



Delphi International

Scientific Analysis and Visualization of the Environment

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Overview

Delphi International uses modern tools to visualize alternative futures.

Delphi excels in visualization and simulation of large datasets, including high-resolution terrain models for realtime, interactive data mining and decision analysis.

Powerful Tools

Delphi's spatial data products integrate terabyte and gigabyte databases with visualization systems. Helping public organizations such as federal, state and local agencies, or private markets in architecture, engineering, and construction visualize and leverage information is central to our mission. We put spatial data to work for:

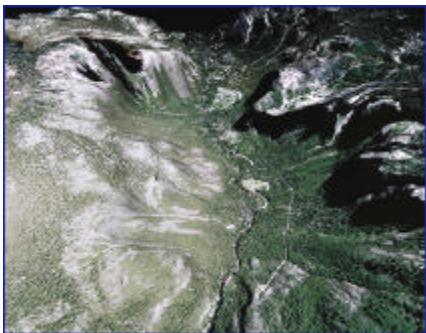
We put spatial data to work for Federal, State, local and private organizations to do:

- Remote sensing and impact prediction
- Land, water, and air resource management
- Integration of natural disaster information
- Integrated fire decision simulation
- Biodiversity protection and restoration
- Ecosystem analysis and conservation
- Coupled climate modeling
- Pollution abatement
- Policy assessment
- Physical and natural sciences decision making
- Urban growth
- Transportation modeling
- Public Outreach
- Science Education

Delphi International specializes in developing and applying three-dimensional ("3D") and two-dimensional ("2D") visualization technology to meet the productivity, communication, decision-making, and education needs of our clients.

Success Stories

Delphi International developed high-resolution 3D datasets of Yosemite Valley and other Parks for the National Park Service and other agencies to support situation visualization, decision analysis, and education. The ecosystem models seamlessly link different levels of detail in a continuous zoom from a global view down to recognizable features only a few meters in size.



Solutions

Delphi has the experience to create effective visualizations by integrating datasets from many domains, including ground and aerial sensor, geological, atmospheric, oceanographic, biological, transportation, architecture, and economic data.

Our core technical competencies in high speed, real time graphics, CAD/CAE/CAM interfaces, distributed databases and Internet/Intranet communications provides solutions through two inter-related product lines: enterprise-wide scientific visualization software (software products) and interactive multimedia and custom animation products (interactive products).



Delphi International's interdisciplinary group designs integrated 3D computer graphics, animation, visualization, simulation, and art. We transform tools such as geographical information systems (GIS), architectural rendering, image processing, Internet and Intranets into fully leveraged solutions spanning interagency enterprises.

Teamwork

As the California Air Resources Board, National Park Service, US Forest Service, Bureau of Land Management, EPA, and private organizations such as the Getty Education Institute and Information Technology Institute have realized, Delphi International's unique understanding of the public sector - combined with extensive expertise in 3D graphics and animation - offer significant value.

Delphi transforms complex information into computer animations that allow environmental scientists and decision-makers to better understand the results of research and effectively convey those findings to others.

Delphi International doesn't just supply technology components and leave you with the task of making them work together. Through our strategic agreements with technologists, academia, and government agencies we provide complete solutions.

When working together, integrated systems from Delphi International united in a dynamic landscape can dynamically improve the way we understand and communicate.

