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Is PLM Ever Done?

By: Derek Neiding, Engagement Director at Razorleaf

I was reading #ACECON19 tweets a couple weeks ago and saw one that asked the question “is a PLM implementation ever done?” On one hand, if the answer is no, that’s pretty scary from a project and ROI perspective. On the other hand, if you implement [PLM](#) and “complete” your implementation does that mean that you have reached complete efficiency and that your business and operation is stable and will not change?

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Start Now: Profiting From the Digital Twin Can Take Time

By: Jonathan Scott, Chief Architect at Razorleaf

The concept of the Digital Twin is still evolving but it is powerful and self-evident enough that most manufacturers believe that they need it. Leading organizations expect that digital twins will help them deliver better products, services, and experiences to their customers, at lower costs than are currently possible. As digital replicas of physical (or cyber-physical) products, digital twins should act as crystal balls allowing engineering teams to understand how their products will behave and respond to real-world use and abuse, long before that information is needed.

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How Many Do You Need?

By: Paul Gimbel. DriveWorks Consultant at Razorleaf

Working with Unknown Quantities in DriveWorks

The wonderful thing about design automation, is that we can work with so many situations where we handle a large number of unknowns. The frustrating thing about design automation is that we can work with so many situations where we handle a large number of unknowns. The toughest of these cases come when we have to deal with unknown quantities of things that need calculating. Let's take a look at how we can work with loads of quantities, dimensions, inputs and outputs without doing an infinite amount of implementation work. Note that this article is meant to let you know about the techniques that are available. I won't dive into the details of each because everyone tells me that I'm too long winded already. I would explain that I'm not, but that would require that I...um...sorry. Let's get back to the subject at hand.

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No Excel Add-In for HoloLens

By: Jonathan Scott, Chief Architect at Razorleaf

My favorite quote from Peter Schroer of Aras from ACE 2019 is, “There is no Excel Add-in for HoloLens.” What Peter is referring to, of course, is Microsoft’s ubiquitous spreadsheet and their maturing entry into the world of MR (Mixed Reality). As a PLM platform company, it is natural that the head of Aras would point this out, because [PLM](#) is how you connect Excel to MR. Allow me to explain.

When you ask a group of engineers to tell you the single-most widely used tool in product development, you can bet that Excel will be at the top of the list. You can manage lists of requirements, perform calculations, develop analytical models, structure bills of materials, and more, all inside of a tool that almost everyone owns. And now you can even collaborate on an Excel file in real-time.

When you ask a group of executives about the kinds of capabilities that they want around their products and product development for the future, you can also wager that Mixed Reality (or Augmented Reality or Virtual Reality) will come up. Enabling employees, partners, and customers to collaborate across the digital and physical worlds, while separated by large distances, makes perfect sense.

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