

Highlights

Sensors and Interface

New satellite, aerial and SAR sensors have been added for GXL 2016



Above: New support for ADS 40/80/100

Fast, accurate ADS mosaics

- ADS imagery can now be orthorectified and mosaicked in GXL
- Sensor ingest and bundle adjustment is included in a new add-on package

Interface and sensor improvements

- Added bulk actions on jobs and servers for easier project management
- Added TripleSAT support

New SAR package

- A powerful and specialized add-on package that provides automated workflows for the accurate production and analysis SAR imagery
- Polarimetry, visualization and change detection workflow is included

Added SAR sensors

- RADARSAT-2, Cosmo-SkyMed, KOMPSAT-5, TerraSAR-X

Details on improvements and new capabilities

NEW ADS Sensor package

ADS imagery can now be ingested and the model calculated in GXL through a new add-on to GXL Aerial and combined GXL Aerial/Satellite systems

ADS Sensors package:

- ADS Ingest: Add filters, deactivate non-PAN channels and pyramid the output PIX files
- ADSMODEL: Model calculation and block adjustment, including GCP collection and ingest

With GXL Aerial Ortho package:

- Reactivate ADS color photos and merge bands

With GXL Mosaic package:

- Automatic cutline, color-balancing, exposure correction and editing of ADS mosaics

NEW SAR package

SAR imagery can now be processed and analyzed in a new add-on to GXL Satellite systems

GXL SAR package:

- SAR ingest and ortho
- SAR change detection
- Polarimetric options and visualization of data layers

Available SAR sensors:

- RADARSAT-2, Cosmo-SkyMed, KOMPSAT-5, TerraSAR-X

JPS updates

Better job management through the addition of bulk actions on child jobs

- Select and restart, clone, cancel or kill

Better system management through the addition of bulk actions on servers

- Select and cancel, kill

Other additions

- TripleSAT - GDB implementation and GXL Support: 4m MS / 1M pan 4-band constellation
- Updated bundle options that make QA easier for aerial and satellite