Boeing's Need for Automated Reporting

Boeing's business plan reporting was highly inefficient and error-prone

The Boeing Company provides innovative and effective common services to its business units and corporate offices. As a part of these services, The Boeing Realty Corp. manages the sale and acquisition of all leased and owned property. To improve strategic decision-making The Boeing Realty Corp. designed a Long Range Business Plan ("**LRBP**") that involves myriad current valuation metrics such as Operational Expenditure, Capital Expenditure, Land Valuation, and Revenue, to name of few. However, updating the LRBP was done manually each quarter and typically involved 3-6 staff members, taking upwards of 6-10 weeks to complete. With reports being manually drawn together, they were highly error-prone and difficult to verify, given their separation from source data.

Competitive Analytics developed an automated reporting system

Competitive Analytics was hired to develop a reporting system for The Boeing Company's LRBP. Previously, reports were manually filled out by the various property managers. Competitive Analytics changed the entire system of operation by generating over 20 automated templates that are sent out to relevant personnel on a scheduled basis. Using the information gathered through the system from personnel, reports are automatically generated for each property type, showing descriptive statistics and forecasts. The reporting process Competitive Analytics designed and developed is more streamlined, accurate, and automated with deeper analytical reporting than what Boeing was doing before.

High-level data in presentations is drillable down to the source level

In the system developed, a visualized presentation of high-level findings is automatically generated after reporting is finished. This tool, used at the managerial and executive levels, is easy-to-read, timely, accurate, and interactive, allowing decision-makers to feel confident in their strategic choices. Beforehand, users were able to answer questions and verify report findings immediately through the interactive functionality of the data presentation. This eliminated the time-consuming hassle of waiting for standard, one-off reports to be produced. From the reported high-level findings, users can drill down through the analyses all the way to the source data.

We enabled Boeing to make more timely decisions and reduce errors

The automated reporting ensured Boeing's property management (income, expenses, sales, etc.) was more efficient and effective. The key improvements our automated reporting services achieved include:

- **Time Savings:** Competitive Analytics developed a process that saved up to 320 hours of labor hours per quarter.

- **Error reduction:** Eliminated a significant number of reoccurring calculation errors and reference errors.