

US Test & Balance Corporation - Case Study

The Customer

Fall 2007

A typical Monday morning in the office, I answer the phone and a voice coming from halfway around the world was asking for assistance with the testing and balancing of a new overseas embassy.

Through heavy static, I was able to determine this wasn't just any embassy, it was the largest American embassy compound ever built and it was located on the banks of the Tigris River in downtown Baghdad, Iraq.

The Discovery

The customer discovered us by searching on-line and by word of mouth. More than a few people told the customer there was only one company in the United States that would take on the project..... US Test & Balance Corporation of Hopewell Junction, New York

The Challenge

The customer needed immediate help with its testing and balancing program; it was behind schedule and mired in controversy.

During the fall of 2007, there were no scheduled airlines serving Iraq and Baghdad was rocked with insurrection. The new embassy compound was only accessible via a fifteen mile overland journey using a road known as the "most dangerous road in the world".

This called for a quick decision, and after a short period of due diligence and risk assessment, we came to terms and agreed to send a crew of six along with instrumentation within the week.

Transporting test & balance instrumentation to overseas locations frequently results in long arrival delays or outright impoundment by the local officials.

US Test & Balance Corporation resolves this issue by carrying our test instruments on board as luggage, ensuring our ability to hit the ground running on day one.

Actual instrumentation carried by our technicians to Baghdad



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The Journey

The regional test & balance firm already on the embassy site was having difficulty maintaining schedules, qualified manpower and focus. The largest and most difficult buildings in the compound were yet to be tested and occupancy was expected in eight weeks.

US Test & Balance Corporation tackled the remaining larger buildings while the regional test firm was allowed to continue working on the smaller buildings.

The Solution

Splitting up our six man crew enabled us to test & balance two buildings concurrently and we quickly caught up with the building automation contractor, who we were then able to work alongside of and assist with the many temperature and pressure control set points.

The Implementation

After working 12 to 16 hours a day, seven days a week, in an area of great danger, we were able to certify the largest, most complicated and most secure buildings on the embassy compound two weeks ahead of schedule.

The Results

