NexLabs

Laboratory Information Management System
for Clinical Pathology

TECHNIDATA
MEDICAL SOFTWARE

BENEFIT FROM A SCALABLE SOLUTION CAPABLE MULTI-LABORATORY CONFIGURATIONS

ᵀᴰNexLabs

YOUR PATIENTS... OUR SOLUTIONS FROM REQUEST TO DIAGNOSIS

- A laboratory information management system that adapts to all organisations, including regional consolidations

- A high-availability solution with fast response times to handle your workflows

- A solution that allows you to make decisions in real time and which guarantees a high level of traceability

^{TD}NEXLABS HELPS YOU DELIVER A DIAGNOSIS QUICKLY AND ACCURATELY

Sample Management

- Ability to manage samples received via order comms
- Simplified tube labelling directly in the ward
- Module for internal routing and inter-site packaging
- Manage analytical techniques and correlation of methods
- Integrated serum and strain banks

Expert Rules and Clinical Review

- Partial or full review per file or per parameter
- Direct access to previous history and production data (IQCs, reagent batches, reruns, automatic tests)
- Field-specific expert rules at all levels

Results transmission

- Result transmission can be adapted to urgency and workshift
- Systematic update of shared medical records via electronic messaging system
- Paperless archiving of result reports
- Fully customisable result report formats

Accreditation and Quality

- Provision of essential features for ISO15189 accreditation
- Comprehensive traceability related to all actions (at every level)
- Planning tool for users responsible for clinical review
- Accreditation support services

Data Protection and Security

- Secure authentication
- Cyber security
- Sophisticated and centralised management of user rights
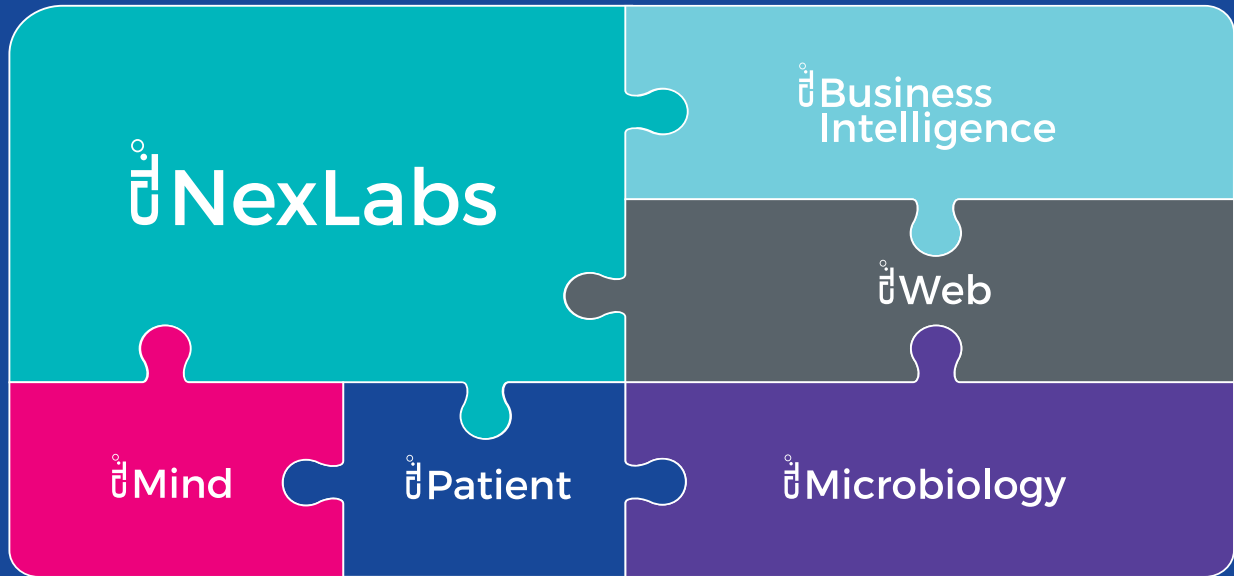
Interoperability and Performance

- A powerful, rapid and high-availability solution
- High-level interoperability: HL7, ASTM, CDA R2
- Integration of LOINC nomenclature

Adaptability and flexibility

- Multi-site, multi-laboratory and multi-disciplinary management
- Single patient record
- Effortless management of organisational changes within your laboratory

Dynamic Information Management

- Enhance work conditions with a customisable and intuitive Control Panel
- Receive e-mail and sms alerts and notifications in real time
- Optimise user experiences thanks to our ergonomic interface

ᵀᴰNEXLABS MODULES

→ **ᵀᴰMind: Middleware integrated with ᵀᴰNexLabs**

Set up with any architecture to connect and monitor all types of analytical production unit, and follow up on internal and external quality control, maintenance tasks, and traceability.

ᵀᴰMind provides comprehensive quality control and accreditation management.

→ **ᵀᴰMicrobiology: An entire module dedicated to microbiology**

Design customisable analytical protocols to cover all bacteriology, mycology and parasitology workflows.

Optimise specialised procedures and provide rapid access to results while ensuring maximum traceability.

Freedom to choose your instruments and Full Laboratory Automation solutions (BD Kiestra-COPAN-WaspLab).

→ **ᵀᴰBusinessIntelligence: Laboratory control and decision-making tool**

A graphical tool to view medical, financial and laboratory activity data.

Compatible with data viewing tools such as Qlik, BO, PowerBI, and Tableau.

→ **ᵀᴰWeb: requesting and results consultations**

Create requests simply and quickly via personalised test panels.

Optimise sample management and offer real-time access to results.

→ **ᵀᴰPatient: Result server for your patients**

Give patients direct access to test results from their homes and smartphones.

Consult, print, and download results swiftly and securely via the Internet.

^{TD}NEXLABS - KEY FIGURES

25+ countries
in our network

30+ years
experience in laboratory management

200 to 10 000 medical files processed per day
365 days a year

600+
LIS connected to Hospital Information Systems (HIS)

650+
LIS installations

15,000+
instruments connected

CH Annecy Genevois University Hospital

"The Microbiology Module is a true paperless system which has significantly boosted efficiency."

Dr. Stéphane BLAND, Pathologist

University Hospital Caen

"The software interface is intuitive and user-friendly, and this simplifies the first steps when learning to use the product."

Dr. Claire DAUREL, Pathologist

24/7 Service

- **Organisational audits**
- **Follow-ups on your installation**
- **Training and support**
- **Quality support unit for accreditation**
- **24/7 support**

GLOBAL PRESENCE

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