



A LEADING DATA STORAGE MANUFACTURER LEVERAGES INNOVATIVE APPLICATION TO ACCURATELY ASSESS DATA CENTER CAPACITY WITH REAL-TIME UTILIZATION NUMBERS

CHALLENGE:

A leading data storage manufacturer was faced with a corporate initiative to consolidate and amortize data center space across the enterprise. The company did not have an accurate view into actual data center utilization, requiring an assessment of the available storage capacity in its 17,000 computer cabinets spread across the multiple facilities. Their existing data storage assessment process was extremely manual and time-consuming, and quarterly audits had revealed the process was only achieving a 70% accuracy rate. Realizing this assessment could take close to a year to complete, WEI was enlisted to assist in the assessment process.

SOLUTION:

WEI recognized an opportunity to greatly improve the reliability and efficiency of the assessment process with an application. Working closely with the company to clearly understand their environment and their existing process, WEI developed a unique application called Build-A-Cab with the capability to map out each data center environment digitally. This application enables a technician to accurately gauge storage capacity in minutes by entering in the dimensions, attributes and timeline of each tile on a tablet device. Data entered into the Build-A-Cab application automatically feeds into the company's Data Center Information Manager (DCIM) application.

OUTCOME:

The data storage manufacturer was able to survey three massive data center facilities and 17,000 cabinets in 45 days instead of a year—saving time and substantial labor costs.

WEI took the application further by building a web interface that provides a visual view of data center utilization company-wide. Business unit managers and data center managers could quickly identify available space and robust reporting features enabled them to make better business decisions based on real-time utilization numbers.

"This custom Build-A-Cab application we developed showcases our distinctive strengths as a collaborative IT solutions provider," said Dave Fafel, Chief Architect of WEI. "We're agile enough and have the depth and breadth of technical talent to develop creative, custom solutions to solve our customers' challenges and then implement them in-house. At WEI, we don't just resell solutions, we go further. We add value and services to complement the products we sell. Based upon our close working relationship with the customer, we understood the challenges they faced surveying their data centers and addressed the issue in an unexpected, yet elegant way."

ABOUT WEI

**WEI is an innovative,
full service, customer centric
IT solutions provider.**


**Why WEI? Because we care.
Because we go further.**

At WEI, we're passionate about solving your technology problems and helping you drive your desired business outcomes. We believe in challenging the status quo and thinking differently. There are a lot of companies that can take today's technology and create a great IT solution for you. But we do more. We go further. And we have the customer, vendor and industry awards to prove it. WEI is a premier technology partner, who always puts our customers first while providing the most innovative solutions for over 25 years.

 info@wei.com

 800.296.7837

 www.wei.com

 43 Northwestern Drive
Salem, NH 03079