

# MODERNIZED A2100

## LEGACY OF PERFORMANCE, INNOVATION FOR THE FUTURE

FLEET SIZE

40+

ORBIT YEARS

450+

PAYLOAD POWER

16 KW and BEYOND

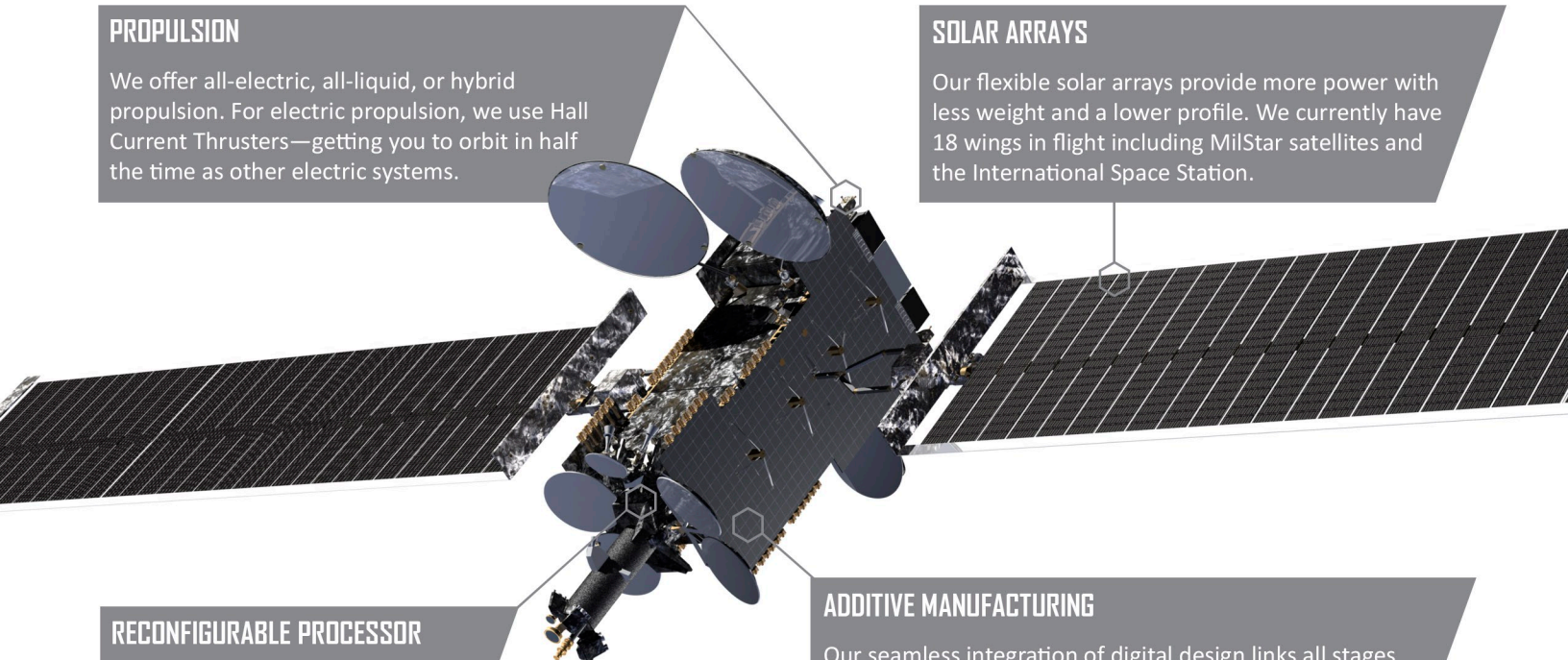


### PROPULSION

We offer all-electric, all-liquid, or hybrid propulsion. For electric propulsion, we use Hall Current Thrusters—getting you to orbit in half the time as other electric systems.

### SOLAR ARRAYS

Our flexible solar arrays provide more power with less weight and a lower profile. We currently have 18 wings in flight including MilStar satellites and the International Space Station.



### RECONFIGURABLE PROCESSOR

Bus capability extended to 16 kilowatt payload and beyond. New on-board processor can be reprogrammed in-orbit.

### ADDITIVE MANUFACTURING

Our seamless integration of digital design links all stages in development for faster, affordable products. We use advanced manufacturing techniques including 3D printing and digital design—proved out in our human-immersive virtual laboratory.

### DUAL LAUNCH

Our unique side-by-side dual launch significantly reduces launch cost and affords both satellites equal real estate in the fairing.

Unlike a stacked configuration, side-by-side launch enables earth-facing panels of both satellites to be available for antenna and payload components.

Our side-by-side adapter structure is compatible with standard fairings, and can be used on multiple launch vehicles.



## THE LOCKHEED MARTIN ADVANTAGE

- 100% mission success
- Customer-focused culture
- Full turn-key solutions
- Long-term, trusted partner
- Global technology leader
- Flexible business terms

[www.lockheedmartin.com/commercialspace](http://www.lockheedmartin.com/commercialspace)

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