



Presentation, Decision-making and Design Development solution for

Architects

Presented by



VisionStream is a growing global business and information technology consulting firm. It helps client solve their toughest problems. Their biggest challenges. The sort of hurdles that require the unique capabilities of our team of top-caliber professionals — business experts, strategists, designers, visualizers and researchers.

We are technology specialists and expert mentors who know how to help. Our know-how and experience includes 3D/ 4D Visualization, Interaction, Graphic and Experience Design, Knowledge Management, Development Programming and deployment of Enterprise solutions.

Introduction

4-D is a cutting-edge technology that combines the 3-d visualization and Interactivity to produce exceptionally rich multimedia presentations. It's being successfully used by world's leading high technology industries for simulations and gaming. We explored it from an Architect's point of view and found smarter ways of making Presentations, Decisions and useful for design study. One of the key features is Real-Time Interactivity, which allows user to control the Scene; 3-D model, Cameras, Lights, Materials and Environment, on the fly. The User-Interface design for presentations can be completely customized.

The process of making these presentation involves importing the 3-D model, developing the User-Interface, assigning scripts to connect them. The presentations can be published as driver-free standalone applications, media player files and can also be viewed on Internet Explorer from the Intranet. It utilizes Open GL/ DirectX Graphics renderer to display 3-D graphics content.

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Industries using 4 -D Technology

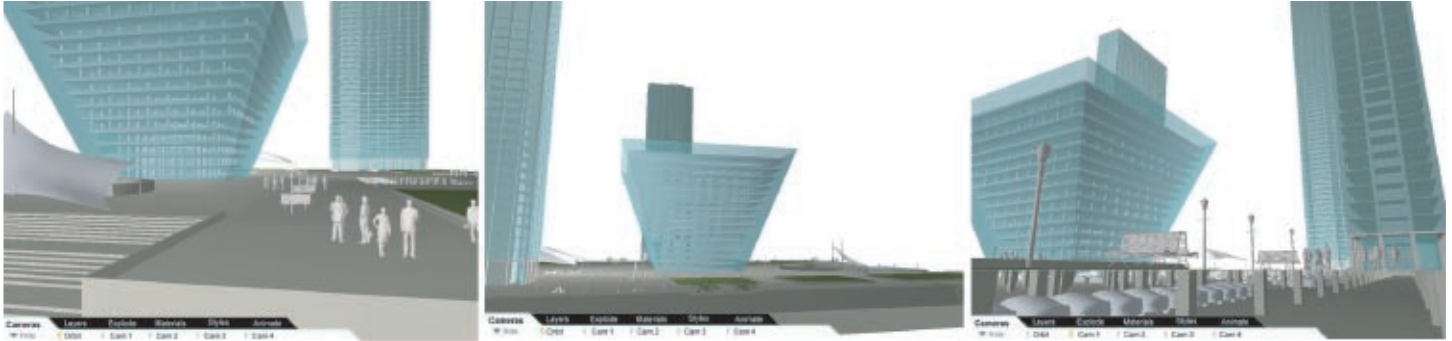


Architect's View Point

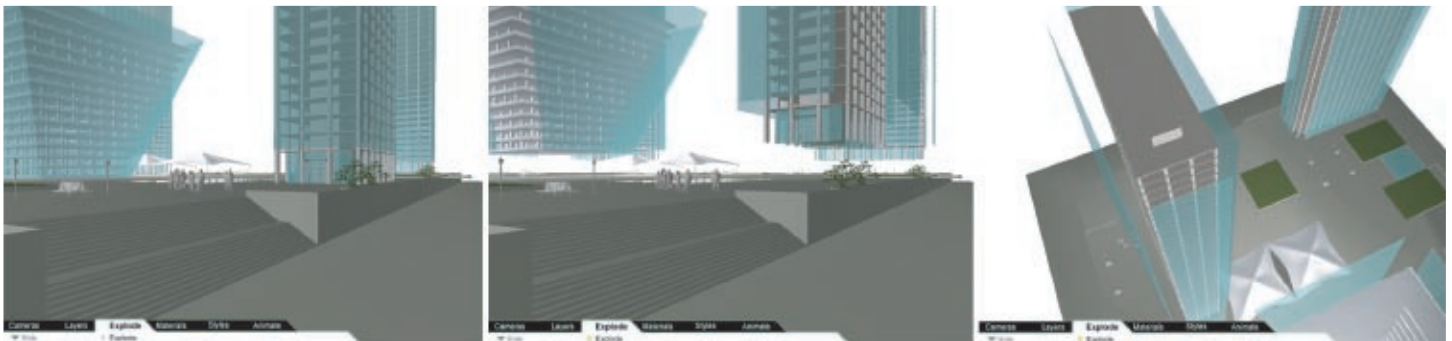
We worked on a demonstration to explore the possibilities, this 4-D technology could help Architects and designers with. The results were well acknowledged by some of the leading Architects.

One standalone fullscreen application plays it all!

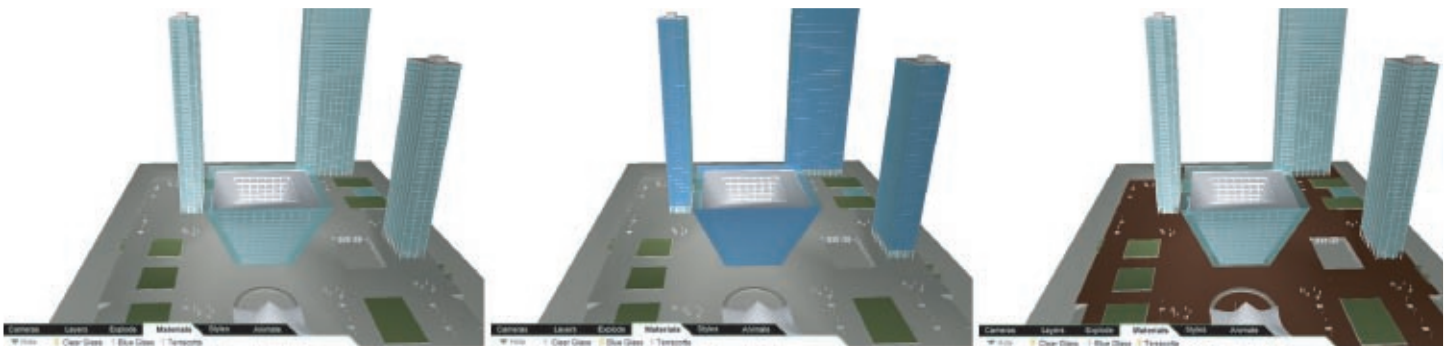
Orbit and Multiple Cameras



Exploded View of Buildings



Update Building Materials in Real-Time

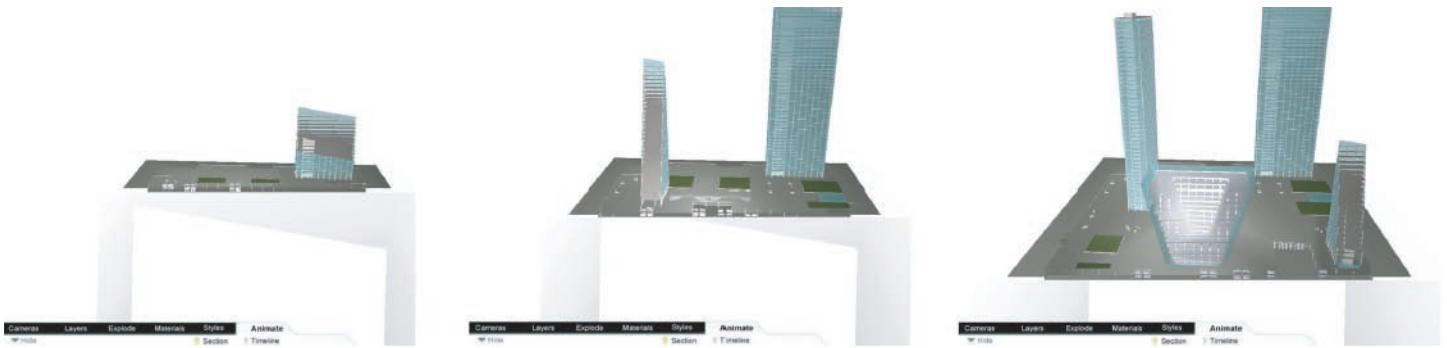


Architect's View Point

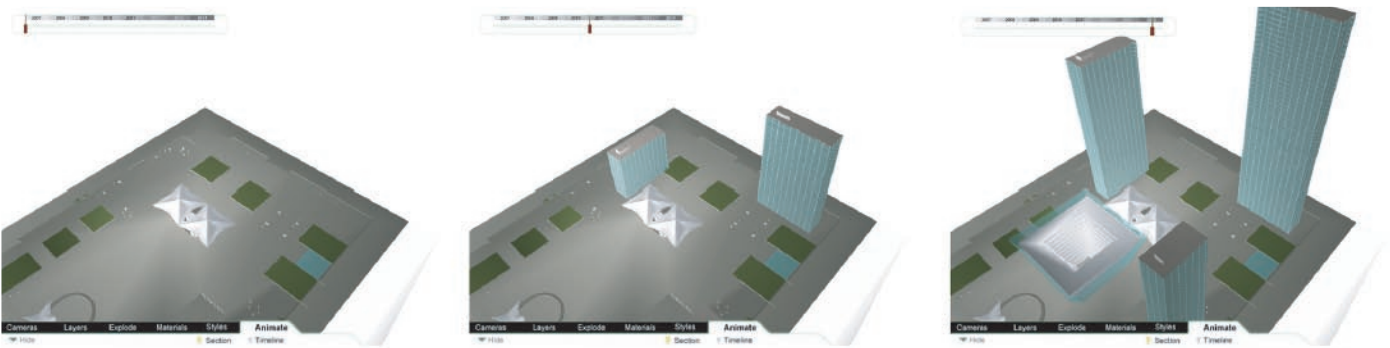
Solid, Translucent and Wireframe Rendering Modes



Animate Sections and view it from any Camera angle

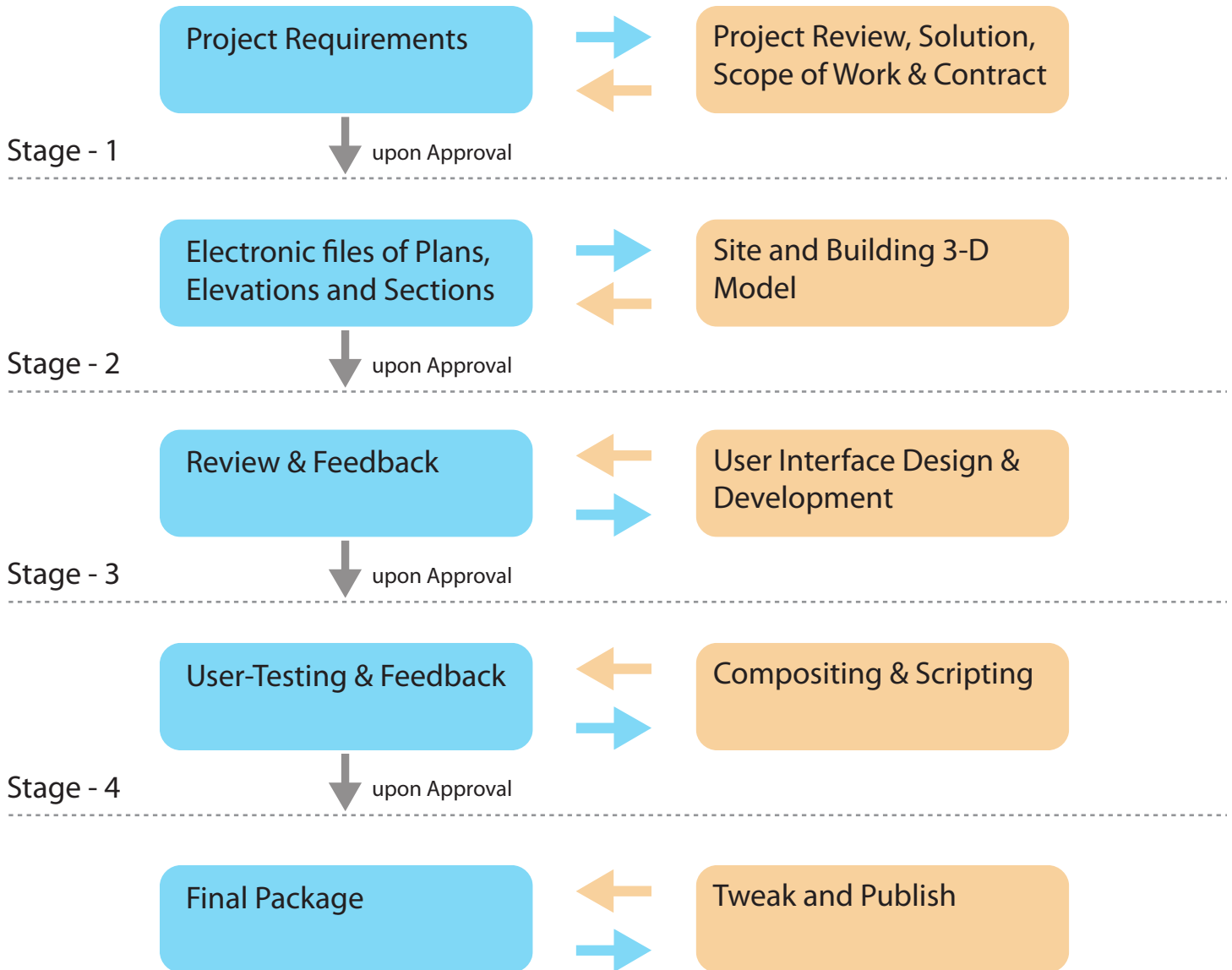


Scroll Project Timeline to see the Buildings evolve over a period of Time



Client

VisionStream





ANARK provides powerful enterprise software and solutions to organizations that need to cost effectively deliver high-end, 4-D based applications. Anark Studio is the most powerful rapid application authoring tool for efficiently creating interactive 3-D content. Anark Studio enables you to build enterprise-class 3-D applications with expansive interactivity, menus, simulations and connectivity to your external data sources. Complete projects on time and within budget. Anark Studio can take 3-D, video, graphics and audio files to produce experiential 4-D multimedia content and publish it to a variety of presentation file formats.

Input



3D File Formats

.3ds, .AMX & Collada



Video File Formats

.avi, .asf, .mov & .mpeg



Image File Formats

.png, .tga, .tiff, .psd, .bmp & .jpg



Audio File Formats



.wav, .aiff & .mp3

Output

.exe standalone Application



Anark Media Player



CD-ROM



Internet Explorer



.avi & .mov Video



Presentation Computer requirements



- Microsoft Windows 98, 2000, XP
- Pentium 3 processor @ 500MHZ
- 256 MB RAM
- 128 MB Graphics Card

- Direct X 7.0 or later installed
- Windows Media Player 7.0 or later
- Minimum 50 mb of disk space

Consultancy

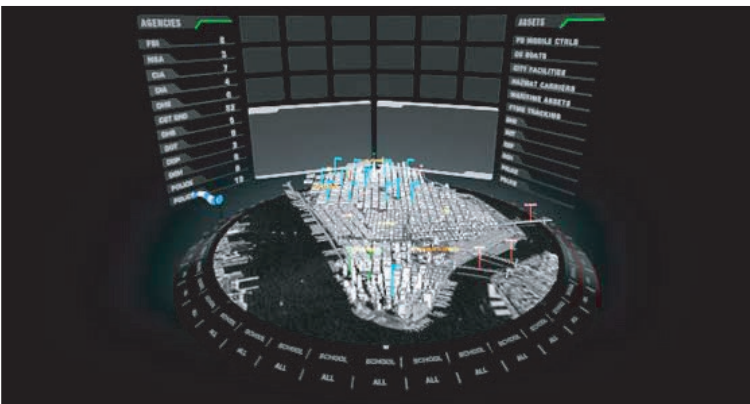
VisionStream is dedicated to provide consultancy services to develop experiential 3-d/4-d presentations for Architecture and Design Industry.

Training

VisionStream can also provide online/ in-house training materials for Design and Visualization Professionals. Intermediate level of skills in 3-D and programming/scripting is required.

Services Provided

- 3-D/ 4-D visualization solutions
- Web Design and Development
- Oracle Business Suite Development



Key Personnel

Andy Jain

Senior Director

Kunal Jain

Technical Director

Rahul Spall

4-D visualization Lead

Rahul has been working in New Media Industry from the last six years. His knowledge of medium embraces 3-D/4-D Visualization, Interaction Design, Digital film and Motion Graphics. His education qualifications include Masters' degree in Design & Technology from Parsons the New School of Design, New York and an Undergraduate degree in Architecture from Indraprastha University, New Delhi, India.

Significant Experience

- Vision Stream LLC, **4-D Visualization Lead**, Greater New York Area.
- Parsons Brinckerhoff Quade & Douglas, New York | Senior Technical Specialist, **4-D Visualization of World Trade Center, New York**
- **Parsons the New School of Design, New York** | Instructor for Web Design and Motion Graphics
- Viz RT Americas, New York | Design and Programming for **Interactive 3-D installation, public display at Museum of Modern Art, New York**, SAFE, fall 2005
- People's Portrait, Real-Time, networked Media Installation by Artist Zhang Ga, New York, Seoul, Australia, Germany, Austria and London | Interactive Kiosk Design and Construction
- **VH1 MTV networks, New York** | Motion Graphics Intern.

Ameet Singh

Design Visualization specialist

VisionStreamLLC
45 Academy Street, Suite 407, Newark, NJ, 07102
T. 1-917-916-1303
<http://www.visionstreamllc.com>



Client List



RICCI GREENE ASSOCIATES



HOTELS

