

# CONVERT DATA INTO INFORMATION

RESULT MANAGEMENT

ANY DEVICE

TRACEABILITY

FLEXIBILITY

REAL TIME DASHBOARD

ANY PLACE

DATA INTEGRATION

ANY REAGENT

# HERA

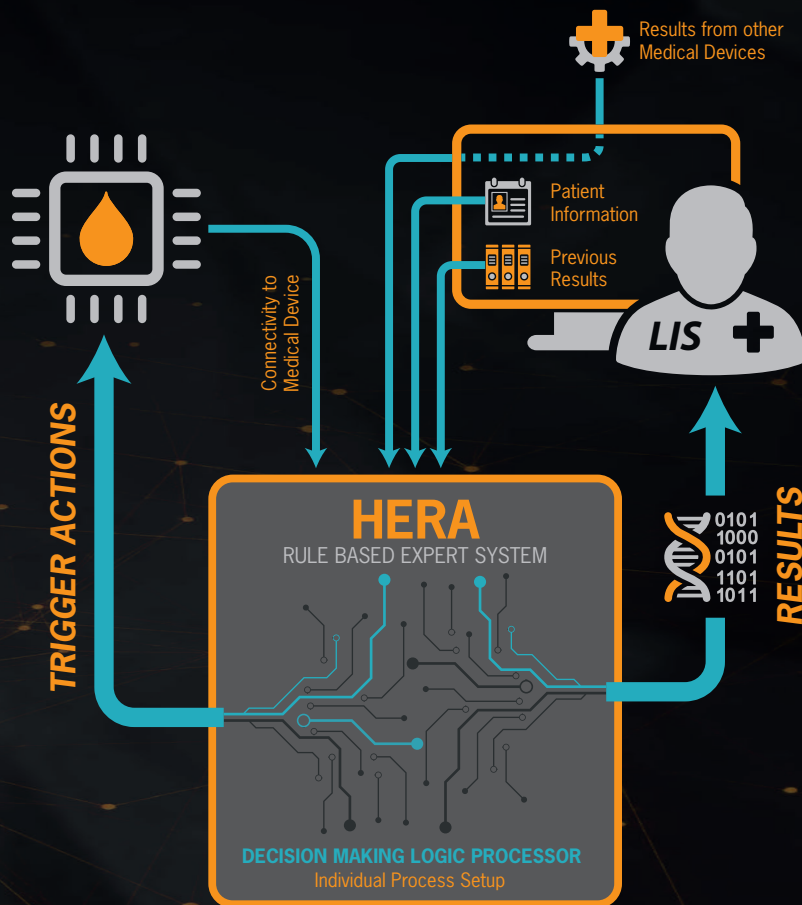
THE AESKU **LABORATORY MANAGEMENT** SOFTWARE



# RESULT MANAGEMENT

HERA enables the central management of analytical instruments that support global process control and ensure a complete response to the connectivity requirements of analytical laboratories.

HERA's main task is to manage and validate incoming information obtained from IVD analyzers connected to the system through connections to various analytical instruments, supporting the user with real-time notifications, alarms, and comprehensive patient history. Thanks to the powerful integrated rule-based expert system, HERA can automate the clinical laboratory process by applying user-definable rules to the pre-analytical, analytical, and post-analytical laboratory workflow.



## Adaptable real-time expert control system

- Automate lab workflow
- Standardize lab process
- Harmonize workflow across different labs
- Reduce human error
- Improving the quality of work
- Paperless

## Image management

## Color coded indicators

- rerun
- reflex
- flag

## Technical review of results

## Patient history

# TECHNICAL HIGHLIGHTS

HERA is a web based application with touchscreen optimized GUI.

The application is operating system independent (Linux/Windows) and runs on real and virtual environments.

HERA uses standard or custom communication protocols to connect to any LIS/driver software.



# HERA – THE AESKU LABORATORY AUTOMATION MANAGEMENT SOFTWARE

HERA is a smart gateway between analyzers and the LIS. HERA is a highly flexible software solution, offering full connectivity and result management through its powerful expert control system.

HERA is a scalable solution for controlling various degrees of complexity in clinical laboratories, from small laboratories to multi-site and multi-LIS organizations.

## OPEN AND FLEXIBLE SOLUTION

### Multi-Site, multi-Lab, multi-LIS

HERA is particularly flexible in terms of instruments and LIS connectivity, offering the ability to manage multiple instruments, LIS connections, users, and even multiple laboratory sites. HERA offers added value by aggregating the exchange of information between connected instruments and LIS.

### User-rights management

Within the limits of their access and viewing authorization, HERA users can obtain a centralized view of all the laboratory, regardless of the workstation from which they gain access.

### Powerful communication engine:

Connect to LIS (ASTM,HL7) and connect to any analyzer



LIMS & LAB 1



LIMS & LAB 2



LIMS & LAB 3



LIMS & LAB 4

## REAL-TIME ERGONOMIC DASHBOARD FEATURING

- Simple and intuitive touchscreen interface
- One-click access to essential information
- Instrument Overview
- Sample Status Overview
- Test status Overview
- Alarm panel
- Sample logging





# HERA VALUE

## EASY TO LEARN, EASY TO USE

- Flexible architecture is adaptable to different laboratory scenarios and further developed by user experience. Improved rules for customization of any laboratory workflow
- State-of-the-art technology for more security in data management, simplifying the laboratory accreditation process
- Streamlined user interface
- Compliance with GDPR requirements
- CE marking

## AESKU DEDICATED TEAM **DEVELOPS** THE SOFTWARE **SOLELY IN-HOUSE**

### MODULAR

New 'self-contained' features can be independently deployed as modules on the HERA platform

### PORTABLE

Ready for standalone implementation (app) running on small and portable instruments as POC

Product ordering references		Description	Languages
HERA	REF. HER-1000	HERA - Laboratory Management Software (CE Marked)	English, German, Italian