BART Station

The Challenge

URS was given a challenge to create a 3D model of a BART station and demonstrate how it would place flat screen monitors through out the station for advertising. The challenge was to accomplish this in a two week time period.

This would require a detailed as built and then modeling the station. The as built alone would take 3 to 4 weeks alone. The modeling would take an additional 60 days.

URS did not have the contract and this project was to show how fast they could respond as well as how detailed the model could be. In order for URS to meet the challenge they would need detailed 3D models in 4 days.

The Solution

The scanning team, with the use of the ISI InteliCamera, scanned three levels of the San Francisco station. The scanning took 2 days without having to close the station or causing any disruption in service.

Post processing and the creation of a 3D model of the station took an additional two days. Scanning was started on a Thursday and 3D models were delivered to URS on the following Monday. URS took the models and added the textures of the new design with the placement of the flat panels and submitted the project on time.

The Results

-URS won the multi-million dollar project
-LD3 technology saved 10 weeks of time
-No disruption to the station

The InteliSum Approach:

InteliSum teamed with URS to determine deliverables needed to meet the challenge and win the contract.

Project Management (1 Day):

- Scoping out the station and creation of a scan plan
- Coordinating time frames with URS

Scanning (2 Days)

- Site set up and targeting
- On site scanning

Post processing (2 Days):

- 3D modelling and animation

Total Savings :

- Total ISI time 2 Days
- Traditional Methods 75 Days
- Saved $80,000

CLIENT RESPONSE:

“ISI’s LD3 technology was the way we could meet the schedule and they came through.”