

TDTMBactiLink[®]

TDTMHarmony

Middleware for paperless bacteriology

Designed with bacteriologists, TDTMBactiLink is a tailored response to the needs of this fast-changing discipline

By respecting the chronological stages of the analytical process and the particular nature of the information being processed, and by integrating with all configurations thanks to bidirectional interfaces, TDTMBactiLink manages all the stages of the exam up to clinical review.



Paperless
microbiology



Epidemiology



Quality &
accreditation



High
interoperability

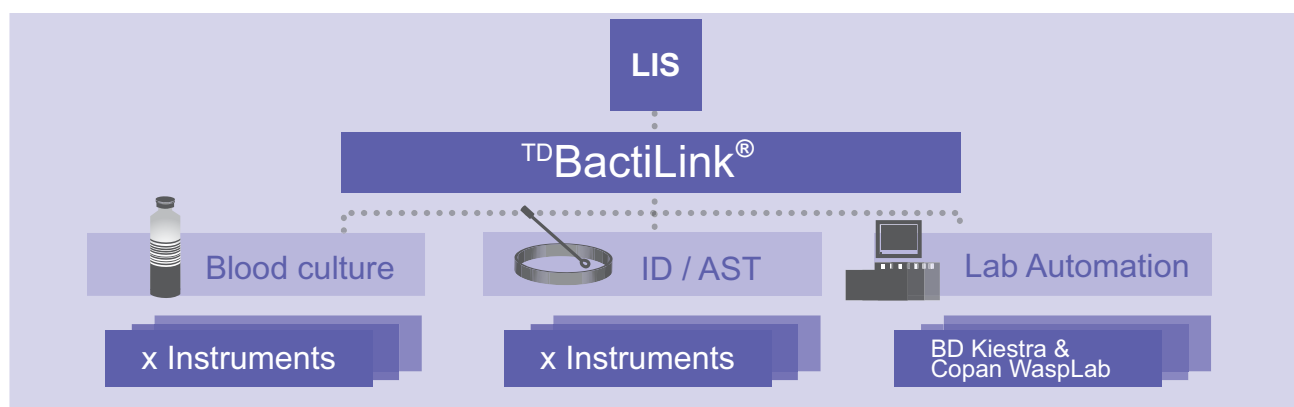


TD BactiLink gives bacteriology laboratories complete freedom to choose the equipment they want to use

Multi-instrument, multi-technology: open up your laboratory to the latest technological advances, and be free to choose your instrumentation and laboratory configuration.

High-performance connectivity: easily integrate your existing environment with bacteriology instruments through bidirectional interfaces (HL7, ASTM 1238)

Financial freedom: respond to organization changes and scientific and technological advances in your field.



TD BactiLink: perfectly suited to handle multi instrument workflows and Microbiology Lab Automation



Paperless microbiology

Increase productivity:

- Efficiency
 - ➔ Save time with streamlined data entry and readability
 - ➔ Deliver reliable results in the minimum time
 - ➔ Access information in real time
 - Customizable screen for result entry
 - ➔ View screens that are relevant to the analytical process you are working on
 - ➔ Save time when entering results
 - Patient Safety
 - ➔ Avoid mistakes by standardizing method
 - ➔ High traceability
 - ➔ Safe validation
 - ➔ Email alerts to improve reactivity
 - ➔ Epidemiology at a glance
 - Pre-set dictionaries and workflows
 - ➔ Easy and smooth deployment
- Configurable to your own methods, organization, and traceability rules:
- Customize protocols and workflow
 - ➔ Guide laboratory staff in the handling of specimens and results entry
 - Define expert rules on-the-fly
 - ➔ Manage exceptions and alerts
 - ➔ Customize expert rules easily
 - ➔ Reduce laboratory turnaround time
 - ➔ Reduce costs and rationalize work
 - Choose how to enter results (online, connected analyzers)
 - ➔ Match laboratory organization and workflows



Epidemiology

Leverage Microbiology data

- Epidemiology alerts
 - ➔ Immediate alerts for individual results, based on user-defined rules
 - ➔ Threshold alerts when a particular event reaches a user-defined threshold
- Efficient epidemiology reporting
 - ➔ Incidence reports
 - ➔ Resistance reports
 - ➔ Management of duplicates
- Compatibility with local or worldwide disease surveillance systems
 - ➔ Export of microbiology data for CoSURV, WHONET, EARSS
- Dynamic link with the patient
 - ➔ Access to patient details
 - ➔ Access to the analytical workflow



Quality & accreditation

High quality with integrated tools

- Help to comply with standard requirements (ISO 15189, CAP 15189, GBEA, CLSI, EUCAST...)
 - ➔ Facilitates laboratory accreditation
- Powerful audit features at all stages: request, sample, patient
 - ➔ Enhanced traceability
- Non-conformity management
 - ➔ Improved quality of care
- Document management module
 - ➔ Compliant with ISO 15189 prerequisites



High interoperability

A key factor for integration in healthcare organizations

- A powerful communication engine, using standard communication protocols (HL7, ASTM 1238)
 - ➔ For an easy interface with any Laboratory Information Systems (LIS) for orders and results
 - ➔ For immediate interface with identification and sensitivity analyzers, including mass spectrometry instruments and Microbiology Lab Automation

Testimonials

Annecy Hospital, FRANCE

“The microbiology module introduced a real paperless bacteriology for a significant gain in efficiency.”

Dr Bland,
Biologist

Interoperability

Standard protocols (HL7, ASTM 1238) for easy interface

- + Microbiology Lab Automation (BD Kiestra™ and Copan WaspLab™ systems)
- + Urine cytology instrumentation
- + Antibigram and identification instruments
- + Concentrators
- + Blood culture instruments
- + Mass spectrometry equipment
- + Numerous LIS for orders and results

Robustness

Benefit from a reliable system

- + Ensure continuity of service
- + Save time during back-up
- + Guarantees response time
- + Ensure disaster recovery with limited data loss, thanks to regular snapshots
- + Reduce operating costs

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



LEARN MORE

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

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Middleware for paperless bacteriology

Features

Workflow management

- Customizable protocol/process definitions
- Comprehensive traceability and actions
- Multiple specimen management
- Patient infection history
- Multidisciplinary order entry
- Real-time rule-based system for order entry, allowing users to customize the standard protocols

Result entry

- Customized work lists
- Labels for stains and agars/cultures
- Dedicated result entry screens
- Real-time information access
- Instrument connections, including interface with mass spectrometry instruments
- Microbiology Lab Automation ready with BD Kiestra™ and Copan WaspLab™ systems
- Result entry request-by-request (fully paperless)
- Batch result entry (e.g. negative results)
- Real-time rule-based system allowing cascading test and result interpretation
- Delta check on antibiotics results
- Traceability of phoned results

Clinical review

- Review lists
- Comprehensive online review
- Access to patient file history
- Sensitivity test history
- Access to technicians' result entry screens (bench traceability)
- Culture summary
- Request status indicators
- Nosocomial indicators and warnings

Epidemiology

- Customizable immediate email alerts
- Real-time epidemiology threshold alerts
- Multicriteria data extraction for epidemiology and activity analysis
- Analysis including handling of customizable duplicate rules
- Data export to Microsoft Excel
- Embedded graphical representation and reports

Companion solutions

- Document management module
- Non-conformity management module

Technical overview

- Client computers running on the Windows operating system, standard (HL7) or customized protocols for medical data to interface with any LIS
- Support for virtual machine configurations (VMware)
- Real-time backup by snapshots



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