

CubeSat

Miniaturized satellite for space

6U Satellite

Soletop provides high performance and high reliability 6U and larger CubeSat platforms for operational mission needs, e.g. communication, AIS, ADBS, SIGINT, COMINT, science, Optical, Hyperspectral, radiometers, etc. The satellite platforms are rapidly tailored to the customer needs and adopted to new payloads through the use of our unique Rapid Integration Architecture™. These platforms typically provides high accuracy attitude control, high speed communication on important space communication bands such as UHF, S, Ku, and Ka bands, and high power through deployable solar arrays. The available payload volume is typical 2-4 U.

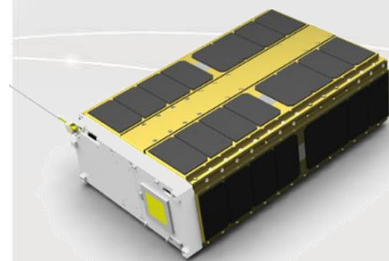


Photo: NASA

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Payload integration can be done over secure internet communication without exchange of classified or proprietary information through the black-in, black-out (BIBO) approach co-developed with AFRL to allow up to military SECRET level payloads and high level commercial payloads to be integrated and validated in a fast and reliable manner. The BIBO approach is enabled by incorporating advanced encryption in the payload with only clear text exposure of the payload (XTEDS compatible) driver.

