

“Trelligence Affinity allowed us to test three conceptual designs for the 4th Street Transit Center in the matter of a few days.”

Tom Brooks-Pilling, Architecture Practice Leader, PB

Since 1885, PB (Parsons Brinckerhoff, Inc.) has been a leader in the development and operation of infrastructure to meet the needs of communities around the world. PB provides strategic consulting, planning, engineering, and program and construction management services to the public and private sector and is one of the world's leading transportation engineering firms.

The Challenge

When the Regional Transportation Commission (RTC) of Washoe County, Nevada needed a new transit facility, they asked PB for conceptual designs and estimates for funding and planning purposes. Due to questions about the final site and tight deadlines, they also needed to quickly evaluate multiple design scenarios.

Tom Brooks-Pilling, Architecture Practice Leader for PB, needed to respond quickly and still be confident that his design concepts met the project requirements.

Three Design Scenarios

Brooks-Pilling installed **Trelligence Affinity**[™] and quickly created a space program for the Transit Center Project. He was then able to generate three design scenarios and test them on the site for review with the client.

“Affinity allowed us to test and document the three concepts quickly and efficiently – and we had the added benefit of being able to publish detailed space and cost comparisons with just a couple of mouse clicks”, said Brooks-Pilling. “This was pretty amazing as we were first time users for this software!”

For future projects, the bi-directional integration with Revit® Architecture will allow further design to program compliance tracking.



PB
New York, NY, USA
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Industry:

Planning, engineering, and program and construction management

Trelligence Solutions:

Affinity

Benefits:

- § Easy program development
- § Rapid schematic design scenario creation
- § Real time analysis of design compliance to space requirements
- § Exceeded client expectations

