

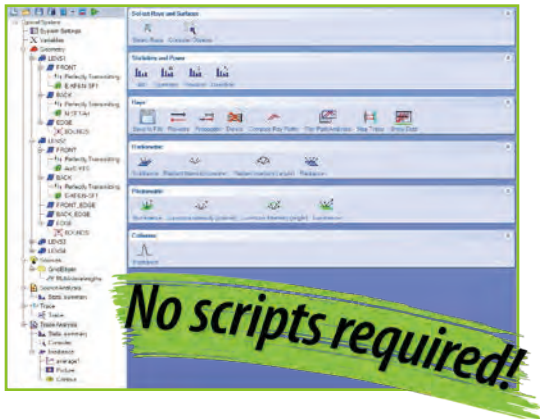


# Advanced Systems Analysis Program (ASAP) NextGen The Industry Standard in Optical Software

## New Features

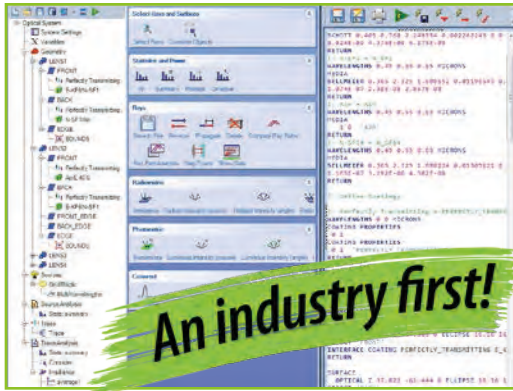
### ASAP Optics Manager

The ASAP Optics Manager is an easy-to-use interface that completely redefines the paradigm for working in the ASAP environment. A familiar CAD-like tree structure allows users to define new system parameters, create a variety of optical surfaces and components, add a light source, and setup ray tracing and analysis options using simple menus and the included ASAP Catalogs for Media, Coatings, Scatter Models, Sources and Lenses. The as-defined system can be run with a single mouse click and all optical components, ray traces, and analyses can be saved for later post processing. And the new ASAP Optics Manager will function without a single line of script needed!



### Automatic Script Creation

Speaking of script... with the launch of the new Optics Manager in ASAP NextGen, BRO will offer another industry first for optical design software. Once systems are constructed with initial parameters, geometry, sources, and analyses, ASAP NextGen will automatically create a working script from the system definition. Users needing access to ASAP's powerful scripting language can immediately modify and run these scripts to add single and multivariable analysis and optimization to their design tasks. In combination with the Optics Manager, the new automatic script creation engine will make ASAP NextGen the most complete and easiest to use optical design software on the market.



### New C# and Iron Python Scripting

Scripting in ASAP is now even more powerful with the addition of C# and improved Iron Python and Visual Basic alternate languages. These codes provide access to a full suite of open source forms, mathematical functions, data processing, optimizers and visualization tools that greatly enhance ASAP in solving a wide variety of optical design simulation and analysis problems. Switching between languages is done with a simple mouse click, and ASAP's built in parsing tools provide real-time error checking and debugging.

