

# Ensure your team's success with Zemax Strategic Implementation

Zemax Strategic Implementation provides expert guidance to efficiently adopt Zemax Virtual Prototyping across your organization. We create a customized training and implementation plan that enables your team to maximize productivity with Zemax software.

## What is Zemax Strategic Implementation?

Led by our engineers, Zemax Strategic Implementation helps optical and mechanical engineering teams quickly get up to speed with OpticStudio® and LensMechanix®.

As part of Strategic Implementation, we will:

- Guide engineers in installing, activating, and running OpticStudio or LensMechanix
- Walk through the user interface, key functionality, and workflow of our products
- Get hands-on learning, including best practices to improve collaboration and efficiency
- Point engineers and engineering managers to additional learning resources

## How much time does Strategic Implementation require?

The meetings and self-paced tutorials will take an estimated eight hours per person, across three to four weeks.

## Why should I invest in Strategic Implementation?

With Zemax Strategic Implementation, your engineering teams can:

- Quickly adopt a modern optical design workflow, reducing stress and boosting productivity
- Get early success with using OpticStudio and LensMechanix through instructor-led training
- Communicate more effectively, with fewer meetings and emails
- Get answers to their questions in real time



## How does Strategic Implementation help me succeed?

As the first step, our engineers meet with your teams to understand their workflow and unique needs. This defines the content in each of the following phases we walk your team through:



### PHASE 1: SET UP

We provide OpticStudio and LensMechanix users with all the information they need to download, install, and activate their software licenses.



### PHASE 3: DESIGN

We provide optical and mechanical engineers with OpticStudio or LensMechanix self-paced tutorials.



### PHASE 2: GET STARTED

Our engineers host two separate meetings for OpticStudio and LensMechanix. During these meetings, Zemax engineers walk them through the user interface, demonstrate where to find example files, and show them how to open, load, and save files.



### PHASE 4: COLLABORATE

This is the most critical phase of Strategic Implementation where Zemax Virtual Prototyping is put into practice. Our engineers train your team to collaborate effectively and create high-confidence virtual prototypes. We provide a practical step-by-step example of how to hand off files between OpticStudio and LensMechanix and introduce additional tools to create a more collaborative workflow.

## What is Zemax Virtual Prototyping?

Zemax Virtual Prototyping improves the speed and accuracy of optomechanical product designs by enabling engineering teams to simulate how light travels through the complete optomechanical system before ever building a physical prototype, which are an expensive, inefficient way to identify problems.

By discovering issues in optical and mechanical designs early in the design process, engineering teams reduce design iterations and physical prototypes. This improves optical performance, saves time, and reduces costs.

By using OpticStudio and LensMechanix throughout the product development process, optical and mechanical engineers can:

- Share designs between OpticStudio and CAD packages as native files, giving mechanical engineers full access to the optical coordinate system and all critical dimensions—there is no need for file format conversions which can cause loss of design data
- Simulate the impact of mechanical components on optical performance to uncover any issues and make informed design decisions
- Check for, and resolve errors, before building costly physical prototypes

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