

## Get to market faster, with lower costs

With access to the complete optical design in OpticStudio, optomechanical engineers know the impact of their mechanical housings and can optimize their designs before building a physical prototype—often saving both expenses and months of trial and error.



### Ensure optical performance with LensMechanix



#### Maintain design fidelity

Ensure optical design accuracy and the highest quality optical performance by importing the entire optical design and data directly from OpticStudio.



#### Shorten time to market

Save time and take the guesswork out of your designs by reducing unnecessary iterations and back and forth confusion between optical and mechanical engineers.



#### Reduce production costs

See the optical impact of mechanical components to find errors and optimize your design for manufacturability before building a physical prototype.



#### Streamline production workflows

Simplify your production workflows by viewing optical data natively within Creo or SOLIDWORKS and generating ISO 10110 drawings from imported optical designs.

**“LensMechanix makes my life easier. I used to have to create the parts from scratch. Now that I have actual lens data, my optical engineer doesn’t have to generate tables and I don’t have to generate part files.”**

**Harold Brunt**, Vice President and Mechanical Engineer at Lumerical



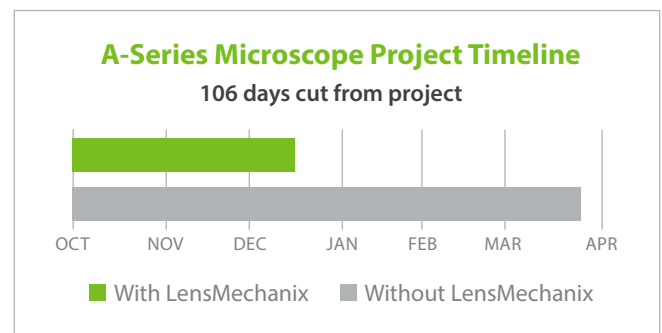
## Cut development time in half with LensMechanix

Global Surgical, a leading provider of dental microscopy, produced a successful physical prototype of a redesigned eyepiece months ahead of schedule.

The original project was expected to take six months. With LensMechanix, the first prototypes were completed three months ahead of the initial target date, drastically improving the overall project timeline.

**“Before LensMechanix, it was difficult to get all the design data we needed. LensMechanix gave me clarity on how my designs impacted the optical performance. I could quickly expose the dimensions I needed, such as the optical axis or clear aperture, and know exactly where the mechanical components needed to be.”**

**Tim Stiefferman**, Mechanical Engineer at Global Surgical



### Interested in LensMechanix for your team?

#### Request a demo

Contact us at [sales@zemax.com](mailto:sales@zemax.com) for a product tour.

#### Free trial

Visit [www.zemax.com/lensmechanix-trial](http://www.zemax.com/lensmechanix-trial) for your free two-week trial today!

#### System requirements

Windows 7 (64 bit) or later

#### CAD version requirements

Creo Parametric 4.0

SOLIDWORKS 2017 or later