

Quantapoint Case Study

National Corrections & Law Enforcement Training and Technology Center Mock Riot

Good Intelligence Saves Lives

Situation

The National Corrections & Law Enforcement Training and Technology Center (NCLEETTC) was preparing to hold a mock riot to train law enforcement personnel.

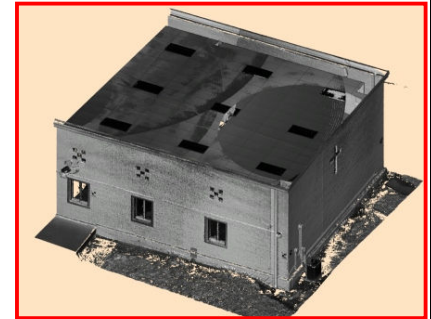


Challenge

For the exercise, the NCLEETTC desired accurate building documentation of the prison to determine the impact on both riot response planning and implementation.

Solution

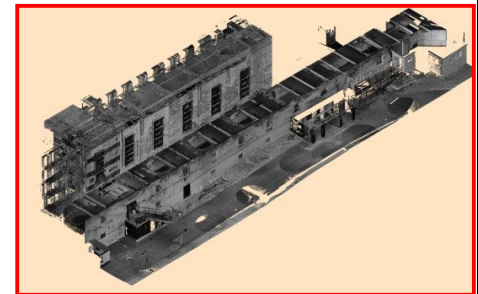
Quantapoint was selected to perform laser scanning to generate the 3D data needed to achieve exercise goals.



Results

A few unique aspects about Quantapoint's contributions to this project include the following:

- ❖ Quantapoint's field crews spent only three days in the field capturing details of the yard, chapel, and cellblock areas that are going to be used for the mock riot training.
- ❖ The highly accurate laser scan data was used to create photo-realistic and interactive 3D laser models. These were not approximations using computer-aided drawings (CAD), but are composite 3D images incorporating all laser scan data.
- ❖ The Quantapoint 3D laser models enabled the participants to practice building entries before committing to a tactical plan, measure hallways and points of entry for equipment needs, and identify alternate points of exit.
- ❖ The good intelligence on the physical environment was found to assist tactical planning by identifying obstacles, reducing confusion and improving tactics. All without risking lives.



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