

EUSOFT.LAB

THE FIRST BORN-IN-CLOUD SaaS LIMS ENHANCED WITH ARTIFICIAL INTELLIGENCE



Eusoft.Lab is a next-generation LIMS, natively developed **in the Cloud on a Microsoft platform** and delivered as Software as a Service (SaaS). Designed to ensure flexibility, security, and performance, Eusoft.Lab revolutionizes laboratory management with an **innovative platform** that combines cutting-edge technology, operational efficiency, and full regulatory compliance.

AI INTEGRATED

Eusoft.Lab is the first LIMS to integrate **Artificial Intelligence** capabilities. Through **IAGO**, a virtual assistant based on Generative and Agentic AI, users can interact with the system using natural language, quickly obtain information, and operate more efficiently and intuitively.



CLOSE TO THE BUSINESS

With Eusoft.Lab, laboratories can easily and effectively manage all activities, from sample reception to issuing test reports, through a **comprehensive, flexible platform that can integrate** with all laboratory systems.



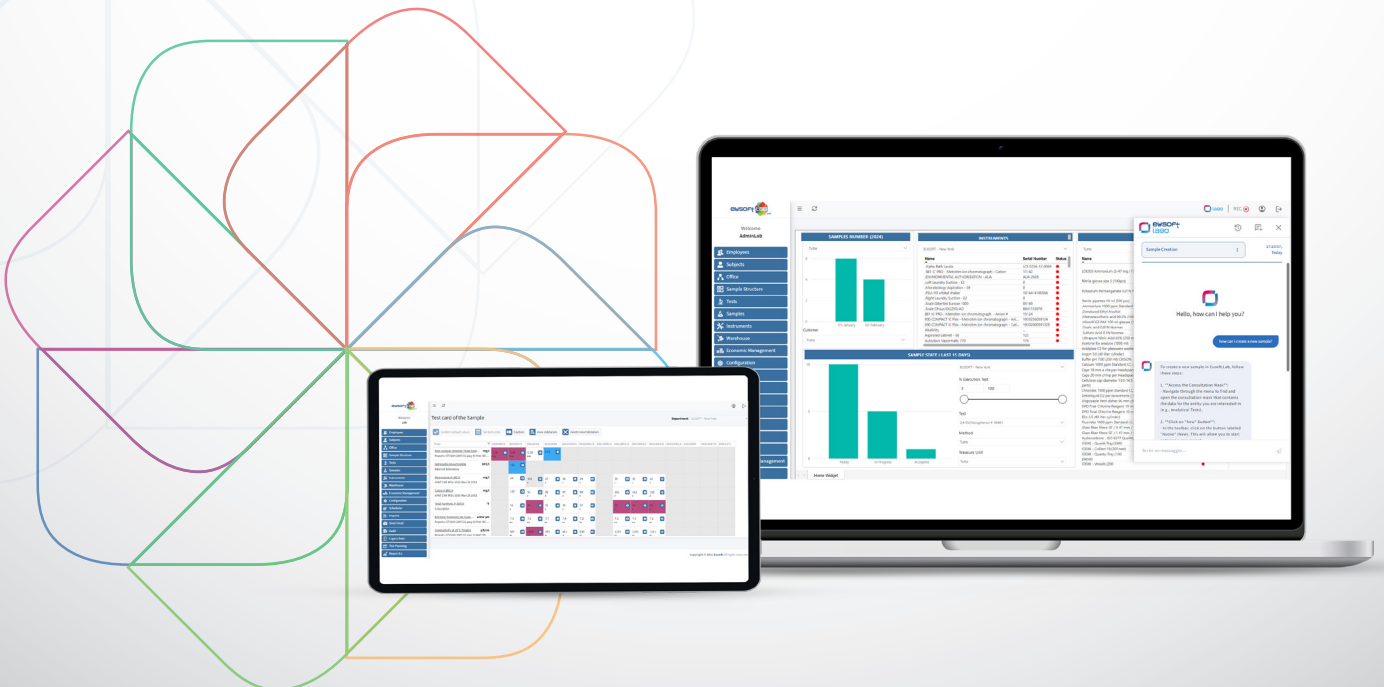
COMPLIANT

The solution ensures full compliance with major industry standards, including ISO/IEC 17025, FDA CFR 21 PART 11, GxP, and GDPR. Eusoft.Lab's born-in-cloud SaaS model simplifies compliance management, making the process **faster, easier, and more secure.**



ADVANCED

Eusoft.Lab is a **scalable, secure, and continuously updated platform** that leverages Cloud Computing and Artificial Intelligence to transform the laboratory into a modern, efficient, and connected environment, supported by the reliability of the Microsoft Cloud platform.



EUSOFT IAGO

THE INTELLIGENCE THAT ORCHESTRATES YOUR LABORATORY

Eusoft IAGO uses **Generative and Agentic Artificial Intelligence** to enable intuitive interaction with the software through simple natural language conversations. The system interprets requests and generates accurate responses based on verified data and documents, always citing sources to ensure transparency and reliability.

INTELLIGENT AGENTS

By orchestrating Intelligent Agents, IAGO transforms the way laboratories work. It queries structured data and documents, automates entire operational workflows, and delivers immediate, customized responses in various formats: text, tables, .xls files, charts, and more. Available in the Eusoft.Lab LIMS, IAGO connects with key laboratory systems, leveraging all information sources:

- External data (e.g., Excel files)
- LIMS database
- Technical and regulatory documents (LIMS Manual, ISO/IEC 17025, calibration and maintenance procedures)

IAGO AGENTS	
DB Agent	Retrieves data directly from the LIMS database and returns results in text and tabular format.
Excel Agent	Queries the requested data and automatically generates a .xlsx file, allowing users to read and export it.
Chart Agent	Creates dynamic charts based on data uploaded to the system or stored in the database, making it easy to visualize and interpret information at a glance.
Document Agent	Creates a document, starting from data retrieved within the system, in the following formats: .csv, .pdf, .txt, .docx, .xlsx.
OCR Agent (Optical Character Recognition)	Recognizes text contained in images and scanned documents and converts it into editable and searchable digital text.

THE TECHNOLOGY

Eusoft IAGO represents a new frontier for digital laboratories: an innovative solution that integrates **Microsoft Copilot** technology and the power of **ChatGPT's Artificial Intelligence** to deliver immediate, accurate, and contextualized answers based on verified data through natural conversation with the user. All within a highly secure environment where data remains protected and isolated, does not originate from the web, and is not used to train the system.

Contact us to make your laboratory smarter.

marketing@eusoft.com

Eusoft | Born to support laboratories

For over 25 years, Eusoft has been helping testing and quality control laboratories grow and evolve by leveraging the most innovative digital technologies. Eusoft was among the first software providers to offer a born-in-cloud SaaS LIMS. Today, it continues to invest in research and development to deliver increasingly advanced solutions. Eusoft.Lab is the born-in-cloud SaaS LIMS enhanced with AI, developed by Eusoft to optimize laboratory efficiency, compliance, and security in accordance with the most important quality and accreditation standards.