A2100 MODERNIZATION

PERFORMANCE AND VALUE

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LOCKHEED MARTIN

A2100: THE NEXT GENERATION

Modernizing industry's most versatile satellite

Building on A2100's tradition of reliability and ease of operation, we are adding new capability and flexibility.

Increased Payload

Extended bus capability by 60% to accommodate up to 16 kW payloads

Propulsion Flexibility

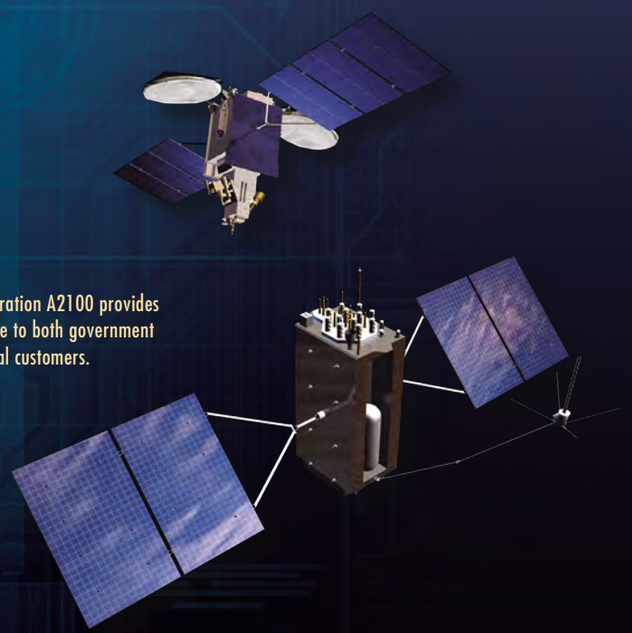
Offering all-chemical, all-electrical, and hybrid options

Dual Launch

Lowest cost to orbit with highest payload accommodation

Hosted Payloads

Modular design ideal for hosting



The next-generation A2100 provides improved value to both government and commercial customers.

INNOVATING FOR AFFORDABILITY

Our Comprehensive A2100 Technology Investment

We're modernizing every aspect of the satellite, investing in technology that drives down cost and schedule. We're targeting:

- **35% COST REDUCTION**
- **25% FASTER DELIVERY**

Leveraging Common Parts

For the satellite's core structure, we reduced part types by 56% and lead time by 28%.

Advanced Manufacturing

We're employing the latest digital design and additive manufacturing methods to improve efficiencies across our operation.

Parallel Manufacturing

We leaned out three months of schedule by implementing a new manufacturing strategy.

Streamlining Operations

We are co-locating our facilities to realize economies of scale.

FASTER TIME TO MISSION **PERFORMANCE + VALUE** LOWER TOTAL COST TO ORBIT

VALUE BUILT ON PERFORMANCE

Innovative solutions, creative business models

Every action we take is about delivering customer value. We combine the breadth of Lockheed Martin's expertise in military, civil, and commercial space systems with a deep understanding of emerging technology. Beyond technology, we understand the global marketplace and support multiple financing models.

HERITAGE TO RELY ON

The world's most experienced spacecraft and payload integrator

- We have delivered over 800 spacecraft and more than 300 payloads in the past 50 years
- We've launched more than 100 commercial satellites
  - 50 remain in active service
  - 40 are built on our A2100 common platform and have 400+ years of on-orbit service
- As a premier science instrument developer, we've delivered over 178 space instruments with 800+ years of operations

New digital design and simulation techniques enhance collaboration and reduce cycle times.

In combination, our co-location of facilities, increased use of common parts, and parallel manufacturing cut production costs and time to orbit.