

WorldView-3 - Customer / Reseller FAQ

- **What does this mean for me?**

The launch of WorldView-3 represents an addition to the most capable commercial satellite imaging constellation in the world. With WorldView-3, we build on our industry-leading resolution, accuracy, spectral diversity, revisit rate, and other elements of quality.

- **What are the current constellation's resolution capabilities?**

WorldView-3 collects natively at 31 cm, making it the highest resolution commercial imaging satellite in the world. Both WorldView-2 and GeoEye-1 can natively collect panchromatic imagery at less than 50 cm GSD (WorldView-2 collects natively at 46 cm, GeoEye-1 collects natively at 41 cm). WorldView-1 is capable at collecting panchromatic imagery at a 50 cm resolution. QuickBird collects panchromatic imagery at 55 cm resolution. And IKONOS collects panchromatic imagery at a resolution of 82 cm.

- **What is SWIR?**

SWIR stands for Short-Wave Infrared. These bands add spectral coverage to the invisible range. By focusing on specific bands that pass easily through substances such as CO₂ and water vapor, customers are now able to detect objects on the other side of them, rendering these obstructions invisible.

- **What is CAVIS?**

The CAVIS instrument brings an unprecedented level of consistency in data, paving the way to standardization of satellite imagery. CAVIS stands for Clouds, Aerosols, Water Vapor, Ice and Snow, and corrects for the inconsistencies caused by certain conditions, offering standardized imagery no matter where or when the data was captured. This standardization will introduce a new age of automated information extraction and feature detection.

- **What types of industries can benefit from the introduction of WorldView-3?**

The additional capabilities that WorldView-3 will bring to the DigitalGlobe constellation will enable our customers, across a wide variety of industries and applications, to approach a totally new problem-space. A few highlighted industries set to benefit include:

- Agriculture
 - o The agricultural community stands to benefit greatly from WorldView-3's enhancements. The atmospherically compensated imagery, coupled with 16 spectral bands, will allow for accurate crop pattern/type mapping.
- Oil & Gas

- The energy industry requires efficient site selection, exploration, and environmental monitoring. Our new advanced spectral capabilities are ideally suited to respond to these challenges.
- Mining
 - With the growth in our spectral capabilities, mining organizations can benefit by leveraging unique mineral identification and chemical measurements. WorldView-3 will be able to cut costs and increase efficiency in site exploration and monitoring.

- **Where can I get more information on WorldView-3?**

Make sure to visit our dedicated microsite – <http://worldview3.digitalglobe.com> for more details and information on how WorldView-3 can help to provide solutions to your geospatial challenges.

- **What does this mean for me as a reseller?**

DigitalGlobe is devoted to the empowerment of our reseller community, and it is our goal to enable our partners with enhanced access to our highest-quality offerings in the earliest possible timeframe. We will notify you of our progress as we work to make our higher-resolution products available to the market.