



VISIONMAP
Digital mapping systems

The fastest automatic
image processing system

LightSpeed

A3

A3 LightSpeed processing system is a cost-effective photogrammetric workflow that automatically processes hundreds to thousands of km² of A3 camera imagery per day for various mapping applications.

The system is also designed to support rapid response applications since it is capable of providing accurate products within a short time line without relying on DGPS stations, ground control points or existing DEM.

Seamless End-to-End Workflow

- Aerial Triangulation
- DSM
- Orthophoto
- Stereo models
- Photogrammetric vertical and oblique imagery

VisionMap A3 LightSpeed - take the fastest lane from imagery collection to final products delivery

Short Time to Market

1. The fastest processing workflow
2. All inclusive photogrammetric processing
3. No need to rely on external inputs
4. Flexible production management

Lower Operational Costs

1. Single operator production
2. PPP utilization with no need for expensive DGPS or GCPs
3. Reduced maintenance costs
4. Easily integrates into your existing working environment

Industry Standard Products

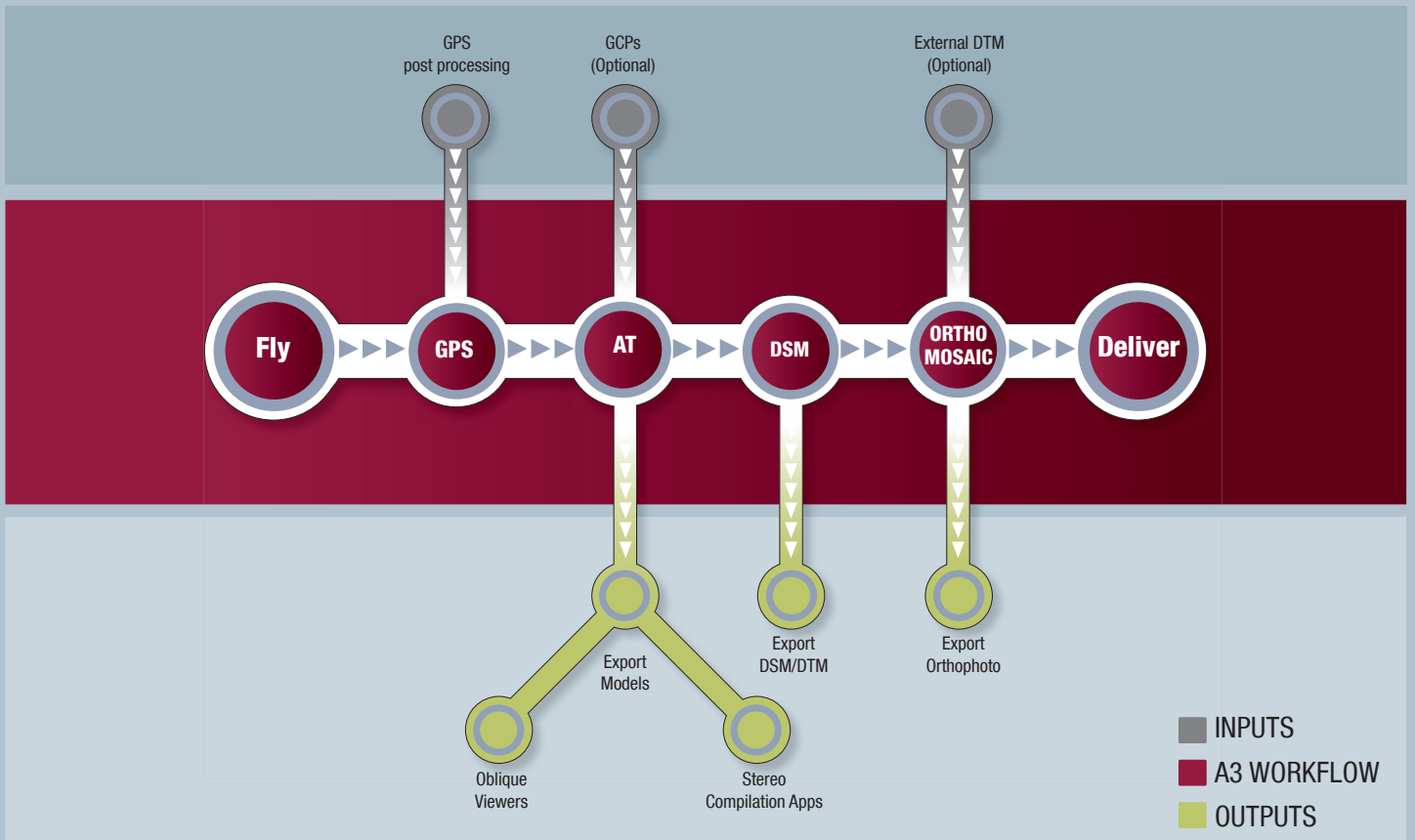
1. Sub-pixel 3D accuracy
2. Automatic radiometric balancing
3. Automatic dense DSM generation
4. Standard output products

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A3 End-to-End Photogrammetric Workflow



A3 LightSpeed Processing Productivity*

GSD (cm)	5	10	15	20	25	30
AT+ Orthophoto processing productivity (km ² /24 hours)	250	1,000	2,250	4,000	6,250	9,000

* Standard hardware configuration

Standard Hardware Configuration

- 4 x 1U – Processing servers (12 Cores, 96 GB RAM each)
- 1 x 1U – Manager server
- 1 x 1U – Viewer server
- 48TB RAW capacity storage
- Fast switch

About VisionMap

VisionMap LTD. is a leading provider of state-of-the art digital automatic aerial survey and mapping systems. VisionMap created an innovative data collection and data processing system which optimized geospatial imagery collection and processing, setting a new standard for productivity. VisionMap systems are successfully deployed worldwide.

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VisionMap A3. Largest footprint. Fastest processing.