

ELYNXO

SINCE 1987

OPTRONIC SYSTEMS ENGINEERING & INTEGRATION

From preliminary design
to in-service support

- + Engineering & Development
- + Industrialization
- + Manufacturing
- + Integration
- + In-Service Support & Maintenance



OPTICS • MECHANICS • ELECTRONICS • SOFTWARE

KEY FIGURES

Elynxo specializes in optronic systems and complex assemblies, supporting its customers in the development of high-precision, reliable solutions designed for the most demanding environments.

50 employees

Mechanical and optronic production, engineering, supply chain, quality, sales administration and sales.



2800 m²

Dedicated to the design, machining, integration and manufacturing of optronic systems.



150 m²

ISO 7 cleanrooms dedicated to integration, adjustment and inspection operations.



Certified Quality Management System



Services covering the entire product lifecycle

PROVEN EXPERTISE IN DEMANDING INDUSTRIES



NOS SECTEURS D'ACTIVITÉ



DEFENCE



AEROSPACE



MEDICAL



ENERGY

EXPERTISE

Elynxo designs, develops, integrates and maintains high-value-added optronic equipment and complex subassemblies.

Our expertise in optical, mechanical, electronic and software technologies enables us to deliver customized, robust, industrially viable and high-performance solutions.

A SINGLE PARTNER TO DESIGN, PROTOTYPE, INDUSTRIALIZE AND INTEGRATE YOUR OPTRONIC SYSTEMS



1. Co-Design & Specifications

Requirements analysis, definition of specifications and identification of the most suitable technical architectures.



2. Development & Prototyping

Optical, mechanical, electronic and software design, prototype development and validation of technical solutions.



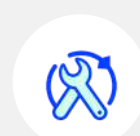
3. Industrialization & Supply Chain

Design optimization, supply chain security, configuration management and preparation for production.



4. Integration, Validation & Qualification

Assembly, adjustment, calibration, functional testing and equipment qualification.



5. In-Service Support, Repair, Retrofit & Obsolescence Management

Diagnostic, maintenance, reengineering, évolution des équipements et gestion des composants obsolètes.

From concept to integrated product



Elynxo supports its customers from initial concept through to industrial production, delivering high-performance, reliable optronic solutions designed to meet the most demanding requirements.

35+ years

D'expertise en systèmes
optroniques complexes

ISO-7

Controlled cleanroom
integration

100% qualité

Full traceability &
compliance



Tailored solutions for
critical and innovative
applications

OUR OPTRONIC SERVICES



ENGINEERING & DEVELOPMENT

Optics, mechanics, electronics, software
System architecture
Co-design



COMPLEX MECHANICAL & OPTRONIC INTEGRATION

Alignment, bonding, wiring
Adjustment, calibration
High-precision integration



MANUFACTURING & INDUSTRIALIZATION

Prototypes, small-series production
Configuration management
Supply chain, documentation



INSPECTION, TESTING & QUALIFICATION

Test benches
Metrology
Functional validation
Environmental testing



IN-SERVICE SUPPORT, REPAIR & RETROFIT

Diagnostics
Re-engineering
Obsolescence management
Maintenance



ISO 7 CLEANROOM INTEGRATION

Laminar flow hoods
Ultrasonic cleaning tanks
Controlled environment

OUR APPROACH : CO-DESIGN & INDUSTRIALIZATION



Support from initial
concept through to
serial production



Analysis of the most
suitable technical
solutions



Cost / lead time /
robustness
optimization



Quality / reliability /
compliance
optimization





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Let's talk about your Optronic Project

Our teams are ready to support you in designing, developing and industrializing tailored optronic solutions that meet your performance requirements.

