Automated Image Processing System for COTESA

PCI Geomatics has successfully delivered an operational automated system for the orthorectification, pansharpening and mosaicking of large volumes of satellite imagery to COTESA, a privately held GIS company based in Valladolid, Spain. The Spanish Government is working with COTESA to fulfill its requirements under the Multinational Geospatial Co-production Program (MGCP), undertaken by 28 NATO nations participating in the production of global high-resolution vector geospatial data.

Employing PCI Geomatics' advanced component architecture (GeomaticaX), the highly automated system is used to operationally process high resolution satellite imagery from QuickBird, IKONOS and SPOT-5. The volume of data to be processed with PCI Geomatics' ProLines, is estimated at 10,000 images over a three year period. PCI's Proline system is highly modular, providing COTESA the ability to easily add additional processing capability, thus increasing throughput and performance as required.

"PCI Geomatics is happy to be providing an image correction system which will not only save COTESA time and money, but also produce high quality output products," said Dr. Robert Moses, President and CEO of PCI Geomatics.

"COTESA has considered the wide spectrum of image processing products in the marketplace and has chosen PCI Geomatics due to the high quality of the results provided by Geomatica's algorithms and the substantial increase in processing capability acquired with the solution implemented," said Dr. Francisca Gómez, head of COTESA's Environment Department and responsible of the MGCP project development.

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