

A BETTER WAY TO DESIGN MEDICAL DEVICES

The Designer's Perspective

YOU'VE GOT A LOT ON YOUR SHOULDERS

As a medical device designer, you've got a lot on your shoulders.

You spend more time than you'd like chasing down input from various stakeholders, synthesizing feedback, validating iterations and keeping everyone on the same page.

Fragmented tools and communication channels make for busywork that doesn't add value to the process or bring you joy. You're in your element when you're creating, not replicating.

Yes, a fully integrated design approach sounds practical in theory. But you've honed a deep expertise in your CAD system and have no time to start from scratch with a new tool.





A FULLY INTEGRATED DESIGN APPROACH

Imagine if you could keep your preferred design environment – and gain the freedom to:

Spend more time innovating and less time on repetitive tasks. Remove the monotonous work from your job. Find the freedom to do what you do best.

Design anywhere, anytime. Work remotely. Regain control of your own schedule. Access current device designs and data in real-time.

Harness the full potential of collaboration. Connect project contributors directly to your design to gain more insight, solicit input early and often and iterate effortlessly.

A medical device designer's talents are unleashed on the **3DEXPERIENCE®** platform. You're free to:

- Innovate boldly
- Collaborate seamlessly
- Deliver efficiently
- Design in your comfort zone



INNOVATE BOLDLY

Leverage cutting-edge tools without leaving your familiar design environment.

Embed requirements, design intent and even your thought process directly into the design itself. Integrate your rationale — why a component is designed the way it is — to capture your point of view.

Harness the best ideas from all corners of the stakeholder network. Incorporate feedback and new insights at any point in the design process.



COLLABORATE SEAMLESSLY

Exchange information on the cloud. Stakeholders can review and markup designs on any device without the need for a CAD license.

Conduct productive, real-time, collaborative design reviews. Participants engage through a browser using dynamic 2D and 3D markup tools, rich text callouts and images.

Engineer assemblies concurrently in a live environment — not through checked-out files. A shared product definition means everything is always up to date on the cloud.

Manage changes easily. Browser-based tools allow you to search, filter, tag and explore elements. Compare and contrast device structures and geometries. Quickly locate variances in large structures.

DELIVER EFFICIENTLY

Empower stakeholders to independently explore data. A self-service model allows team members across the value network to autonomously review design elements. Remove the need for you to spend precious time guiding others through the data.

Reclaim time for your creative process. Spend more energy advancing the design and less on non-value-added, repetitive tasks such as translating your work into various formats.

Easily search and find relevant data for reuse. Don't reinvent the wheel — leverage existing components to optimize overall design time and reduce the cost of the medical device.

Reduce design cycle times. On the cloud, there's no need to wait for checkpoints. See stakeholder feedback immediately. Validate geometry and check for interference on the fly. Iterate continuously.





DESIGN IN YOUR COMFORT ZONE

Keep your CAD. No matter what environment you use — SOLIDWORKS desktop, CATIA V5 or any 3rd party CAD application — continue using it. You'll enjoy the platform's powerful collaborative capabilities from within your design environment.

Easily share your design data with the rest of the value network. Collaborators are free to use the design data natively,

provide feedback directly on the model, produce BOMs and release to manufacturing.

Support a multi-CAD environment. Work seamlessly with partners, suppliers, consultants and others who may use a different CAD system. Integrate, validate, simulate and explore a shared product definition.

CONCLUSION

It's the only solution that connects the entire value network in a way that accelerates the design process and improves the medical device.

Innovate, collaborate and efficiently deliver product designs from the comfort of your preferred CAD system by choosing these three roles on the **3DEXPERIENCE** platform:



Collaborative Industry Innovator



Collaborative Designer



3D Product Architect





READY TO EXPERIENCE IT FOR YOURSELF?

Request a tour of a live demo environment. You'll learn how to mock up a multi-CAD medical device through a browser, how multi-stakeholder collaboration works and more.

Contact one of our product experts today.

Our 3DEXPERIENCE® platform powers our brand applications, serving 11 industries, and provides a rich portfolio of industry solution experiences.

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