How to Optimize Your Design Engineering Workflow

Are you satisfied with your design engineering workflow?

- Do your engineers complain of being bogged down by mundane tasks?
- Are your engineering applications, data, process, systems and tools optimized, so that you can pull in data from any system and use it to fuel your product development?
- Do you often find that product data is scattered and siloed making it difficult if not impossible for remote development and manufacturing teams to collaborate effectively?
- Are you able to track who made what change, when, and why — automatically?
- Have you successfully implemented a software development process that reduces the cost and risk of application development and release?
- And lastly, do you rely on weekly status meetings to make informed decisions?

If your answer is yes to any one of these questions it's time that you give serious thought on how to optimize your design engineering workflow.

We get it…and, we're here to help!

Who is SPK and Associates?

SPK and Associates is an IT company that specializes in serving the needs of R&D/Engineering product and software development teams, and manufacturing organizations with engineering-focused IT solutions that optimize engineering product design and development.

> *"My goal was not just to get a technical task completed, but to get our company to the next level. SPK was the perfect partner who easily addressed our needs." VP, Software Development – Fintech Company*

We work with your IT team and engineering development organization to understand your pain points and deliver engineering-based IT solutions that are directly aligned to solve your problems and optimize engineering design workflow. In other words we become your go-to partner that removes engineering IT obstacles. We have helped numerous technology based companies optimize their design engineering workflow and have the results to prove it! In fact, a number of our clients actually confuse our engineers as their own employees - that's the kind of service and commitment we strive to provide, and that you can count on.

> *"SPK is an engineering focused IT firm with a broad set of skills. They clearly understand the R&D development process, applications and tools, and can do technical tasks with ease. It's a way to bring experts in to help optimize your engineering design workflow and accelerate your growth." —VP Engineering, Medical Device Company*

98.3%
Improvement in engineering productivity

39.8
Engineering hours saved every week

What makes SPK and Associates different than traditional IT services is that we are engineers that have an extensive understanding and experience with the R&D product and software development process, applications, data, systems and tools and how to optimize them. This includes streamlining the R&D engineering development design process via workflow integration and automation, optimizing MCAD and EDA systems, Software test/release management, Product Lifecycle Management (PLM), Product Data Management (PDM) and Workflow Integration and Automation solutions. We are also experts in regulatory compliance processes.

Our expertise includes, but is not limited to the following engineering tools.

> *"I find that corporate IT is very good at supporting the company's business needs such as ERP, CRM, networking, security and office productivity; however, they are not equipped to handle the IT needs of engineering, including the tools and process that enables engineering development. Going with SPK solved this problem in more ways than one. With SPK we feel like we have highly skilled professionals that understand the engineering development processes, applications and tools – who are always looking out for us and our needs."* **—VP Engineering, Medical Device Company**

Actually, your design engineering workflow is not that different than many of our clients – below are some examples that we often encounter and address:

- o **Engineering Resources:** we free up your expensive engineering resources from mundane tasks by streamlining the R&D process via workflow integration and automation, enabling your engineers to do what they do best – solve problems and design new, better products.

- o **Collaboration:** we optimize collaboration of remote development teams and manufacturing – ensuring that critical product data is completely secure and updated in real time, and available to remote teams when they need it, 24x7x365 so that everyone works from the same page.

- o **Efficiency:** we ensure that your engineering applications, data, process, systems and tools are optimized, including MCAD and EDA systems, so that can you pull in data from any system and use it to fuel your product development.

- o **Assurance:** we enable you to track who made what change, when, and why — automatically. Allowing you to meet compliance standards and instantly revert to a previous design if there's ever a mistake.

- o **Agile:** we implement Continuous Delivery, Agile, CI and DevOps practices and tools that transform the way your software is delivered by continually reducing the cost and risk of application development and release.

- o **Visibility:** we provide full visibility via dashboards to process and projects so that you no longer have to wait on weekly status meetings to make informed decisions. Our dashboards are designed so that you can easily spot roadblocks, prioritize issues, and secure feedback and sign off from stakeholders in real time to deliver projects on time.

Leveraging our expertise enables your engineering team to do what they do best – focusing on the big picture of developing and delivering better products, quicker; giving your organization a competitive edge.

So why not let SPK and Associates add value to your organization, and help you optimize your design engineering workflow, drive meaningful innovation and gain a competitive advantage?

> *"I never thought Engineering IT would be a core differentiator – that is why we outsourced. But SPK showed me that Engineering IT along with their broad skill set can and is a differentiator for us."* **– CEO, Fintech Company**