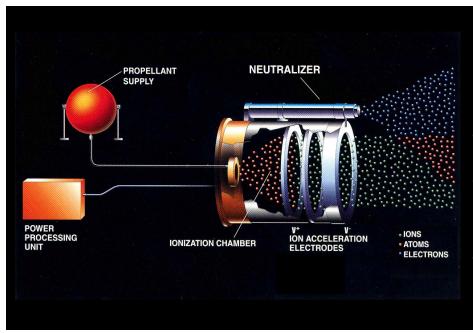


8cm Xenon Ion Propulsion System (XIPS®)

- Design based on space qualified and flight-proven heritage ion thruster technology
- Ideal for small satellite applications
- Produces thrust 10 times more efficiently than conventional chemical propulsion
- Reduces spacecraft onboard propellant requirement
- Variable throttle levels (100W to 300W)
- Less than 2 Kg weight (<5 lbs)







L-3 ETI's Xenon Ion Propulsion System (XIPS) consists of a series of gridded thrusters and a power processing unit.

The thruster generates impulse by ejecting positively charged ions at high velocities through a series of gridded electrodes.

Cleared for Public Release by Office of Security Review (OSR), dated August 2, 2007 reference number 07-S-1896