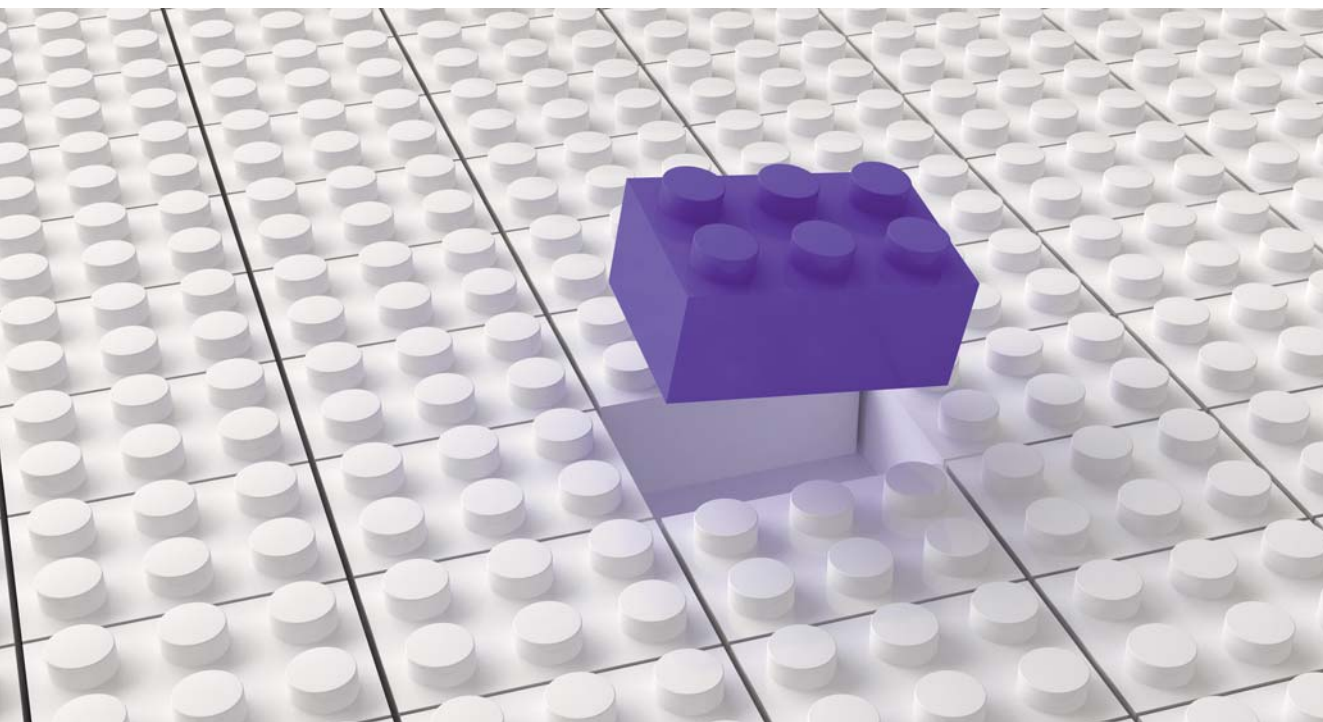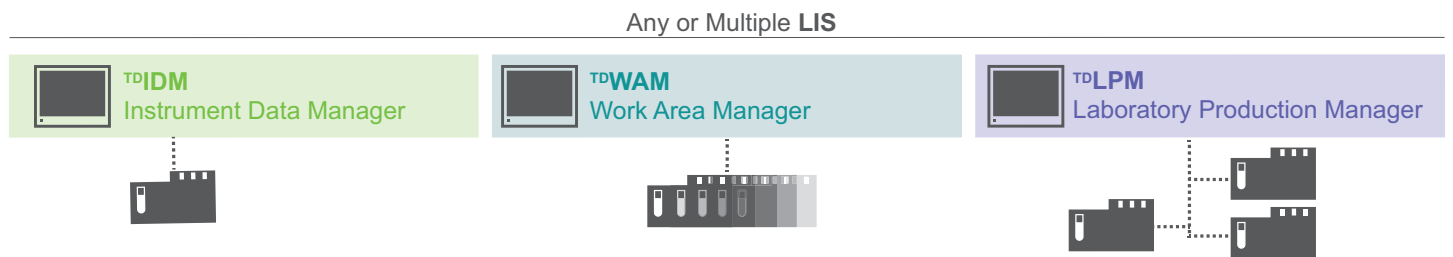# TDHarmony®

Middleware solutions

TDHarmony suite is a range of software solutions designed to handle all of the technical aspects of a laboratory workflow, from dispatching samples to clinical review and reporting results.

It offers the latest innovations in flexibility, ergonomics, and user-friendliness. It provides comprehensive information and organizational management capabilities, as well as improved communications with the outside world.

Scalability

Flexibility

Efficiency

Health informatics for the Laboratory
Designed for Patient Safety

TD
TECHNIDATA
MEDICAL SOFTWARE

^{TD}Harmony®

A scalable solution

^{TD}Harmony suite provides a scalable connectivity solution for any LIS, from a single instrument connected through TECHNIDATA's Instrument Data Manager (^{TD}IDM), to a complete laboratory test production workflow controlled by TECHNIDATA's Laboratory Production Manager (^{TD}LPM).

Any or Multiple **LIS**

^{TD}**IDM** Instrument Data Manager	^{TD}**WAM** Work Area Manager	^{TD}**LPM** Laboratory Production Manager

^{TD}Harmony suite, a scalable connectivity solution for any LIS

Instrument Data Manager, ^{TD}IDM

• A simple solution for connecting a single instrument

  ➲ The basic ^{TD}Harmony suite solution

  ➲ Supports connection to one instrument

  ➲ Includes a state-of-the-art "push" system, where all essential data is displayed on a dashboard

  ➲ Allows switch to and from the Quality Control monitor without losing context, from the dashboard

  ➲ Highlights instrumentation drifts by a quality control display, with a variety of charts (tabular format, histo-grams, Levey-Jennings chart, and so on). Westgard Rules are available in real time (1-2S and 1-3S) or on demand (2-2S, R-4S, 4-1S, 10x).

Work Area Manager, ^{TD}WAM

• For multi-instrument interfaces

  ➲ The second level of the ^{TD}Harmony suite solution

  ➲ Supports multiple instruments (up to six instrument connections)

  ➲ Restricts access to a single instrument using filters, to control or review results

  ➲ Allows to share the information produced by instruments on several client PCs, for technical reviews

  • Work Area Manager

  ➲ By combining the available configurations, ^{TD}Harmony suite gives you the capability to manage a complete discipline, acting as a Work Area Manager.

Middleware solutions

The dashboard concept: information at a glance.

Why choose
TDHarmony suite?

+ Not specific to a particular discipline:
all users can access all disciplines

+ Not specific to a particular instrument:
use with one or many identical or different
instruments

+ Not specific to a particular type of LIS:
use with one or many identical or different
LIS

Why use
TDHarmony suite?

+ Increased efficiency

+ Reduced turnaround time

+ Lower production costs

+ Easier installation and maintenance

Laboratory Production Manager, TDLPM

• Boost your existing LIS

  ➲ The ultimate TDHarmony suite solution

  ➲ Slotting in naturally between your LIS and the technical
  areas of the laboratory, TDLPM is seen by your LIS as
  a single instrument. It communicates though
  customizable or standard ASTM or HL7 protocols.

  ➲ Designed to support and manage all the
  organizational, workflow, and production activities of
  the laboratory.

  ➲ Installed next to any existing LIS, TDLPM offers the
  most efficient technology for your day-to-day work. It
  delivers advanced functionalities seamlessly, even to
  legacy LIS software, at a fraction of the cost of a new
  LIS or system upgrade.

Teaming up with your existing LIS with the TDHarmony middleware suite!

TDHarmony®

ᵀᴰHarmony®

Middleware solutions

With ᵀᴰLPM, benefit from the latest technology to manage your laboratory production

ᵀᴰLPM key features

- Pre-analytical and post-analytical device interface
- Interfaces with unlimited analyzers
- Sophisticated management of user rights
- Unlimited sample storage
- Comprehensive sample tracking and routing
- Entry of batch results for manual testing, using custom worksheets
- Consolidated patient files
- Confidentiality of consolidated results for review and display
- Consolidated result reports
- Comprehensive and chronological audit trail
- Real-time, easy-to-use rule-based system
- Electronic result reporting (secure email as an option)
- Customizable real-time alerts
- Electronic intranet/Internet transmission of prescription requests and results (optional)
- Management of quality documents
- Consolidation of medical and management statistics
- Use of standard (HL7, ASTM) or customized communication protocols to interface with any LIS software

ᵀᴰBactiLink, a dedicated ᵀᴰLPM module for paperless bacteriology

Designed with bacteriologists, ᵀᴰBactiLink manages all stages of the exam, up to clinical review:

- **Functionality:** ᵀᴰBactiLink meets the specific requirements of bacteriology, in the chronological stages of the analytical process and in the nature of the information being processed.

- **Interoperability:** because of its bidirectional interfaces and the HL7 protocol, ᵀᴰBactiLink can be integrated with all LIS and with all laboratory instruments.

Plugged into any existing bacteriology LIS, ᵀᴰBactiLink provides a complete and dedicated solution with the following benefits:

- **Accreditation:** standardized methods to facilitate the ISO 15189 accreditation process

- **Paperless bacteriology:** improved traceability, efficiency, and quality in the laboratory

- **Flexibility:** adapted to all organizations, to conventional techniques, and to the most advanced technologies

- **Ergonomics:** an intuitive interface for ease-of-use and reduced training times