

The fast track to PLM for Bladon Micro Turbine

Pioneer in the design, development and manufacture of micro turbines chooses Teamcenter to manage SolidWorks data and processes

Business challenges demand PLM

Global design and manufacturing	More complex products	Cumbersome systems and processes
<p>"Our team of 10 SolidWorks designers was using PDM and looking to upgrade. The core reason for Teamcenter was its quick, out-of-the box solution...and the initial focus was to replace our PDM system with a PLM system that can grow." <i>Thomas Chainiau, Mechanical Design Engineer, Bladon MT</i></p>		

Why Teamcenter is better for business

<p>Easily find, share, re-use</p> <p>"Design engineers weren't suffering from performance, but now they use Teamcenter inside SolidWorks so non-SolidWorks users have access to their designs." <i>Thomas Chainiau, Mechanical Design Engineer, Bladon MT</i></p>	<p>Improved BOM management</p> <p>"We had non-SolidWorks users using PDM for all of the BOM investigation, and it just wasn't very user friendly...supply chain, purchasing, manufacturing, quality. The BOM was limited and the user interface was not user friendly." <i>Neil Robson, Chief Engineer and Head of Engineering, Bladon MT</i></p>	<p>Integrated change processes</p> <p>"We wanted to introduce lifecycle control with Teamcenter. We already had quite well developed engineering change control processes, but they were run outside of PDM. Now we have lifecycle and process flow as part of the integrated PLM tool." <i>Neil Robson, Chief Engineer and Head of Engineering, Bladon MT</i></p>
<p>Easy web access for everyone, everywhere</p> <p>"Our old PDM system was not easy to use so only a small subgroup of people were using it and everyone else depended on them. We wanted to make the information more accessible to a wider group of people and make it available to non-CAD and non-engineering people. The feedback has been very positive in that non-engineering users have found the web browser to be quite intuitive." <i>Neil Robson, Chief Engineer and Head of Engineering, Bladon MT</i></p>	<p>Visual search and rendering</p> <p>"Searching for parts and visualizing the parts is very useful. In our old PDM the graphics rendering of the parts was very tedious, and for non-expert users it was quite difficult to follow the parts assembly – seeing where-used, any obsolescence, if part is used multiple times or different assemblies is quite difficult – it's a lot easier to do that kind of searching within Teamcenter." <i>Neil Robson, Chief Engineer and Head of Engineering, Bladon MT</i></p>	<p>Time and cost savings</p> <p>"We calculated thousands of man hours of time savings compared to the way those groups were searching for information in the old PDM system...it's easy to put together a justification for Teamcenter when you bring in groups outside of the core engineering team. People can access Teamcenter from a web browser anywhere, at any time." <i>Neil Robson, Chief Engineer and Head of Engineering, Bladon MT</i></p>

Keys to success

<p>Quick and efficient deployment</p>	<p>PLM that can grow as you grow</p>	<p>Easy to manage and maintain</p>
<p>"I'm a mechanical design engineer, and I'm also responsible for deploying Teamcenter. The actual deployment is almost non-existent because all users have web browser access ...before we had to deploy to each user. The infrastructure side is very easy to manage." <i>Thomas Chainiau, Mechanical Design Engineer, Bladon MT</i></p>		

About Bladon

Bladon is a pioneer in the design, development and manufacture of Micro Turbine Gensets (MTGs) – using high-speed, ultra reliable and clean-burning microturbines together with patented air-bearing and heat exchanger technologies that will transform distributed power generation.

Partner: OnePLM

OnePLM, based in the UK and Ireland, is one of the largest Siemens PLM software resellers worldwide. OnePLM has built a reputation in successfully delivering Siemens software solutions, technical consultancy and support services.

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