TDWorkstation Evolution®

Livextens

Interface instruments and manage results

Powerful software designed to interface your instruments with any LIS and manage results with efficiency and flexibility

TDWorkstation Evolution converts instrument data into meaningful and valuable information, and alerts in real-time about any issues relevant to workload, quality control and instrument interfaces.

Acting as a real dashboard, TDWorkstation Evolution gives the global overview needed to pilot instrument production.

Real-time dashboard

Result Management

Quality Control Monitoring

Rich & flexible

Health informatics for the Laboratory
Designed for Patient Safety

TECHNIDATA
MEDICAL SOFTWARE

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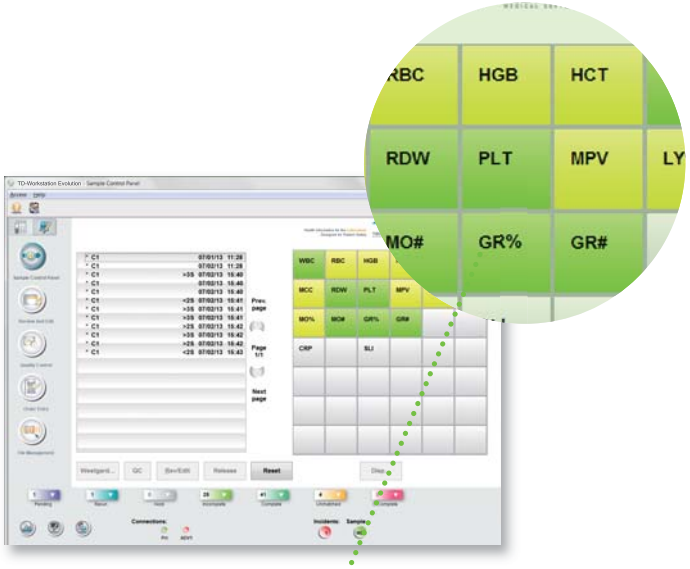
A key companion to your laboratory information system to interface and manage instruments and results

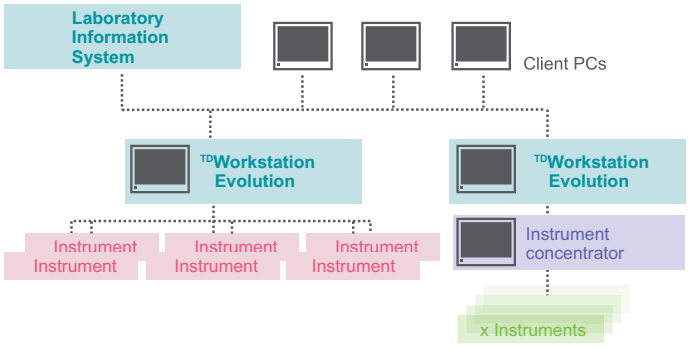
TDWorkstation Evolution is a **real gateway** between your analyzers and your LIS. Equipped with state-of-the-art technologies, it provides a **high level of flexibility** by accomodating any laboratory organization. It is a **key element** of TDNexLabs LIS Solution.

Access essential information in a snap and pilot your lab activities in real-time

- A Sample Control Panel acting as a real Dashboard
  - ➲ Monitor lab activity easily with a real-time overview of instrument interfaces and quality controls
- Dedicated sessions for complete sample management
  - ➲ Cover the whole workflow process from review & edit to quality control, order entry, or sample search
- A simple and intuitive user interface
  - ➲ New users can get up and run quickly with minimal training time



Real-time out-of-range QC results.



Maximize efficiency with smart result management

- Delta check on reruns
  - ➲ Ensure high quality by comparing results of current and previous runs of the same test or sample.
- Customizable real-time expert rules
  - ➲ Automate repetitive tasks and focus on questionable results
  - ➲ Minimize turnaround time
  - ➲ Be compliant with quality certification organizations (CAP, CLSI standards)
  - ➲ Reduce the risk of errors and improve safety by standardizing work methods
- Color-coded indicators
  - ➲ Reference values
  - ➲ Panic values
  - ➲ Rerun values
  - ➲ Analytical flags

Broaden your horizons

Monitor Quality Control (QC) easily

- Numerous QC representations (tabular format, histograms, Levey-Jennings charts, Westgard rules...)
  ➲ Interpret results and monitor QC easily
- Remote access to the QC charts of connected workstations
  ➲ Gain flexibility, and allow independent review and comparison of instrument performance
- Graphical reports, archives in PDF formats, export of QC data
  ➲ Optimize Quality Control result management and help ISO 15189 compliance

Manage your laboratory with flexibility

- Multi-instrument management with remote access for all routine operations
  ➲ Review results easily by sharing access to information produced by instruments, concentrators or multi-module analyzers
  ➲ Reduce turnaround time for urgent requests, using instrument-specific criteria such as priority, doctor or location
- Log Manager (incidents, maintenance operation and changes of reagent on analyzers)
  ➲ Meet Quality Assurance requirements with full traceability
- Point of Care Testing (POCT)
  ➲ Use the TDWorkstation Evolution for POCT needs with reliable results and data consolidated in patient file
- Easy-to-use statistics for the number of sample runs, reruns and dilutions, calibrations and quality control samples
  ➲ Monitor the real cost of consumables and reagents

Full connectivity

Interface with up to +500 different types of analyzers, for all lab disciplines

Advanced ergonomics

For maximized efficiency

+ Contextual navigation saves valuable time
+ Counters and status bar are clearly visible on every screen
+ Color-coded indicators and images (electrophoresis curves) facilitate result interpretation and decision-making
+ Full touch screen mode allows for quicker and convenient result validation and navigation
+ Reduces operating costs

A proven solution

15 000 analyzers interfaced with TECHNIDATA systems worldwide

Optimize your lab organization with a team of experts at your service

+ Consultancy and audit of laboratory organization and workflow
+ Installation follow-up
+ Training and assistance

Livextens®

LEARN MORE

This is a succinct overview of the main product features, **please contact us if you require further details.**

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Interface instruments and manage results

Features

Activity dashboard

- Workload counters
- Activity dashboard
- Quality control monitoring
- Westgard rules check
- Activity metering
- Connections status
- Error status

Result management

- Color-coded flags for abnormal results
- Age and sex-dependent multi-range management (review, rerun, panic)
- Delta check alerts on previous runs or previous results
- Automatic or manual rerun
- Reflex testing
- Result modification or replacement with previous result
- Smart Print Services
- Order entry and labels editor

Traceability

- User rights policies
- Instrument quality control management
- Extended Log manager for service, maintenance and reagents

Production follow-up

- Technical review of results
- Real-time expert rule system
- Instrument interfaces and result acquisition
- Interface with more than 500 analyzer types
- Multi-instrument management
- Point of Care Testing (POCT) management
- Standalone mode for order creation, result entry, validation and result printing
- Barcode label printing

Quality control

- Real-time quality control
- Westgard rule check
- Multiple graphic presentations
- Visual alerts with color flags
- Hold function when QC failed
- Print and export functionalities

Companion solutions

- Document management module
- Non-conformity management module
- Transplant Management module
- TDAnalytics, Advanced statistics management

Technical overview

- TDWorkstation Evolution running on Windows 7
- A standard protocol (TCP/IP for Windows) is used to interface with the network.
- Each TDWorkstation Evolution can support up to six instruments, a printer, and an interface with a host computer.
- Interface menu including over 500 types of analyzers and concentrators, covering all disciplines.
- Use of standard or customized communication protocols to interface to any LIS software.
- Large default database capacity, powered by Microsoft SQL Server Express.

TECHNIDATA MEDICAL SOFTWARE

CERTIFIED ORGANIZATION ISO 9001 CERTIFIED ORGANIZATION ISO 13485

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