

Babcock & Wilcox chooses the power of EPI-USE Labs to transform their landscape

“Working with EPI-USE Labs has been a great experience.”





Babcock & Wilcox at a glance

- 1867 – Stephen Wilcox and George Babcock establish the company
- 1888 – B&W boilers power Thomas Edison's laboratory.
- 1902 – First New York subway uses B&W boilers.
- 1918 – B&W builds world's first pulverized coal power plant
- 1957 – First supercritical pressure coal-fired boiler
- 1970s – B&W establishes leadership in power plant emission controls for SO_x, NO_x, Mercury
- 2010 – B&W begins trading on NYSE
- 2016 – 6000+ employees; 325,000 megawatts of steam generation capacity.

Introducing Babcock & Wilcox

Established in 1867, Babcock & Wilcox (B&W) is a global leader in energy and environmental technologies and services for the power and industrial markets, with operations, subsidiaries and joint ventures worldwide. B&W employs approximately 6,000, in addition to 2,500 joint venture employees globally. B&W is headquartered in Charlotte, North Carolina, US.

The Situation

As part of a company restructuring occurring in June 2015, B&W made the decision to re-align their SAP landscape and deployment to conform to the restructure.

The next step was to clarify how EPI-USE Labs could assist with the project.

The Challenge

After considering multiple bids, B&W chose EPI-USE Labs for the restructuring project centering on SAP's ECC system. The decision was made after a two-week, detailed Blueprinting workshop held in mid-November 2015 involving B&W's technical and functional teams, as well as a third-party provider.

The blueprint gave B&W's management the confidence and information needed to understand in detail how the restructuring would be executed. It included a high-level schedule, landscape architecture, functional data analysis and a formal Statement of Work (SOW) defining deliverables, roles and responsibilities.

The decision to move ahead came at the end of November 2015, when the Labs team working alongside B&W's Basis team began to install and configure their solutions, to build the required validation systems.

In addition, B&W also made a decision to externally host the new SAP ECC system using a Tier 1 third-party service provider.

The scope of the project included the full divestment of five company codes and three related plants, including all relevant master and transactional data.

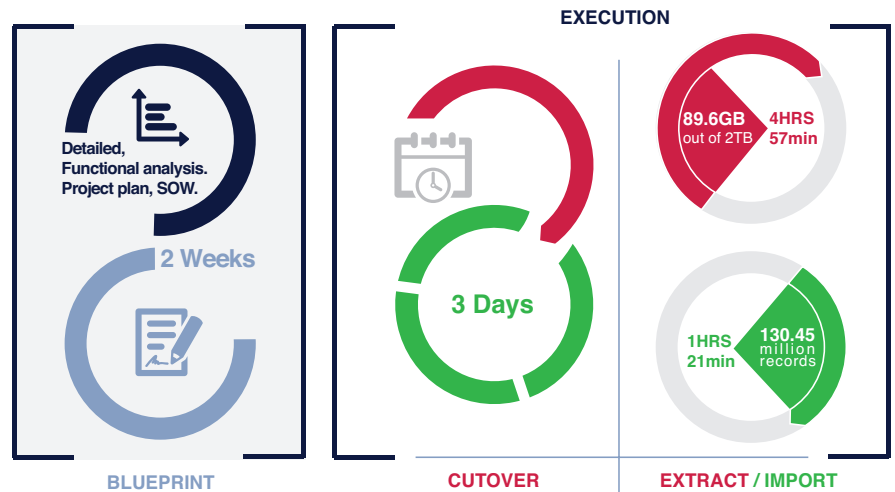
"... We had two validation runs prior to the final carve out. As these had gone smoothly, we were all very comfortable prior to the final carve out and we were able to give a final okay in the final cut over weekend, 6 hours before schedule."

B&W ERP/SAP Manager

"We had a very fruitful workshop going through the enterprise setup in SAP, agreeing on the scope and framework.... EPI-USE Labs took us by the hand and guided us to the right decision: when to slice data and when not to."

B&W ERP/SAP Manager

Project at a Glance



"EPI-USE Labs demonstrated a deep knowledge of SAP and its complexities, as well as flexibility when dates shifted."

B&W ERP/SAP Manager

"We would highly recommend EPI-USE and plan to use them for any subsequent work." B&W ERP Program Director

The Result

In the course of 12 weeks (including Christmas and New Year's day), EPI-USE Labs, Babcock & Wilcox and the third-party provider managed to successfully extract the relevant business data and create a new SAP landscape that integrated with the the necessary non-SAP systems.

As part of the plan, two validation cycles were included, with both technical and functional validation being done to ensure a smooth cutover process.

Despite pressure from parallel projects, the project was successfully completed on time and within budget, thanks to close collaboration between the teams and their members and the flexibility of EPI-USE Labs.

B&W is now using its new landscape productively and was able to complete the transition of its SAP landscape earlier than scheduled.

About EPI-USE Labs

EPI-USE Labs is a products and services company specialising in software add-on solutions. All these are aimed at complementing enterprise systems like SAP, making them faster, more powerful and cloud-enabled.

The company has been doing this for thirty years and its 98% customer retention record attests to the ingenuity and effectiveness of its offerings. The reasons are not surprising: hard work, uncompromising commitment to quality and a service and support ethic in which going the extra mile is standard practice. The effects of this are significant transformation in business procedures, vastly improved efficiency and measureable time and cost savings.

To find out more about EPI-USE Labs' solutions and services, please visit
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