CASE STUDY

Aras Medical Device Gave Teledyne DALSA a Head Start in Their Product Development

ABOUT

Company: Teledyne DALSA

Headquarters: Waterloo, ON, Canada

Industry: Electrical/Electronic Manufacturing

Product Used: Aras Medical Device

BACKGROUND

Teledyne DALSA is an international technology leader in sensing, imaging and specialized semiconductor fabrication with more than 30 years' experience. Their focus on R&D and a drive for innovation has established them as a partner of choice for many big corporations, known for their high quality.

PROBLEM AREA

Developing and producing more advanced products in a faster tempo, Teledyne DALSA saw a tremendous increase of product related data. The need for a more flexible and global product data management system increased. Being true pioneers in everything they do, Teledyne DALSA knew they should be proactive and improve even further.

"Documents were maintained in several places and they were not easily retrievable. There were chances for confusion or even mistakes. So, it was a lot of effort to find the proper document and be sure that it was the correct one. We wanted to improve that with the PLM system." said Eric Hollants, Developer for X-ray detector for medical, dental and industrial applications at Teledyne DALSA.

SOLUTION

After an extensive research phase, Teledyne DALSA chose the Aras Innovator PLM platform with the specific industry module Aras Medical Device because of its flexibility and its ability to support the current product development processes within Teledyne DALSA.

"The reason why we chose Aras is the fact they have a industry-specific solution like the Aras Medical Device solution that provides us with a head start in our implementation. This solution save us a lot of development time. The Aras Innovator PLM platform already offers a large part of the solution, and with the addition of the Aras Medical Device, we are able to configure the software to our exact needs."

"On top of that, Aras offers resources for doing the actual implementation on the database which saves time and resources on our side and speeds up the process of implementation." says Eric Hollants, Developer for X-ray detector for medical, dental and industrial applications at Teledyne DALSA.

IMPLEMENTATION PROCESS

What Teledyne DALSA was most satisfied with was the structure of work both teams managed to establish. The way of splitting the implementation into smaller chunks and the friendly relationship made the process easier.

"The development process that we created with Aras started with breaking down the whole development into smaller chunks, which also limited the complexity. The next step was to execute a workshop to define what we needed. Aras would then supply to us based on the workshop and we would then test it on a test-database provided by Aras.

We repeated this, improving incrementally, then moved on to the next sprint with a workshop, doing the configuration, doing the testing and this continued." said Eric Hollants, Developer for X-ray detector for medical, dental and industrial applications at Teledyne DALSA.

Currently, Teledyne DALSA is using Aras Medical Device solution. The reason why they chose Aras and the solution was simple:

"Knowledgeable people! They also offer additional resources, which is a big help for us. Their team keeps us on the right track. For example, if we think of solutions that will complicate upgrades in the future, they will guide us back to the right path, where we stick to the good architecture. They prevent us from mistakes. Helping us to keep good performance of the implementation and keep it maintainable in the future." said Eric Hollants, Developer for X-ray detector for medical, dental and industrial applications at Teledyne DALSA.

Aras provides the most powerful low-code platform with applications to design, build, and operate complex products. It's technology enables the rapid delivery of flexible, upgradeable solutions that build business resilience. Aras' platform and product lifecycle management applications connect users in all disciplines and functions to critical product data and processes across the lifecycle and throughout the extended supply chain. Airbus, Audi, DENSO, Honda, Kawasaki, Microsoft, Mitsubishi, and Nissan are using the platform to manage complex change and traceability. Visit www.aras.com to learn more and follow us on Twitter and LinkedIn.