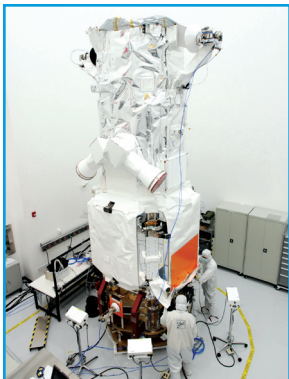
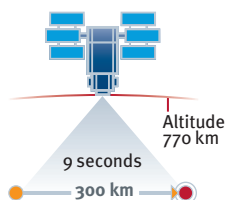


WorldView-2

DigitalGlobe has established itself as the world's most prominent supplier of high-resolution commercial satellite imagery. By 2009, DigitalGlobe's constellation of satellites will be unprecedented in the commercial imaging industry, enabling commercial and government customers around the globe to access a broad selection of geospatial information products from a single source.



WORLDVIEW-2 ALTITUDE AND SLEW TIME



WorldView-2, anticipated to launch October 2009, is the first high resolution 8-band multispectral satellite commercially available. Operating at an altitude of 770 kilometers, WorldView-2 will provide half-meter panchromatic resolution and 1.8 meter multispectral resolution. WorldView-2 will have an average revisit time of 1.1 days and will be capable of collecting up to 975,000 square kilometers (376,000 square miles) per day, doubling the DigitalGlobe collection capacity.

The WorldView-2 system, offering incredible accuracy, agility, capacity and spectral diversity, will allow DigitalGlobe to substantially expand its imagery product offerings to both commercial and government customers.

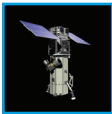
FEATURES

- Highest resolution available commercially
 - 46 cm panchromatic at nadir*
 - 52 cm out to 20° off-nadir
- The most spectral diversity commercially available
 - 184 cm resolution at nadir*
 - 4 standard colors: red, blue, green, near-IR
 - 4 new colors: red edge, coastal, yellow and near-infrared 2
- Industry-leading geolocation accuracy
- Highest capacity over the broadest range of collection types
 - 16.4 km width imaging swath (wider than any competitor)
 - Bi-directional scanning
 - Rapid retargeting using Control Moment Gyros (>2x faster than any competitor)
 - 2199 gigabits on-board storage
 - 800 Mbps X-band data downlink
- Direct downlink to customer sites available using same high-speed 800 Mbps X-band downlink
- Frequent revisits at high resolution enabled by higher altitude
 - 1.1 days at 1 m GSD or less
 - 3.7 days at 20° off-nadir or less (52 cm GSD)

BENEFITS

- Provides highly detailed imagery for precise map creation, change detection and in-depth image analysis (Note: imagery must be re-sampled to 50 cm for non-US Government customers)
- Provides the ability to perform precise change detection, mapping and analysis at unprecedented resolutions in 8-band multispectral imagery
- Allows the creation of accurate maps in remote areas, maximizing the utility of whatever resources are available:
 - Geolocation accuracy specification of 6.5m CE90, with predicted performance in the range of 4.6 to 10.7 meters (15 to 35 feet) CE90, excluding terrain and off-nadir effects
 - With registration to GCPs in image: 2.0 meters (6.6 feet) CE90
- Collects, stores and downlinks a greater supply of frequently updated global imagery products than competitive systems
- Frequent revisits increase image collection opportunities, enhance change detection applications and enable accurate map updates



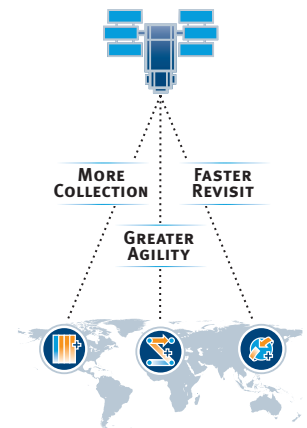


WorldView-2

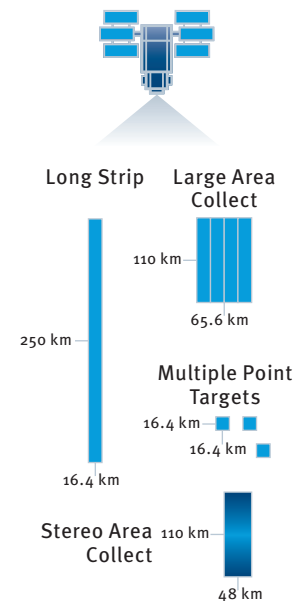
DESIGN AND SPECIFICATIONS

Launch Information	Date: Anticipated October 2009 Launch Vehicle: Delta 7920 (9 strap-ons) Launch Site: Vandenberg Air Force Base
Orbit	Altitude: 770 kilometers Type: Sun synchronous, 10:30 am descending node Period: 100 minutes
Mission Life	7.25 years, including all consumables and degradables (e.g. propellant)
Spacecraft Size, Mass and Power	4.3 meters (14 feet) tall x 2.5 meters (8 feet) across 7.1 meters (23 feet) across the deployed solar arrays 2800 kilograms (6200 pounds) 3.2 kW solar array, 100 Ahr battery
Sensor Bands	Panchromatic + 8 Multispectral: 4 standard colors: red, blue, green, near-IR 4 new colors: red edge, coastal, yellow and near-IR2
Sensor Resolution	Panchromatic: 0.46 meters GSD at nadir*, 0.52 meters GSD at 20° off-nadir Multispectral: 1.84 meters GSD at nadir*, 2.08 meters GSD at 20° off-nadir
Dynamic Range	11-bits per pixel
Swath Width	16.4 kilometers at nadir
Attitude Determination and Control	3-axis Stabilized Actuators: Control Moment Gyros (CMGs) Sensors: Star trackers, solid state IRU, GPS
Pointing Accuracy and Knowledge	Accuracy: <500 meters at image start and stop Knowledge: Supports geolocation accuracy below
Retargeting Agility	Acceleration: 1.5 deg/s/s Rate: 3.5 deg/s Time to Slew 300 kilometers: 9 seconds
Onboard Storage	2199 gigabits solid state with EDAC
Communications	Image and Ancillary Data: 800 Mbps X-band Housekeeping: 4, 16 or 32 kbps real-time, 524 kbps stored, X-band Command: 2 or 64 kbps S-band
Max Viewing Angle / Accessible Ground Swath	Nominally +/-45° off-nadir = 1355 km wide swath Higher angles selectively available
Per Orbit Collection	524 gigabits
Max Contiguous Area Collected in a Single Pass	96 x 110 km mono 48 x 110 km stereo
Revisit Frequency	1.1 days at 1 meter GSD or less 3.7 days at 20° off-nadir or less (0.52 meter GSD)
Geolocation Accuracy (CE90%)	Specification of 6.5m CE90, with predicted performance in the range of 4.6 to 10.7 meters (15 to 35 feet) CE90, excluding terrain and off-nadir effects With registration to GCPs in image: 2.0 meters (6.6 feet)

* Distribution and use of imagery at better than .50 m GSD pan and 2.0 m GSD multispectral is subject to prior approval by the U.S. Government.



COLLECTION SCENARIOS



SENSOR BANDS

- Panchromatic
- Multispectral
- 4 Additional Bands

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