Acquire.
Analyze.
Answer.

INDUSTRY SOLUTIONS

Historical Archive

COLLECTION HIGHLIGHTS

Alaska – Annual Coverage of the Anchorage Bowl beginning in 1958, and periodic photography over areas such as the Matanuska Valley, Kenai, Fairbanks, Juneau and Ketchikan, as well as most villages in Alaska. Historical imagery reaches back to the summer of 1938, when Howard Hughes landed in Fairbanks on his record setting around the world flight!

Pacific Northwest – Spans as far back as 1936, with several oblique images of Seattle taken even earlier. The collection includes frequent photographic coverage of the Puget Sound area, in addition to periodic focus on counties in the states of Washington, Oregon, Idaho, and Montana.

Northeast – Photos over the Washington, DC metro area were taken in black-and-white until 1982 and in color every year from 1988 to 2008. In the 1980s and 1990s, many images were taken of Fairfax, Prince William, Richmond and Stafford counties in Virginia. Select areas of coverage also exist in Connecticut, Delaware, Massachusetts, Maine, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

Northern California – Includes biennial imagery concentrated in the greater San Francisco Bay, and expands through Northern California, east to Sacramento and south in the San Joaquin Valley. It consists of oblique and vertical images in black-and-white, color, and color infrared.

Special Collection – Quantum Spatial owns the Clyde Sunderland Collection of historical events taken by the famed photographer, including photos of the Pan American Exposition on Treasure Island, Amelia Earhart, the U.S. Navy’s 7th Fleet before Pearl Harbor (including the USS Arizona), the San Francisco Bay Bridge and construction of the Golden Gate Bridge, as well as the industrial revolution of the San Francisco Bay Area. Other historical photos in the Seattle metropolitan area, such as the original Tacoma Narrows bridge are also available.

OVERVIEW
Quantum Spatial owns a vast and rich historical archive of oblique and vertical aerial imagery, which was originally collected using film. Digital and printed images are generated for applications ranging from real estate and legal services, to mining and environmental. In addition to the products and services listed, Quantum Spatial can extract features such as buildings, vegetation, contours and drainage patterns from photo coverage of any year.

SERVICES
Vertical & Oblique Imagery
Digital or Print Format
Stereo Pairs
Imagery Analysis
Site Reviews
Legal Service
Change Detection
Contours / Terrain Mapping
LiDAR in selected areas
Experts
Quantum Spatial has provided expert witness services to clients in both criminal and civil cases. Our primary expert is a former military Aerial Photo Interpreter, with experience in a variety of legal cases involving property issues and cases requiring the identification of activities, equipment, change detection and geospatial relationships. He has testified in multiple jurisdictions throughout California. Notable cases include global corporations, federal, state and local agencies, and private land owners. We have expertise in boundary disputes such as prescriptive easements, historic property use involving former military bases, industrial use involving rail yards and ports as well as private parties involved in fence line disputes. Our use of archived aerial imagery along with modern day surveying and mapping technologies by Certified Photogrammetrists and Land Surveyors provides a sound basis for decision making.

Data and Technology
Information is the key to a strong legal position and access to historic aerial imagery throughout the USA is an important source. Quantum Spatial provides the information from its own historic library of imagery consisting of over one million images dating back to 1928, providing a clear view of historic land use, elements of the environment, geology, vegetation, wetlands, urban grown and agriculture. Quantum Spatial combines this historic imagery with modern technologies such as terrain modeling, LiDAR, GIS databases and GPS surveys to further strengthen your legal position. Once integrated, mapping exhibits are created that are simple to follow and allow the audience an easy and thorough understanding of your evidence and the facts. Quantum Spatial has worked with many experts in a variety of fields and can ensure detailed communication, documentation and presentation, giving you a single view of evidence in order to simplify complicated court cases.

Clients
Quantum Spatial historical archive clients include private individuals, corporations, federal, state and local governments. Cases often deal with environmental impact, utilities, rail, oil and natural gas, and property issues. We have experience in state and federal courts providing services and expert opinions in both civil and criminal matters.