

- GIS-EVS data analysis and visuals
- Aerial photography analysis
- Project technical explanation graphics
- 3D data and information visualization
- Scanning and data mining
- Storyboards
- Scale models
- Animation
- Situational understanding
- Litigation support graphics
- Information databasing
- Visualization enabled construction management
- Graphic design

WEST (Southern California)
Corporate Headquarters

One Pointe Drive
Suite 320
Brea, California 92821
t: (714) 388-1800
f: (714) 388-1839
e: info@projectnavigator.com

WEST (Northern California)

2300 Contra Costa Boulevard
Suite 250
Pleasant Hill, California 94523
t: (925) 969-9574
f: (925) 969-9558
e: info@projectnavigator.com

GULF COAST

10497 Town & Country Way
Suite 830
Houston, Texas 77024
t: (713) 468-5004
f: (713) 468-4515
e: info@projectnavigator.com

NORTHEAST

One Memorial Drive
17th Floor
Cambridge, MA 02142
t: (617) 225-0510
f: (617) 225-0511

WEBSITES

www.visualizationnavigator.com
www.projectnavigator.com
www.projecttoolbox.com

Visualization Navigator Service Capabilities

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About Visualization Navigator



Visualization Navigator team collaborating and brainstorming ideas using storyboards to envision project processes from beginning to end vision.

Visualization Navigator (VN) seeks to become a leader in the creation of visual product which allows projects to be planned, and risk managed, cost-effectively. We strive to help our clients successfully manage projects by utilizing creative explanatory graphics, models and animation work product. This is achieved by using effective visual approaches such as the following:

- Create innovative, compelling graphics which tell the story of a project, and also display multiple ways of achieving the end result;
- Introduce cutting edge graphical concepts and techniques into the world of project and environmental engineering to visualize project solutions; and
- Communicate complex information via graphical techniques.

Staffed with graphic artists, engineers and geologists, VN easily translates project scenes into visual renderings. Our engineers and geologists have vast experience working on complex projects for numerous Fortune 100 companies, and our graphic designers have honed their skills while working at Southern California design studios.

Currently, we are an operating subsidiary of **Project Navigator, Ltd. (PNL)**, which specializes in the strategic management of complex projects. Visualization Navigator has supported PNL in the management of more than ten Superfund site remediations, saving our clients millions of dollars.

Visualization Navigator works collaboratively with Project Navigator on environmental and project management assignments in the US and in the international marketplace.

Key Strengths

VN specializes in creating scientifically accurate portrayals of project or litigation sensitive issues. Uses of our work products range from visualization and analysis of construction projects to courtroom graphics for explanation purposes. VN products vary from simple storyboard depictions to complex 3D miniature models and high-end digital animations.

Complex technical projects generate large amounts of data and information that need to be explained to stakeholders. The project sponsor's job is to communicate the data in a succinct and clear manner to allow decisions to be made to advance the project. Clear visuals facilitate this process. In addition, visualization of either historical (*in litigation*) or future (*in construction*) events can be used to analyze and convey technical issues.

Visualization Navigator uses a variety of information visualization techniques including:

- GIS information and data analysis
- CAD
- Explanation figures and storyboards
- Model building
- Photography and digital enhancement
- Digital animation



Storyboard



Model Simulation

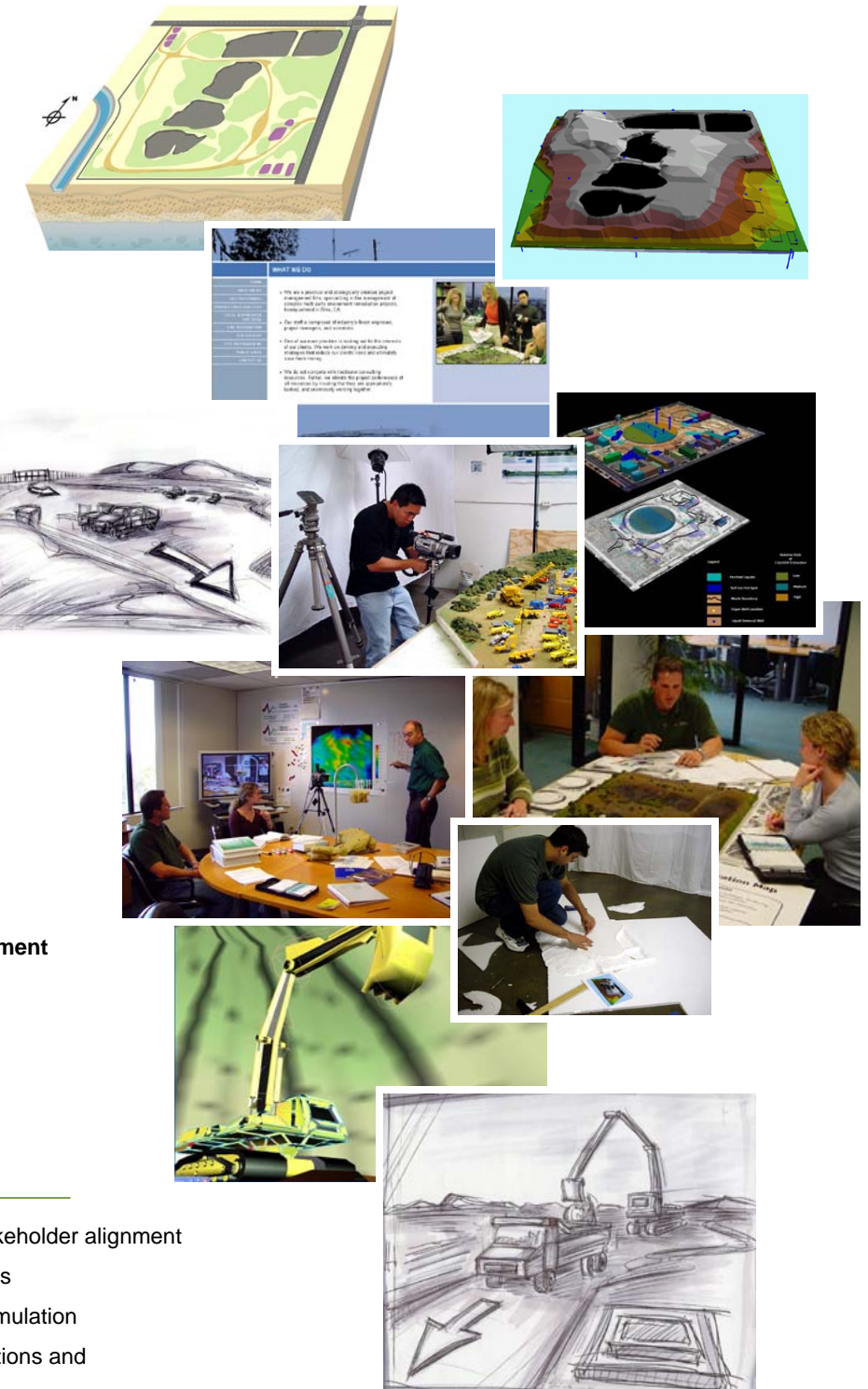


Field Implementation

Techniques

Visualization Navigator is a unique combination of art and science. As scientists, we research the project's expectations, searching for possible solutions. As artists, we use these truths as the foundation and inspiration for our work, creating messages that communicate solutions and remedies. When art and science are combined, something amazing happens—alchemy—the power to transform complex issues into visual solutions. These are the techniques that are used to achieve this transformation.

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Applications

- 3D displays of complex data sets
- Temporal trend analysis
- Design and construction planning
- Project advocacy
- Community relations
- Litigation support graphics
- Project stakeholder alignment
- Negotiations
- Concept simulation
- Visual solutions and recreations
- Value engineering