How to Meet Demand From Business
- in the 4th Industrial Revolution

> **ABOUT BABCOCK & WILCOX VØLUND**
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> *With its head office in Esbjerg, Denmark, Babcock & Wilcox Vølund manufactures, constructs, maintains and operates renewable energy plants.*
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> *Babcock & Wilcox Vølund has designed and built more than 560 waste-to-energy lines around the world - and a remarkable number of them are still in use, many decades after they were built.*
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> *When Babcock & Wilcox Vølund developed the first waste-to-energy plant back in 1930, it revolutionized waste-disposal techniques. Since then they have grown to become one of the world's leading technology suppliers for converting household waste and biomass into heat and power, as well as a provider of turnkey solutions utilizing strategic partners.*
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> *Babcock & Wilcox Vølund is a subsidiary of Babcock & Wilcox, headquartered in the US - Charlotte, N.C., a global leader in energy and environmental technologies and services for the power and industrial markets, who has been transforming this industry for 150 years. Read more at www.volund.dk.*

The Challenge:

Mid-2015 Babcock & Wilcox Vølund implemented an ambitious global growth strategy, largely depending on a high level of business agility in terms of growth both in the number of employees as well as mergers and acquisitions. With more than 700 employees and 40 business critical high-end engineering applications - workspace mobility, centralization and operational excellence were key drivers for realizing the growth strategies. A technical and organizational change project was needed.

The Change Project: Planning and Transformation

Babcock & Wilcox Vølund took action with all parties involved from management to the user. In the below use case, it is outlined how a change project became a success at all levels – from strategic to tactical and operational levels, with Citrix, the Lean-On Application Accelerator Platform® and services, as critical components.

Strategic Level

Increasing market demands to meet intense global competition, made management implement, prioritize and focus policies on the following strategies:
Enablement of

- A larger business agility
- A global sourcing strategy
- Growth in mobility and productivity
- Operational excellence
- Simplicity in mergers and acquisitions

Tactical Level

The goal was to implement an IT technical platform that could support the above strategic ambition. The above strategic ambition was broken down into the overall following procedures to be implemented:

- Global sourcing of all types of knowledge workers independent of geography
- Involvement of system owners and project owners
- Fast delivery of desktops – enablement of a high-engineering desktops at a higher frequency
- Fast on-boarding/off-boarding of new employees and contract workers no matter the location

Babcock & Wilcox Vølund found that the Lean-On Application Accelerator Platform® could fulfill all the requirements, and super users, the IT department and management all became involved in the process.

Operational Level

The business does not earn money from maintaining infrastructure but from having users working effectively in the business-critical applications each and every day. Hence, on an operational level and on a day-to-day interaction, priorities are fully on maintaining a unique user experience that can keep the users productive and effective in their daily work tasks in the business-critical applications. This means keeping what you promise to the users, and having something better for the users, making their work-life easier and more effective. In order to enable great consistency in terms of the above, it was necessary to have the following workflows in place:

- A structured and automated request for change workflow, for the IT environment in relation to the updates of all engineering software
- A streamlined and secured lifecycle of all engineering software
- Having streamlined user settings, going from difficult individual settings to standard default settings for the entire setup
- Full documentation of all installation procedures
- With the above centralization of procedures, increase the level of security against cyberattacks

From Here

Lean-On and Babcock & Wilcox Vølund, have made transformation easy and users happy. When the entire HR legal and contractual procedure has been completed, 25 new knowledge workers can now be onboarded within a few hours, no matter the location, from Slovakia to India. 42 high-end engineering applications from graphic intensive Autodesk Inventor and PDMS to compute intensive HPC applications such as Rohr2 and Ansys Fluent are running on the platform today.

Jørgen Pedersen, IT Director EMEA – Babcock & Wilcox, Vølund

"The Citrix technology and the Lean-On Application Accelerator Platform® and services have very much been a change project for our organization. In the change process the users should be able to see an improvement from the workday they are coming from, otherwise they will not be committed. As for management – they need to be able to see a fulfillment of their growth strategies in order to be committed. Globally, the Lean-On Application Accelerator Platform has enabled that for us. We can now fulfill corporate growth strategies and improve productivity for the users, worldwide."

- Jørgen Pedersen, IT Director EMEA –
Babcock & Wilcox, Vølund

About Lean-On A/S

Lean-On A/S is one of Europe's leading suppliers of hybrid cloud services and Citrix-based infrastructure, and provides the market's best performing VDI services and customer experience. It is seamlessly integrated into a high-performance platform, including an ecosystem built for engineers and companies with high-demanding users and global needs. Lean-On enables your users to utilize the full potential of their industrial applications, to meet changed demands, and to empower digital drivers under the fourth industrial revolution.

We are domain experts within centralized IT operations, virtual computing, and HPC services, who are eager to work on some of the most challenging problems within high-performance VDI and HPC, and have a market-leading customer reference base to prove it.

Lean-On has globally leading know-how in technologies from Apache Cloudstack, Citrix, Intel, AMD, Microsoft, Supermicro, Nvidia, Ivanti, as well as suppliers of ZFS storage (Oracle, OmniOS and Nexenta), supplemented with in-house developed products.

Learn more at www.lean-on.com