy-robotics.com](mailto:info@squishy-robotics.com)

