ADAPTIVE OPTICS MADE EASY

The AO Engine is a high-performance adaptive-optics (AO) control system designed to integrate into your optical systems. This turn-key solution provides all of the functionality needed to bring AO to your optical system. Our robust modal-based controller has been demonstrated in many diverse applications ranging from retinal imaging to laser-beam correction. The intuitive workbench graphical user interface is easy to learn and provides powerful real-time feedback to monitor AO system operation.

SCIENCE GRADE COMPONENTS

The AO Engine comes equipped with high-performance components. It is suitable even in low-light level applications such as AO retinal imaging at up to 60 Hz sample rates. The robust controller smoothly handles variations in pupil sizes and wavefront-sensor spot drop outs.

PROVEN PERFORMANCE

The AO Engine has been an invaluable tool for leading vision-science researchers and as a hands-on laboratory demonstration system for optics educators for years. Let Iris AO provide an AO solution for your imaging, microscopy, academic, or industrial needs.