

Case Study – powerJobs

Project

PDF-Creation on Release

Autodesk Product

Vault Professional 2013 / 14

coolOrange product

powerJobs

Customer

EHC GLOBAL

Sector

Mechanical / Industrial
Engineering, Lift Industry

Reseller

SolidCAD Solutions

Country / Region

Canada, Europe, China

EHC GLOBAL

EHC Global is the world leader in the design and sale of escalator handrails. The company holds worldwide patents for escalator handrails, and advertising on escalator handrails. EHC has introduced many new products such as escalator safety brushes, urethane rollers and engineered polymer products. Products are manufactured in Canada, Germany and China. EHC has several licenses and distributors throughout the world.

www.ehc-global.com

**„powerJobs drastically reduced our error-rate
and saves us time on a daily basis!“**

– Mike Degli Angeli, Product Design Engineer at EHC GLOBAL

The Challenge

The project goal was to automate the creation of PDF-files of released Inventor drawings on status change in order to share them easily and accurately with non-CAD users. It was essential to assure that the PDF's that were going out to other departments displayed the latest version of the file. Furthermore, every PDF should have a release stamp and an individual title block showing the address of the region that would release it.

The Solution

We approached SolidCAD Solutions, our trusted Autodesk partner, who looked with us at different options of how to deal with the task. Soon it became clear, that it was not as easy as we initially thought, because there was some customizing involved - like putting the right address on each PDF, depending on the site location.

SolidCAD then suggested coolOrange's product powerJobs, a Vault Job Processor extension, that would take care of all our requirements. After the job processor installation, SolidCAD customized powerJobs to automatically create a PDF for all the regions with the right addresses whenever the status of a file would change into "released". Now, everybody can easily access the latest drawings with accurate information in a neutral format.

What impact did the result have on your business?

Through this solution with powerJobs, our business profits in several aspects.

First of all, we drastically reduced our error-rate by preventing that outdated files were passed on to manufacturing and therefore producing faulty parts. In the past, these kinds of errors had led to a lot of many costs.

Secondly, we saved a lot of development costs, since the project would have been much more difficult and expensive if SolidCAD would have had to start developing from scratch. The solution of coolOrange was already there and only needed to be tweaked a little to fit our specific needs.

And lastly, it saves a lot of our engineers' time on a daily basis because they no longer get asked for drawings from other departments. Before powerJobs, they had to manually create a PDF every time a non-CAD user requested a drawing.

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SolidCAD Solutions

SolidCAD Solutions is a professional services company and the first Autodesk Platinum Partner in Canada serving the Building, Civil, Plant Design and Manufacturing industries. SolidCAD is an Authorized Training Center (ATC) and Certification Center and has earned Autodesk specializations in Product Design & Manufacturing, Advanced MEP, Building, Civil Infrastructure and Process & Power. For more information, please visit www.solidcad.ca

Now, people can just access those PDF's themselves and most important: they can be sure that they are up to date.

The great thing is that most users don't even know about it but still use it every time they release something. Nobody had to change their workflow, everything happens behind the scenes.

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How did you experience working with coolOrange?

SolidCAD suggested coolOrange because they had successfully worked together before. We, EHC, hadn't that much contact with coolOrange since most interaction happened through SolidCAD. There was one case where we needed assistance. At the time, I was in Shanghai and we had to communicate across three different time zones. I was positively surprised by the flexibility of the coolOrange team, since they were available even outside their regular working hours. The issue was solved within one day.

coolOrange s.r.l.

Via Bolzano 78
39011 Lana
Italy
T +39 0473 495000
info@coolOrange.com

Welserstr. 9
86368 Gersthofen
Germany
T +49 821 9078400
info@coolOrange.com

www.coolOrange.com