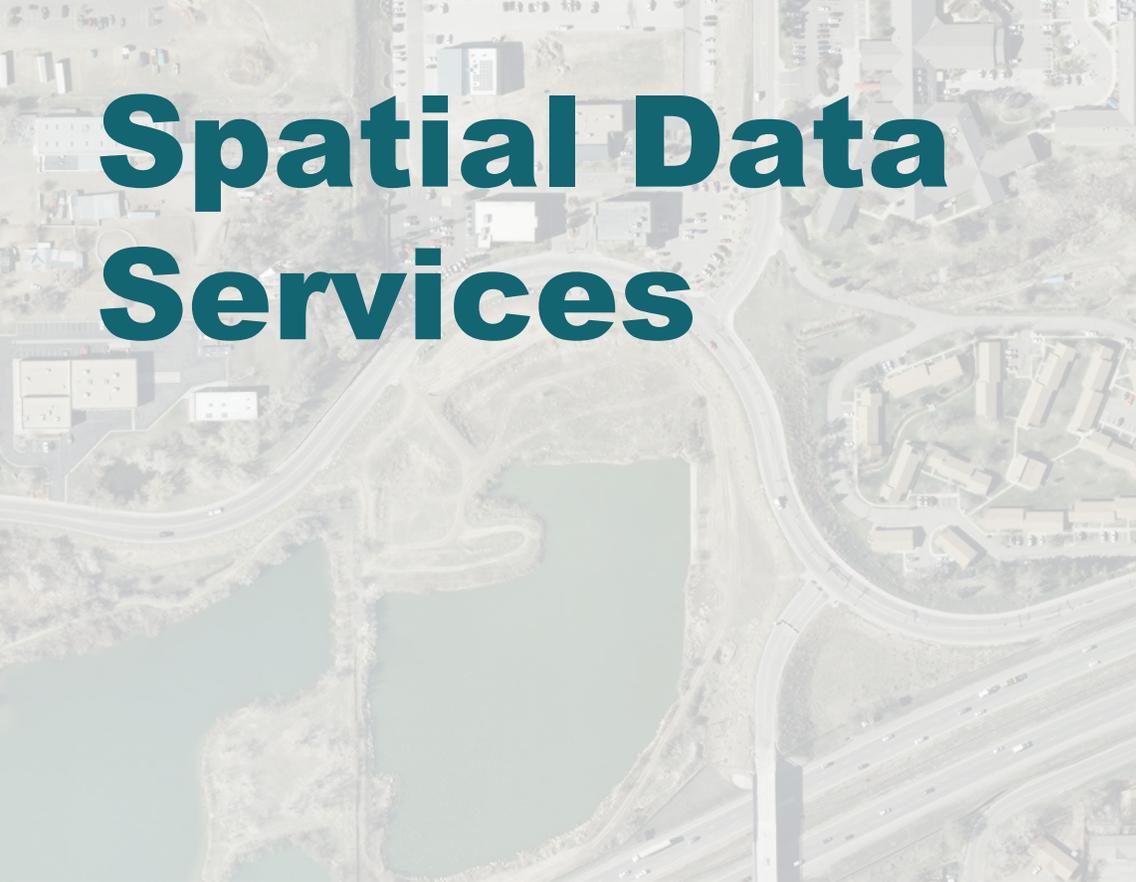
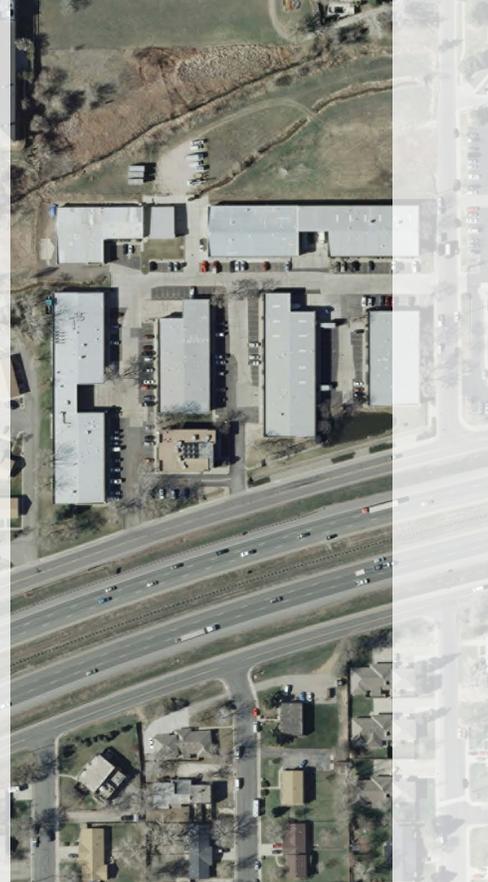
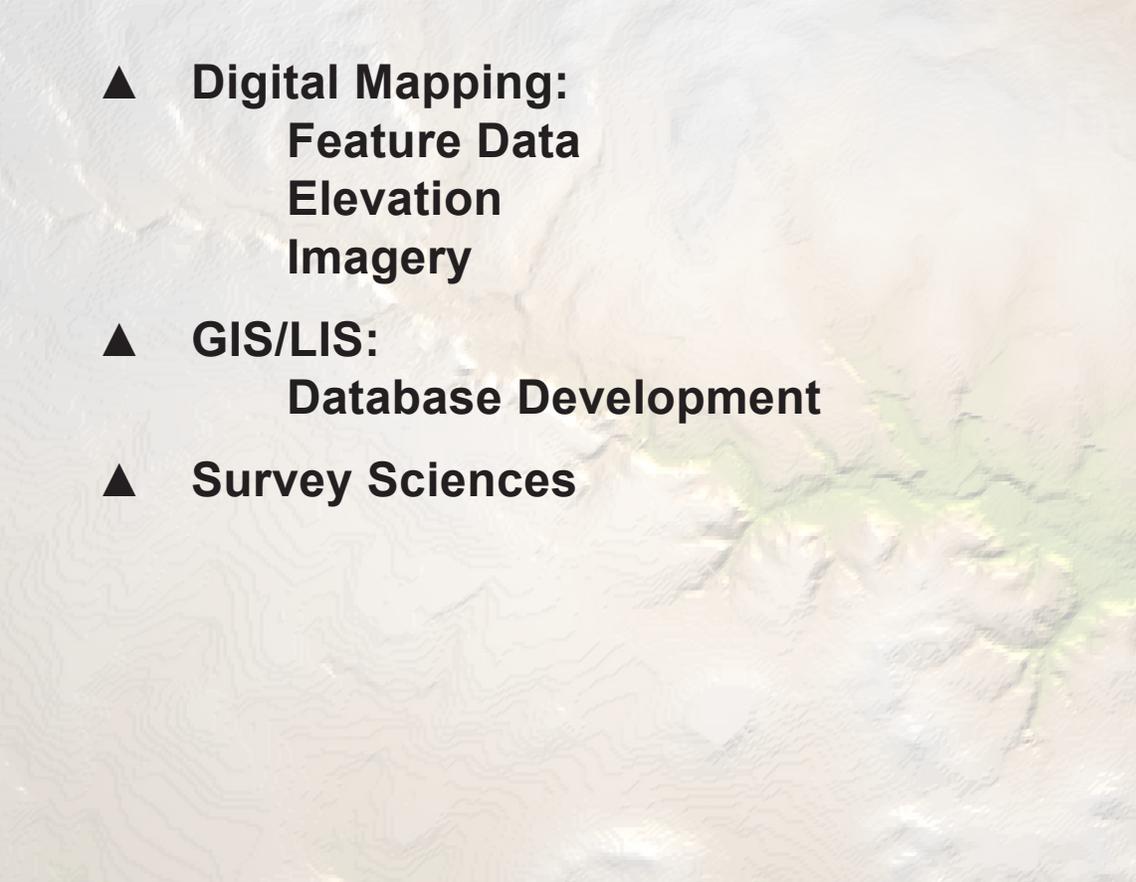


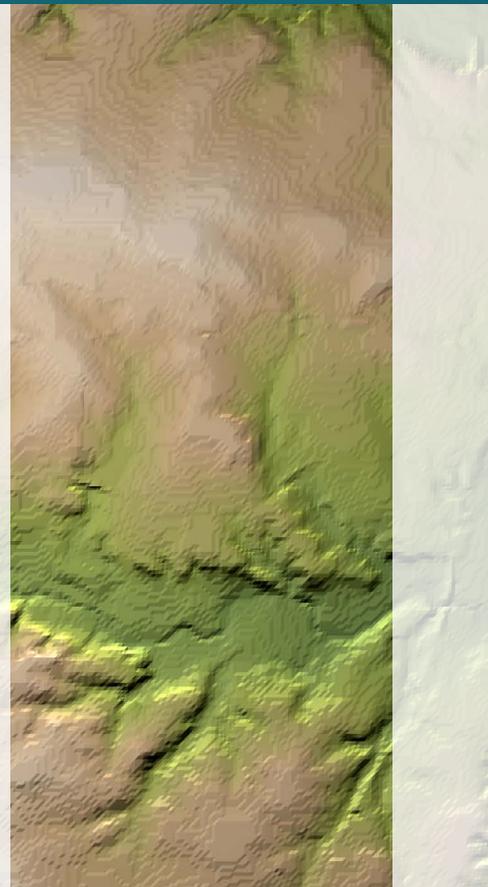
Spatial Data Services



Bohannon  **Huston**



- ▲ **Digital Mapping:**
Feature Data
Elevation
Imagery
 - ▲ **GIS/LIS:**
Database Development
 - ▲ **Survey Sciences**
- 



The Innovation Edge

The Spatial Data Group at Bohannon Huston, Inc. (BHI) is in relentless pursuit of the “innovation edge” to deliver the most accurate, timely and technologically advanced products to our geospatial-intelligence clients. We maintain our “innovation edge” by investing in computer hardware, software, and Information Technologies.



City of Wheat Ridge **GIS Feature and Aerial Services**



We leveraged stereo aerial photography (previously captured by BHI) to provide new feature data collection for the City's GIS program. Our Spatial Data Group compiled over 52,000 individual features in stereo with on-the-fly topology checking, automated and manual attribution and web-based collection guidance.

Safe software FME was used to automate quality assurance testing and final data formatting for an ESRI compatible geodatabase deliverable. We also tested data accuracy compliance to comply with the National Standard for Spatial Data Accuracy standards Project metadata in XML format conformed to FGDC standards.

Mid-Region Council of Governments **Digital Orthophotography and USGS LiDAR 1999, 2004, 2006, 2008, and 2010**



BHI has worked closely with the 27 member governments of the Mid Region Council of Governments since 1999, when we provided LiDAR and orthophotography production. Since then, we have produced orthophotography at 1.0', 0.5' and 0.3' resolution. Due to their satisfaction with BHI's services, we provided digital orthophotography in 2010, as well.

This project required ground control coordination for access into Indian reservation boundaries and military installations.

All services and deliverables were performed within the contract budget with no change orders or contract amendments.

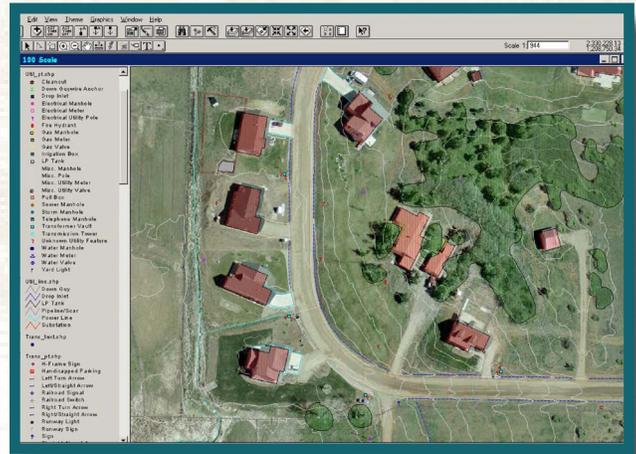
Doña Ana County **Digital Orthophotography and USGS LiDAR 2004, 2007, and 2010**



In 2004, the County required new geospatial data to support their program for Federal Emergency Management Agency (FEMA) flood plain mapping. The 2004 project covered 1,244 square miles of terrain ranging from the Rio Grande river valley to the rolling foothills of the Organ Mountains. The 2007 project provided 1,500 square miles of 1.0' RGB orthophotography. BHI coordinated acquisition to fly missions over White Sands Missile Range. BHI also provided digital orthophotography in 2010. For this project, we also supplied several value-added services, from developing custom software tools for County use to training on LiDAR surface manipulation.

Customized Systems

BHI's customized systems make our data processing and production more efficient. They: automate geospatial data processing steps dramatically cut distribution time for our products ensure flawless map creation that avoids reworking ensure document data production results without fail emphasize customer communication and relationships supply rapid response capabilities help our customers meet their obligations reduce customer costs



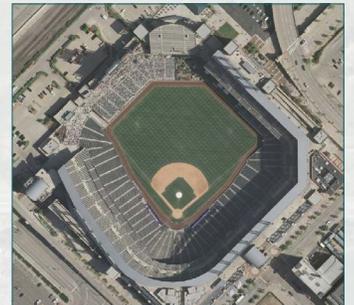
Excellence in Quality

BHI mapping products adhere to the most exacting standards for quality in the world, set by the International Standards Organization (ISO). Every map feature is rigorously tested according to these standards to guarantee the error-free results and integrity our customers expect.

Survey-Related Projects

Denver Regional Council of Governments

For the Denver Regional Aerial Photography Project, BHI provided digital four-band orthophotography, orthorectification, aerial triangulation, surface preparation, and image mosaicing for an 8,000 square-mile region that included the Denver metropolitan area. BHI also provided data distribution model consulting on the fast track project. The project had a 60-day post acquisition delivery deadline.



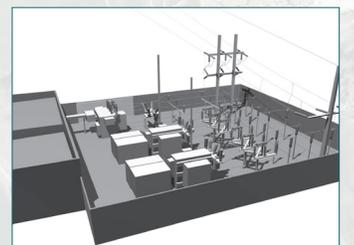
Mid-Region Council of Governments

For the 2010 project, BHI provided 1,233 square miles of high-resolution LiDAR data, a digital terrain model, digital elevation model and digital topographic products. The project required coordination with the Mid-Region Council of Governments, the U.S. Geological Survey, and the U.S. Army Corps of Engineers.



University of New Mexico

The survey and mapping groups in BHI combined to provide the University of New Mexico first-time as-built information for an existing electrical substation. Using our remote data collection capabilities, BHI accurately and efficiently acquired the data while avoiding potentially difficult and/or dangerous field conditions. The scanning portion of this project took approximately seven hours and included nine scans. BHI also provided some traditional surveying, so the University could position this substation seamlessly into existing mapping. Deliverables included a 3-D model, and a 2-D plan and section.

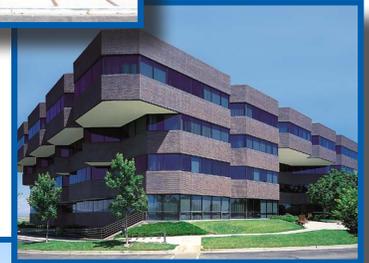


Who We Are...

BHI is a nationally recognized service provider for engineering, spatial data, and advanced technologies. Our leadership and expertise in geospatial data creation has advanced our reputation in the geospatial community as providers of the most precise, complete and valuable geospatial solutions in the marketplace. We transform raw digital data into usable information which is used worldwide.



Albuquerque



Denver



Las Cruces

We offer expertise in:

- Photogrammetry, Mapping, and Remote Sensing
- LiDAR
- Geospatial Programming
- Data Management
- GIS
- Survey
- Orthophotography
- Feature/Asset Inventory

In New Mexico:

Dennis Sandin, RPP
Senior Vice President
dsandin@bhinc.com

Tim Solinski, PS, PLS
Vice President
tsolinski@bhinc.com

7500 Jefferson Street, NE
Courtyard I
Albuquerque, NM 87109
505.823.1000
505.798.7988 fax

7500 Jefferson Street, NE
Courtyard I
Albuquerque, NM 87109
505.823.1000
505.798.7988 fax

In Colorado:

Loretta L. Davis
Senior Vice President
ldavis@bhinc.com

Meridian One
9785 Maroon Circle,
Suite 140
Englewood, CO 80112
303.799.5103
303.799.5104 fax

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www.bhinc.com

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