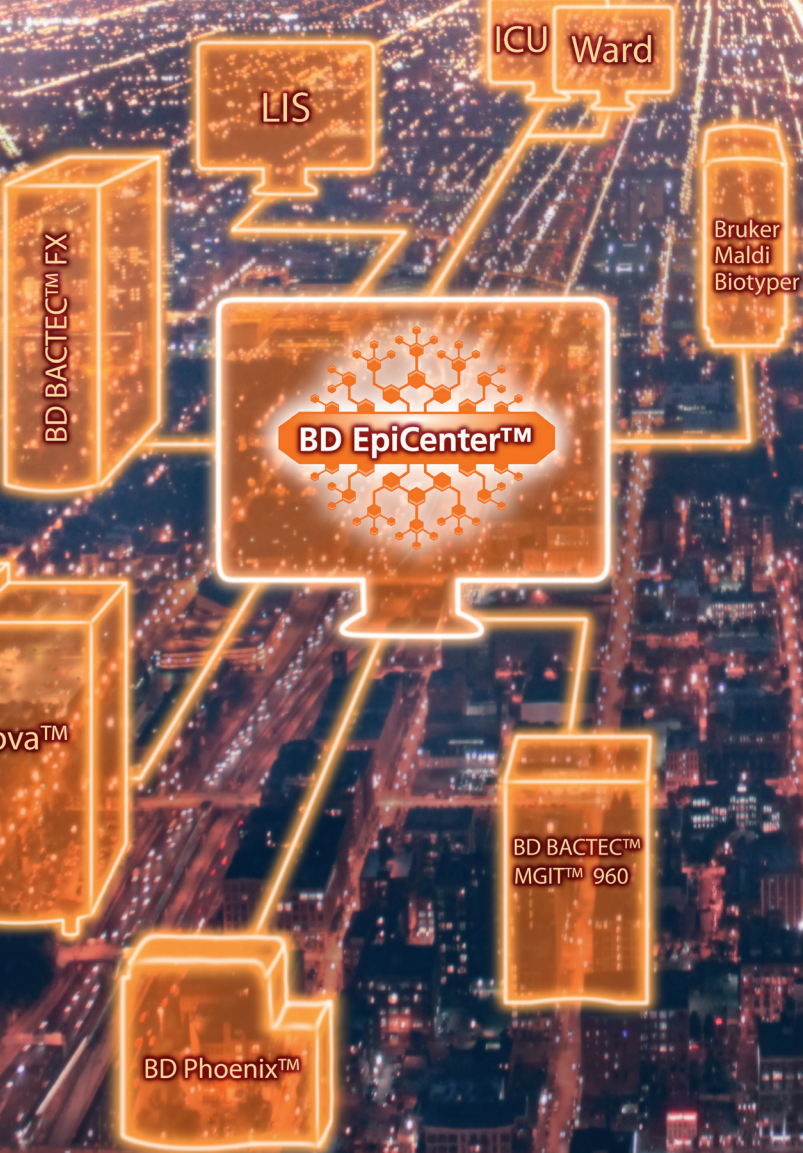


BD EpiCenter™

Microbiology Data Management System

Experience Integration

BD EpiCenter™ – software that integrates solutions where they're needed. In the lab and in the ward.



Helping all people live healthy lives

BD EpiCenter™

Microbiology Data Management System

Integration for Improved Lab Efficiency

- Real time instrument and patient-monitoring system consolidating all information generated by the microbiology laboratory with remote access capabilities
- Integrated and standardized clinical validation of diagnostic results supported by the best updated microbiology expert system
- Flexible modular network platform for managing variable, customizable paperless workflows and enhancing efficiency of all connected platforms, including BD Inova™ and MALDI Biotyper.
- Open platform allows integration of information derived from other instruments into BD EpiCenter™ via LIS interface
- Comprehensive statistical and epidemiological analysis functions, over 100 pre-defined reports
- Fully validated EUCAST compliance, with the option to personalize interpretative susceptibility rules

Connectivity for any requirement:

More than **600**
implementations!

Integration for Controlled Communication

- Enhance data access with multiple BD EpiCenter™ workstations within the hospital network and/or prompt blood culture incubation with satellite BD BACTEC™ FX installations
- Create direct communication of customizable, alertable (Sentinel) events (MRSA, MDR,...) utilizing existing e-mail systems, PDA or SMS
- Full traceability of information that is entered or changed to support your laboratory accreditation effort
- Reduce turn around time* from test ordering to availability of results by implementing paperless workflows for optimized patient treatment

Integration for Enhanced Clinical Responsiveness

- Guide the choice of appropriate antibiotic therapy
- Cross-check patient's antibiotic therapy with the test performed by the laboratory in order to adjust patient treatment when necessary
- **Automatically monitor blood volumes collected in your BD BACTEC™ blood cultures, to improve diagnostic yield of your blood cultures**
- Determine the appropriate antimicrobial therapy against multi-resistant Mycobacteria using BD EpiCenter™ TBxIST for extended, individual susceptibility testing of primary and secondary anti-TB drugs

* The most frequently used indicator of efficiency is turnaround time.¹ Moreover, clinical satisfaction with service is often related to the timeliness of test results, because of their effect on treatment, particularly in critical care settings.²

1. Manor PG. Turnaround times in the laboratory: a review of the literature. Clin. Lab Sci. 1999, 12: 85-90
2. Howanitz JH, Howanitz PJ. Laboratory results: timeliness as a quality attribute and strategy. Am J Clin Pathol 2001; 116: 311-315

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BD Diagnostics

Tullastraße 8-12
69126 Heidelberg
Germany
Tel. (49) 6221 305 0
Fax (49) 6221 305 604
www.bd.com/europe/ds/