Vision Systems, Inc.

- Research-Focused Small Business in Providence, RI
  - Emphasis on 3-D Reconstruction and Modeling

- We serve DoD and IC customers: IARPA, DARPA, NGA, AFRL, ONR

- Academic Roots: Joe Mundy (President)
1-meter resolution DEM from satellite imagery

Sydney, Australia
500 km²
121 geo-corrected satellite images

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Camera Model Registration and Correction

AERIAL

OpenStreetMap (OSM) road projections onto a Quickbird image over India

OSM building projections onto WorldView2 images over Jordan

OSM road projections onto WorldView2 images over Jordan

SATELLITE

Fast + Accurate + Robust Structure from Motion

Image © DigitalGlobe, Inc.
3-d Reconstruction with Strong Shape Priors

3-d Facial Shape reconstruction from low quality images

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