



## Case Study: Great Basin Engineering Utah, USA

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*"With RDV for Civil3D, it takes only 3-hours to create professional 3D visualizations in comparison to the 40-hours it takes to create 3D visualizations with standard rendering software" - Andy Hubbard, Great Basin Engineering*

### **Background:**

Great Basin Engineering specializes in commercial and subdivision civil engineering projects. The principles attended Autodesk University's Civil 3D web cast, during which RDV was presented in conjunction with civil 3D.

### **The challenge:**

Great Basin Engineering sought after a 3D visualization solution to assist in streamlining project approval processes with government authorities and public entities. The standard rendering capabilities and camera functionality within the company's existing design and engineering software packages were insufficient to provide the ease-of-use and flexibility required for creating rapid 3D visualizations for civil engineering projects. Traditional methods produced only static and predetermined 3D visualizations; creating a 3D visualization, such as a drive down a highway, at a reasonable time would take Great Basin 40-hours to complete, not to mention the time it would take to update 3D visualization presentations in the event of changes to the design which inevitably occur during the approval process.

### **The solution:**

To meet those challenges, Great Basin Engineering has incorporated RDV as an integral part of its project design and implementation processes.

### **Benefits:**

- The time required create 3D visualizations with RDV has been reduced by 90% (3-hours in comparison to 40-hours)
- Professional 3D visualization capabilities for the CAD user
- Significantly increased flexibility by enabling immediate updates to 3D visualizations directly through Civil3D at a click of a button
- A compelling solution to dynamically communicate projects in all visual aspects, resulting in significantly shorter presentation and review processes that save enormous amounts of time and money
- RDV's web publishing feature enables Great Basin to effectively present its engineering capabilities to its potential customers via the internet, enhancing its competitive advantage.

### **About RDV Systems**

RDV Systems is a dynamic company that has quickly emerged as a leader in Building Infrastructure and GIS visualization. Its unique approach to modeling and simulation of complex engineering projects is revolutionizing the way the Building Infrastructure and GIS community use visualization to evaluate, communicate, Analyze and publish their projects. RDV Systems is a subsidiary of the DataSafe group with corporate headquarters in Lod, Israel

