

IN VITRO DIAGNOSTIC

# CONNECT ANALYZERS || CONTROL PROCESS

ENABLE THE CENTRAL MANAGEMENT OF ALL  
PRE-ANALYTICAL, ANALYTICAL AND POST-  
ANALYTICAL LABORATORY INSTRUMENTS

DEDALUS MIDDLEWARE: HALIA

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## CONTEXT

## DIAGNOSTIC TRENDS

Effective diagnostic systems are an essential component of healthcare, with an estimated **70% of the world's medical decisions being dependent on laboratory test results.**

With the ever-increasing **demand for In-Vitro Diagnostics** due to aging populations, the workload of the laboratories dramatically increases. For this reason, laboratories are often required to achieve rapid results with the same resources.



# 70%

Of clinical decisions are based  
on IVD tests

## NEEDS

# LABORATORY PERFORMANCE OPTIMISATIONS

To efficiently support the growing number of requests, it is necessary to improve the laboratory performance without impact on the accuracy of the results.

To achieve this goal, the total and central management of the whole laboratory workflow represents a key point.

**Cutting-edge middleware solutions** can support the laboratory in centrally managing pre-analytical, analytical, and post-analytical instrumentation dataflow, allowing the laboratory instrumentation total control.

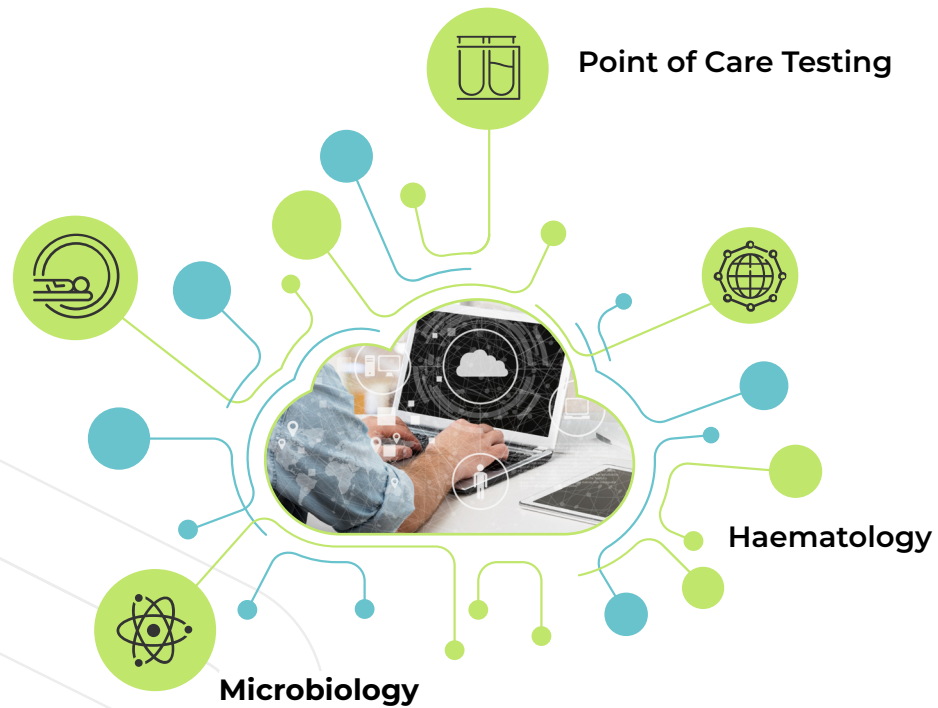


## SOLUTION

# TOTAL CONTROL OF LABORATORY INSTRUMENTATION

HALIA is a **web-based middleware** supporting **single** laboratories as well as **multisite/multicampus organizations** to centrally manage all pre-analytical, analytical and post-analytical instrumentation dataflow. Multi-LIS connectivity and vendor-neutral analyzer integration make HALIA the ideal laboratory consolidation companion, improving the information flow and ensuring better accessibility and control of data.

**HALIA has specific modules dedicated to specialties:**



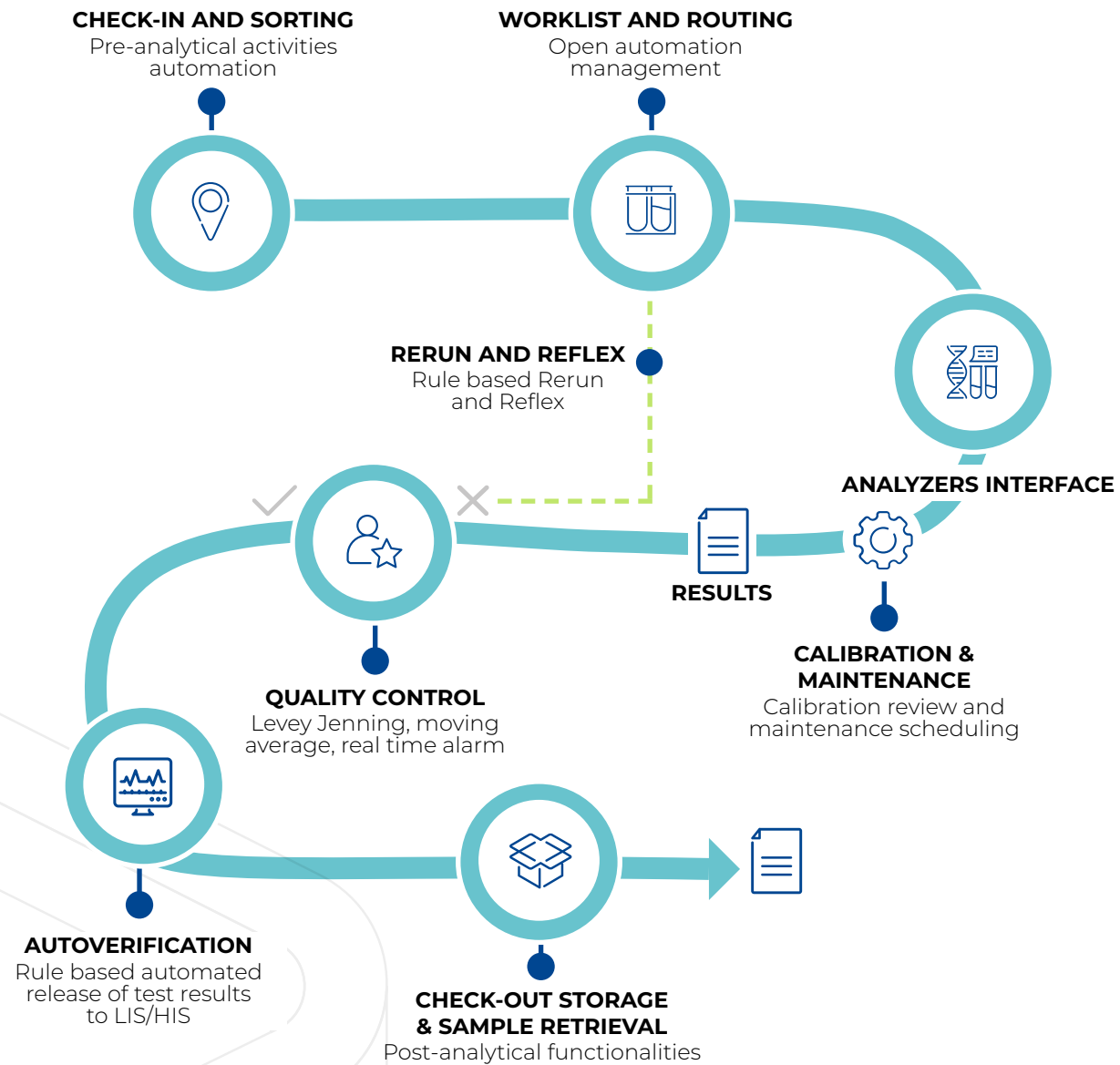
HALIA is IVD product **CE certified**.





**CAPABILITIES**

# FULL CONTROL OF THE LABORATORY PROCESS



**VALUE****OPTIMIZATIONS, SAFETY,  
AND CONSOLIDATION**

- **Optimize laboratory performance** through the full control of the processes.
- **Better use of professional time** through workflow automation and rule-based auto verifications (automatic release of test result to LIS)
- **Improve patient safety** through a complete traceability of samples and real time quality control
- **Consolidate the laboratory network** by managing with one application all the analyzers belonging to multiple-site laboratory
- **Guaranteed performance and piece of mind, thanks to end-to-end client support**
- **TCO<sup>1</sup> reduction**, thanks to the possibility to use opensource database



## STRENGTHS

# A UNIQUE MIDDLEWARE FOR DIFFERENT DISCIPLINES

- **Specific HALIA modules** dedicated to laboratory disciplines: Microbiology, Haematology, Point of Care Testing (POCT).
- **Scalability by design:** When you need to scale up, it's easy, whether you're expanding within your hospital or adding new users or new analyzers.
- **Future** proof functional and technological evolution from a leading company.







# Dedalus

Life flows through our software

## ABOUT DEDALUS

Dedalus is the leading healthcare and diagnostic software provider in Europe and one of the largest in the world. With its innovative framework of comprehensive and process-oriented solutions, Dedalus enables a revolutionary digital transformation of country-wide Healthcare Systems fully supporting the patient digital journey. Dedalus serves more than 6,100 private and public hospitals across 40 countries, through more than 6,500 highly specialised resources, of which 2,000 are dedicated to R&D activities. We aim to help caregivers and healthcare professionals deliver better care to the communities they serve and for this reason we are very proud of doing a special job, working with healthcare organisations to improve healthcare outcomes for patients.

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For more information, visit [www.dedalus.com](http://www.dedalus.com)

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