

# LM 900

## BECAUSE SEEING IS BELIEVING

### MISSIONS

Our LM 900 can be equipped to serve a number of missions including disaster response, agricultural monitoring, geological surveying and fleet management.

#### HIGH RESOLUTION IMAGING

The satellite orbits around the earth every 90 minutes, capturing images so precise you can identify the make and model of a car all the way from space.

#### CAMERA

Constantly orbiting around the earth, capturing imagery and information about our planet.

The satellite could capture up to 600,000 square kilometers per day, an area roughly the size of France.

#### 3D PRINTING

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.

#### IMAGE PROCESSING

We have extensive experience in data processing, and we're exploring solutions to process and layer data to create multi-intelligence imagery that can be used for disaster relief and other needs.

#### PAYLOAD

Our configure-to-order LM900 bus accommodates many different payload types including optical, synthetic aperture radar, LIDAR and hyperspectral.



#### SPECIFICATIONS

**Ground Sample Distance:** 0.25m at 500km; 0.5m at 1000 km (panchromatic)

**Spectral Bands:** Panchromatic and Multispectral selectable from 0-8

**Geolocation:** <5m CE90 (altitude dependent)

**Design Life:** 7 years

### THE LOCKHEED MARTIN ADVANTAGE

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

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