

3DxBlog

A 3D Mouse Is a CAD Engineer's Best Friend

Posted by [3DxBlog Team](#) on Apr 6, 2016 10:00:00 AM

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A dog might be man's best friend at home, but what is an engineer's best friend at work? We're willing to bet it's a 3D mouse. That's not so crazy when you think about it. Let's look at the traits of a best friend – maybe you're lucky enough to have both!

They Keep You Company

According to a survey conducted by [Technology Assessment Group \(TAG\)](#), 74% of respondents work with CAD related programs for at least three hours a day. 41% work with them for at least seven hours! That's a lot of time you're spending with your 3D mouse.

They Comfort You During Pain

We all go through pain in our life and our best friend is there to remove that pain. You work long hours on CAD design. That can cause intense pain that can lead to repetitive strain injuries (RSIs). According to a survey by [VSI Risk Management and Ergonomics](#), 3D mice users report the following benefits:

- 97% say using a 3D mouse in tandem with an ordinary mouse reduces pain.
- 61% say a 3D mouse increases comfort and reduces pain within the first month.
- A 3D mouse reduces motions in both hands by 66% for less muscle fatigue.

They Push You to Do Your Best

Your best friend wants the best for you. They help you perform at your best at all times. According to the same TAG study, 3D mouse users are 21% more productive on average. And, 85% of CAD designers say their designs improved when using a 3D mouse. We should all have a best friend that can help achieve these results.

They Have Your Back

Your best friend is someone you can count on to be there anytime you need them. They help you through life's frustrations and issues. How many of those are work related? When there are problems with your design, what do you do? You take your 3D mouse in your hand, work through it together, and everything turns out all right.

They Inspire You to Do Great Things

Friends inspire you. They encourage new ideas. How many times have you sat around with your friend and just let your thoughts run wild? Sometimes that creativity turns into worthwhile (and profitable) ventures.

When using a 3D mouse, you use both hands and that engages both sides of your brain at the same time. Brain activity studies show that [creative endeavors engage the whole brain](#). This means that you're more creative when you're using your 3D mouse.

They Make Sure You Have Fun

The most important trait that we don't want to overlook is that we have the most fun with our best friend. A 3D mouse makes your 3D designing fun. Scott Moyses, Director of Operations at Design & Motion, and MFG Technical Specialist at CADPRO Systems, [described using his 3D mouse](#) this way, "Using a 3Dconnexion 3D mouse makes working in CAD more enjoyable. You can't put a price on that—the effects permeate through every aspect of your work."

Friends Share

Friends share the great things in their lives. We're giving you a chance to win your new best friend with our *Engineer's Best Friend* prize package. It includes a 3Dconnexion SpaceMouse Pro Wireless, CadMouse and CadMouse Pad! [Click below to enter](#) and for full details. Certain restrictions apply.

Oh, and be a good friend by sharing this contest with all your friends. Simply click on any (or all!) of the social media sharing buttons at the top of this post.

Image Source: 3Dconnexion

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