

NORTHROP GRUMMAN

Directed Energy

Adaptive Optics

Laser Communications

Advanced Imaging

Optical Metrology

Deformable Mirrors

Fiber Optics

Custom Applications



AOA Xinetics

Advanced Electro-Optic Systems for Government,
Scientific and Commercial Customers

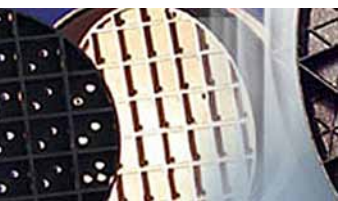
Technical Excellence

AOA Xinetics designs, develops and manufactures a wide variety of standard and custom electro-optic and opto-mechanical systems for government, industrial and commercial customers. Since its inception, the company has steadily expanded its engineering and manufacturing capabilities to provide its customers with the highest quality products and services.

AOA Xinetics is a leader in the development and deployment of wavefront control systems for real-time wavefront sensing and correction. It develops and manufactures world-class precision motion control devices. These products include active optics such as deformable and hybrid mirrors that are scalable to very large sizes for airborne platforms and ground telescopes.

With more than 50 years of combined experience as a systems integrator, AOA Xinetics has the expertise and manufacturing capability to meet the most demanding design and production requirements.

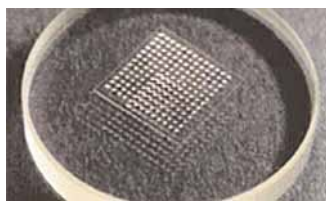
AOA Xinetics is comprised of four business areas, each of which has unique offerings in their electro-optics capabilities. The complementary nature of their competencies provides their customers with a team approach to problem solving that is unparalleled in the design, development, and manufacturing of challenging electro-optical systems. These business areas include:



Silicon Carbide

Advanced Systems

Design, development, and manufacturing of precision silicon carbide optics and structures



Lenslet array on glass surface

Intelligent Optics

Wavefront sensing and correction for a wide variety of beam control applications plus deformable and hybrid mirror design and fabrication



Special Programs

Design, manufacturing, and support for government customers



Small, medium or large volume manufacturing services

Systems and Service

Contract optical design, software development, and manufacturing for commercial and government customers



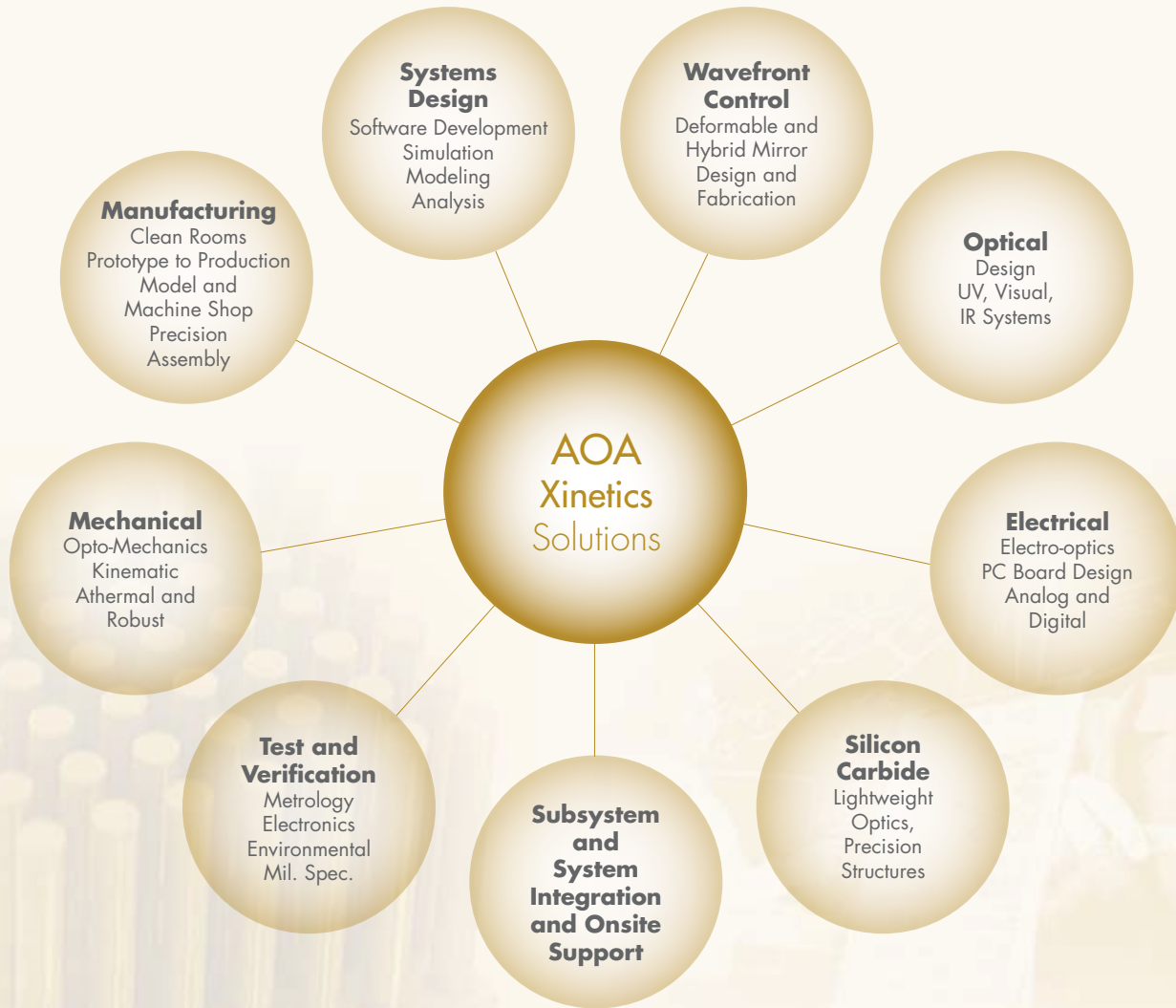
Modular Deformable Mirror

AOA Xinetics Products

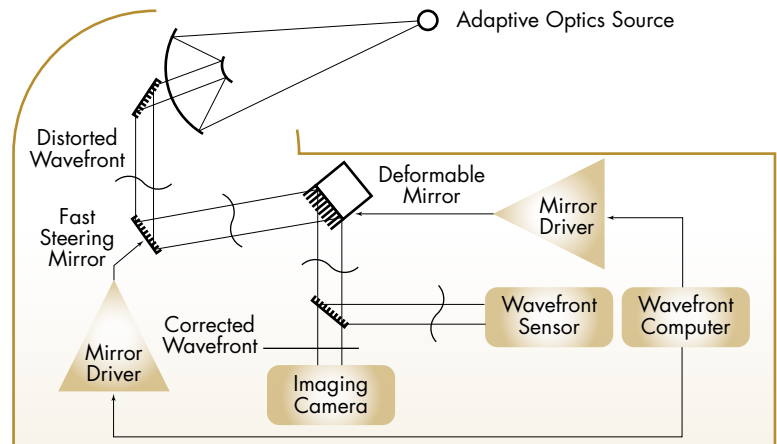
- Wavefront Sensors
- Laser Communications Terminals
- Micro Optics
- Deformable Mirrors
- Precision Silicon Carbide Optics and Structures
- Nanolaminates
- OEM Actuators
- Parcel Scanning and Dimensioning Systems

Northrop Grumman's AOA Xinetics team...

Providing Advanced Design, Manufacturing and Service Solutions for Electro-optical Challenges Worldwide



Northrop Grumman's AOA Xinetics is a leader in the design, simulation and production of high-performance, computer-aided, electro-optic systems and subsystems.



AOA Xinetics specializes in the development and deployment of wavefront sensors and control systems for real-time wavefront sensing and control.

Apply Northrop Grumman's expertise to your electro-optic challenge...

Relationships

Northrop Grumman's AOA Xinetics team thrives on solving customer's challenging optical problems. We form close partnerships with our customers to fully understand and fulfill their evolving requirements. Our experience and capabilities enable us to deliver mission-critical systems. Our reputation is built on our customers' success.

Innovation

Quality

Experience

Customer Alliances



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