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This letter is to introduce you to the exciting DigitalGlobe products, WorldView-1 (WV-1) and Quickbird (QB). WorldView-1 is the newest satellite in DigitalGlobe's family, delivering one of the highest resolutions in panchromatic imagery available on the market today. While Quickbird, has been providing high resolution panchromatic and Multispectral imagery since 2002, thus populating an unprecedented volume within an imagery archive.

Since its launch in 2007, WV-1 has been a fierce competitor in many areas. It offers 50cm panchromatic imagery at nadir, making the data available from this source a very valuable tool for accurate analysis. It currently boasts one of the fastest revisit times, at 1.7 – 4.6 days, depending on GSD, allowing for a higher probability of a successful image acquisition. It has a greater agility than previous satellites and offers bi-directional scanning and rapid retargeting that's more than 2 times faster than any competitor, meaning that it is able to image multiple targets in a single pass, resulting in minimized time delays and costs. WV-1 also offers Stereo Pair Imagery and as it collects with the largest swath width it is able to collect stereoscopic areas in a single pass, ensuring image continuity and quality consistency.

QuickBird (QB) has been providing high resolution imagery from 2002 onwards, with Panchromatic at 61cm at nadir and Multispectral at 2.44m at nadir. With these two data files a beautiful True Colour, Near Infrared or even a 4-band Pansharpened product can be generated as the customer prefers. The Multispectral bands from QuickBird can also be fused with the WV-1 Panchromatic band to produce a 50cm Pansharpened image. Since its launch QB has been collecting over 600, 000 sq km of imagery per day, leading to over three hundred million sq km of imagery in the DigitalGlobe Image Library (archive). This leads to fast delivery of product at a cost effective price.

With these two satellites currently in orbit, and WorldView-2 set to launch next year, the DigitalGlobe constellation will be able to collect more than 10 times the amount of imagery than any other current commercial imaging system. Whether you're looking for a new imagery collect or something from the archive, DigitalGlobe is your best choice for Electrical Optical data.

ImStrat Corporation is proud to be the only authorized Defence & Intelligence distributor of DigitalGlobe products in Canada. To place an order or should you have any questions regarding these products please do not hesitate in contacting us and a representative will be happy to assist you.