



Visualization Navigator: A Snapshot View

An operating subsidiary of Project Navigator, Ltd.

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WHAT VNL creates innovative, compelling graphics that tell a project's story. We utilize cutting edge graphical concepts and techniques to visualize project solutions.

- We create scientifically accurate portrayals of project sensitive issues.
- Products vary from simple storyboard depictions to complex 3D miniature models and high-end digital animations.



WHO Graphic artists, engineers and geologists

WHERE Brea, CA; Pleasant Hill, CA; Houston, TX; and Boston, MA

HOW VNL uses a variety of visualization techniques including:

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

With State-of-the-Art Software

Print and Web Design & Publishing Software

- Adobe Creative Suite Professional
- Macromedia Studio MX

3D Software

- MetaCreations Canoma
- Alias/Wavefront Maya
- World Construction Set

GIS Software

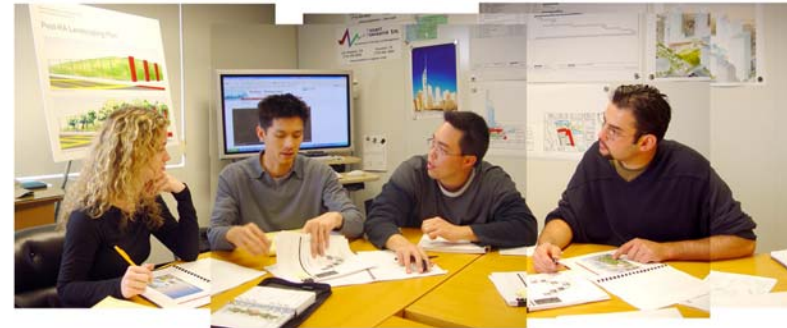
- ESRI ArcGIS and ArcView
- Environmental Visualization System (EVS)
- Rockworks
- Key Hole Earth Viewer

Animation Software

- Macromedia Flash MX

To create 3D pictures you need gifted artists who are also technical virtuosos, which is rare, or gifted artists who are technophilic and can work with programmers.

John Lasseter of Pixar describing his work in *The Second Coming of Steve Jobs*, by Alan Deutschman, Broadway Books, 2000, p.144.



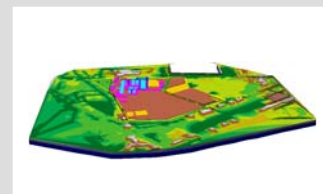
Project Navigator has recognized this challenge. We have staffed to overcome this HR challenge and apply modern graphics and 3D imagery at complex environmental EPC projects.



We pursue a niche business vision...



We combine traditional model thinking of the 1970's...

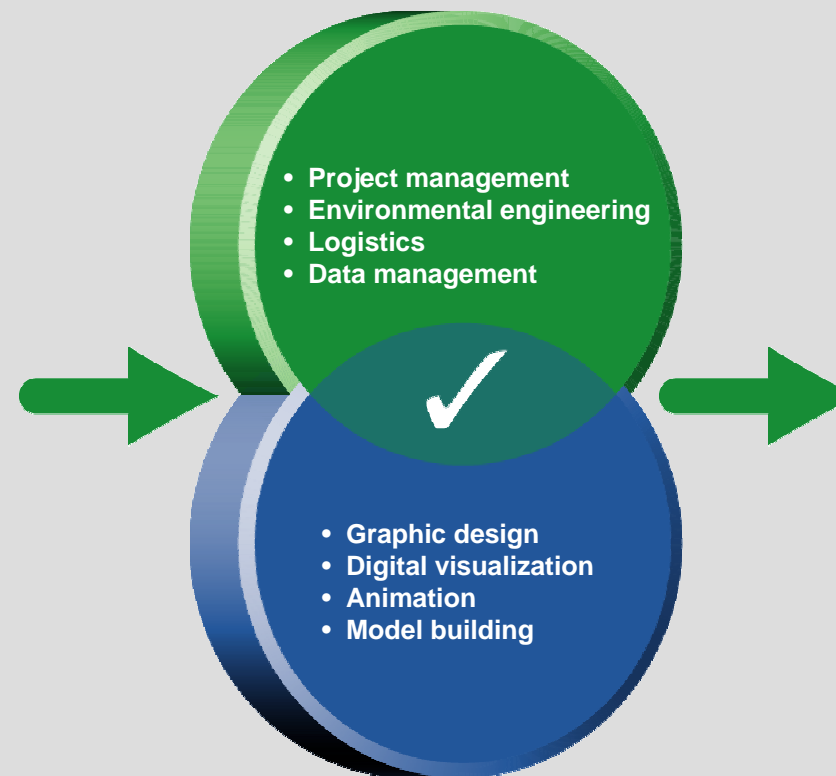


...with cost effective, modern digital techniques...



...to environmental EPC projects.

...and blend skill sets...



...to produce compelling product for complex EPC projects

- GIS-EVS data analysis and visuals
- Project technical explanation graphics
- 3D data and information visualization
- Aerial photography analysis
- Storyboards / Storyboard books
- Scale models
- Scale models for Project tracking
- Video
- Animation
- Litigation support graphics
- Visualization enabled construction management