

**OMNI****LAB**

**Laboratory  
Information  
System**

**Omnitech Labs**

[www.omnitechlabs.net](http://www.omnitechlabs.net)



# Introduction

**OMNI-Lab** is one of the longest existing Laboratory Information Systems (LIS) on the market.

In the clinical and vet world, our ergonomic and user-friendly solution delivers the **most advanced productivity and efficiency** in its category. Supporting your needs whether you're a small lab, a group of labs or a hospital corporation.

Additionally, Omnitech's long-time partnerships with some of the best complementary solutions in the industry include:

- Analyzer Interface Middleware, including advanced business rules
- Quality Control Management solutions
- Quality Compliance & Risk Management systems.

Omnitech continues to deliver a unique **state-of-the-art** solution that is unequalled in this specialized market!

# OMNI<sup>LAB</sup>LAB

## A quality system



### Multilingual

- Supports **concurrent levels** of multilingualism (*order entry, work screens, patient reports...*)
- Client **customizable** dictionary
- Simultaneous translation in an **unlimited number of languages**

### Best orders management system on the market

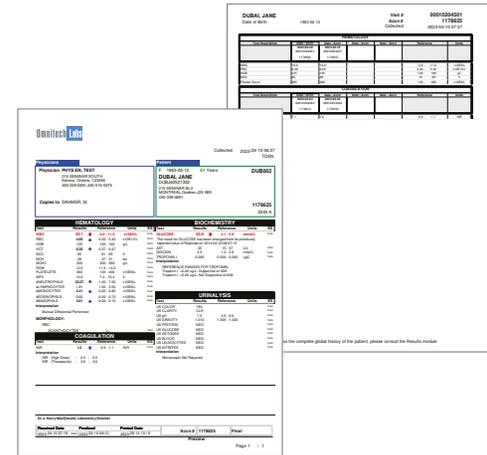
Advanced orders management system, including:

- Unified multi-lab section (*Clinical Pathology, Microbiology, Cytopathology and Anatomical Pathology*)
- Standalone patient demographics capability
- Handling instructions
- Data entry using barcode scanners
- Standing orders
- Specimens to follow



## 1-2 Page customizable unified reports

- Multiple lab sections are unified on a **1-2 page color** report
- Fully **customizable** report layouts that include interpretation tables, bolding, colors, report header/footers, etc.



## Seamless inter-application navigation

- Seamless navigation between all lab sections and / or modules, including:
  - Clinical Pathology
  - Cytopathology
  - Microbiology
  - Anatomical Pathology
- Flexible and fully integrated modules mean you'll **never have to exit an application** to access another.



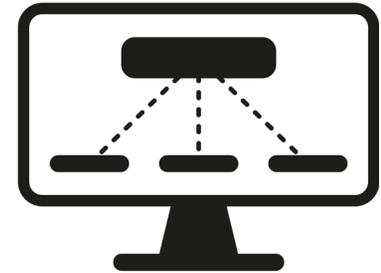
Maximum reliability  
for accession and  
system management

## Time-zone management

A single server can track every order and accession processing event **anywhere in the world** in the time zone the activity was performed by using SQL to store data, featuring native UTC (*Coordinated Universal Time*) management based on the GMT time zone.

## Central system monitoring console

A unique, **real-time surveillance** that monitors operating statuses of all key system functions, including analyzer and system interfaces, as well as printers. Receive alerts for any buildup of transaction volumes (according to your own defined volume thresholds), interruptions or malfunctions. Our web-based design allows flexible accessibility to the user.





## Interlab (Laboratory interoperability)

**Avoid duplication** with our entirely transparent electronic exchange service between laboratories.

Electronic routing, including **interlab test code mapping**:

- Send Out management
- Creation of electronic HL7 Outbound Orders to a 3<sup>rd</sup> party lab
- Eliminate specimen relabeling at the receiving laboratory by using transit labels
- Reception of electronic HL7 Inbound Results for insertion into patient record



Improves efficiency  
and productivity  
up to 500%

## Outbound results (XML)

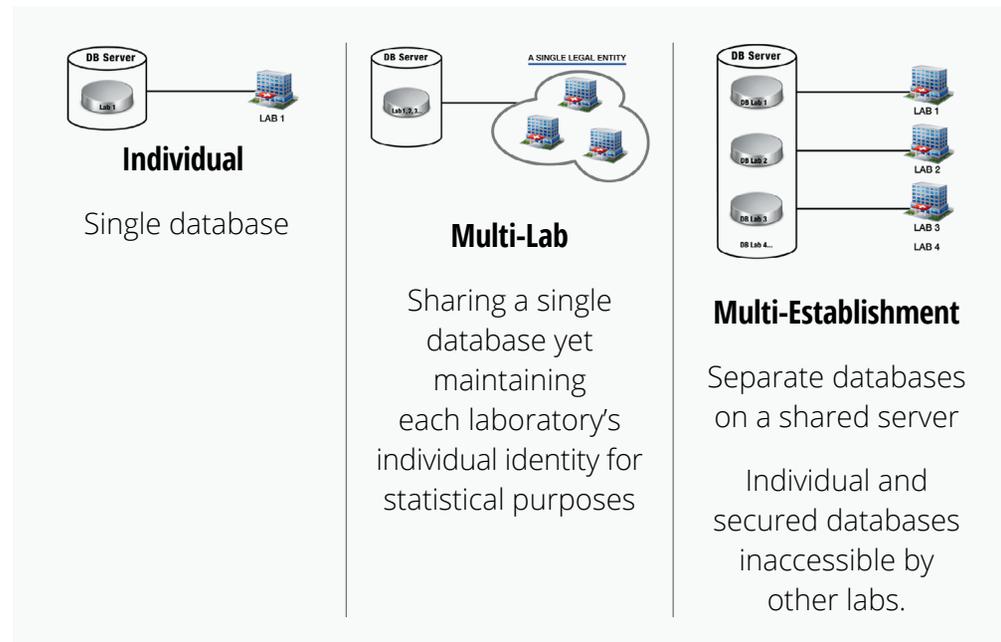
Gain **autonomy** and reduce interface costs by using our Outbound Results XML. It includes complete granular information (including reference ranges), as well as pdf images of patient reports that can be fed to your choice of system interfaces (*EHR, EMR, Pharmacy, Hemodialysis, Cancer Care databases, etc.*).



## Specimen management & tracking

Detailed LIVE monitoring of your specimens and where they are located at any time, including when in storage or while in transit to and from another lab.

## Supports all types of secure configurations



Ideal for labs  
of all sizes

Benefit from our **Database Synchronization** capability that allows you to replicate your corporate level definitions throughout your network of labs.



## Extensive use of barcodes

- Speeds up the process
- Reduces risks of errors
- Improves overall workflow

## Full multimedia capabilities

Insert and manage any kind of object, including diagnostic images, reports, etc., at any step of the process.

## Web Results module

- Patient monitoring graph reflects the number of results categorized by severity
- **User Customizable:**
  - Patient profile lists for quick viewing
  - Sharing of patient results with selected physicians
- Patient record consult history

## Compliance regulations

**OMNI-Lab** is authorized for sale in Canada and the USA. Omnitech Labs' quality management system is ISO 13485:2016 certified under the MDSAP program (a standard specific to medical devices).



# Contact

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