



RADIANCE
STAT analyzer and data
management system

RADIANCE is a hospital-wide solution



Laboratory

Easily and quickly monitor and control decentrally placed analyzers.

Data management and regulatory requirements are supported by automated functions.



Point of care

Correctly identified results are quickly available at the point of care.

Centralized support lets the caregiver focus on the patient and not the analyzer.



Administration

Reduced error reduces repeat measurements, saving staff time and measurement costs.

Eliminate lost billing opportunities and the legal risk of incorrect patient identification with correct patient and sample match at the bedside.

Simplicity and support of acute care testing

The RADIANCE system is a STAT analyzer and data management system. It is modular and has full scalability – from data concentrator to sophisticated data and analyzer system management.

By automating testing procedures, quality control, documentation and data management, the RADIANCE system brings increased simplicity and support to your busy testing environment.

With the RADIANCE system you get an intuitive and user-friendly software solution.

RADIANCE provides:

Simplicity

- Connectivity
- Access from anywhere, anytime
- Complete data capture
- Complete billing of tests
- Compliance with regulatory requirements
- Automated data processing
- Modular software



Support

For the caregiver

- Results quickly available where needed
- Centralized analyzer support
- Automatic patient-sample match with 1st automatic

From the point of control

- Automated system monitoring
- Remote control of analyzers in real time
- Centralized user-management

Simplicity in acute care testing

Connectivity

With the RADIANCE system, you only need one data management system to control and manage the majority of your acute care and point-of-care analyzers, lowering costs and simplifying your processes.

Access from anywhere, anytime

Using a web-browser, the RADIANCE system can be accessed in a secure, multi-user environment. The RADIANCE system can receive and provide data to multiple information systems via standard protocols, such as ASTM, HL7 and POCT1-A.

Complete data capture

The RADIANCE system captures patient, QC and calibration results as well as system messages through continuous data synchronization between analyzers and the LIS/HIS. All results are automatically documented and traceable with audit trail. This enables you to manage patient treatment, legal documentation of appropriate patient care and cost recovery.

Complete billing of tests

Reduced risk of unidentified or incorrectly identified patient results. Reduced risk of incomplete data records or missing results from patient records. Get reimbursed for every test.

Compliance with regulatory requirements

The RADIANCE system reminds you of when reports are due for regulatory purposes according to predefined schedules. Reports can be reviewed, signed and saved electronically, allowing a paperless review process and paperless inspection. Includes different report formats needed for meeting regulatory requirements. With the RADIANCE system QC data can be automatically uploaded to the QA Portal for peer group comparison.

Automated data processing

QC results can be processed manually, semi or fully automatically, reducing workload and giving you control of your data/result processing.

Modular software

One size does not fit all. With the RADIANCE system you only buy the modules required to give the functionality you need. Annual licensing gives you the flexibility to up- or downgrade at any time and also ensures you get new functionality as soon as it is available, without the need to repurchase software.



Support of acute care testing

Results quickly available where needed

The RADIANCE system ensures that the correctly identified results are quickly and automatically reported where needed: the lab, the patient's bedside monitor or the doctor's PDA.

Centralized analyzer support

Medical staff and caregivers can focus on the patient, secure in the knowledge that their STAT analyzers are being monitored and managed from a central location.

Automatic patient-sample match

A part of Radiometer's 1st Automatic solution, the RADIANCE system links patient, sample and operator IDs at the bedside, eliminating the risk of result mixups, ensuring traceability (for QA purposes) and making results data readily available to caregivers.



The facts about the RADIANCE system

Analyzer system management module

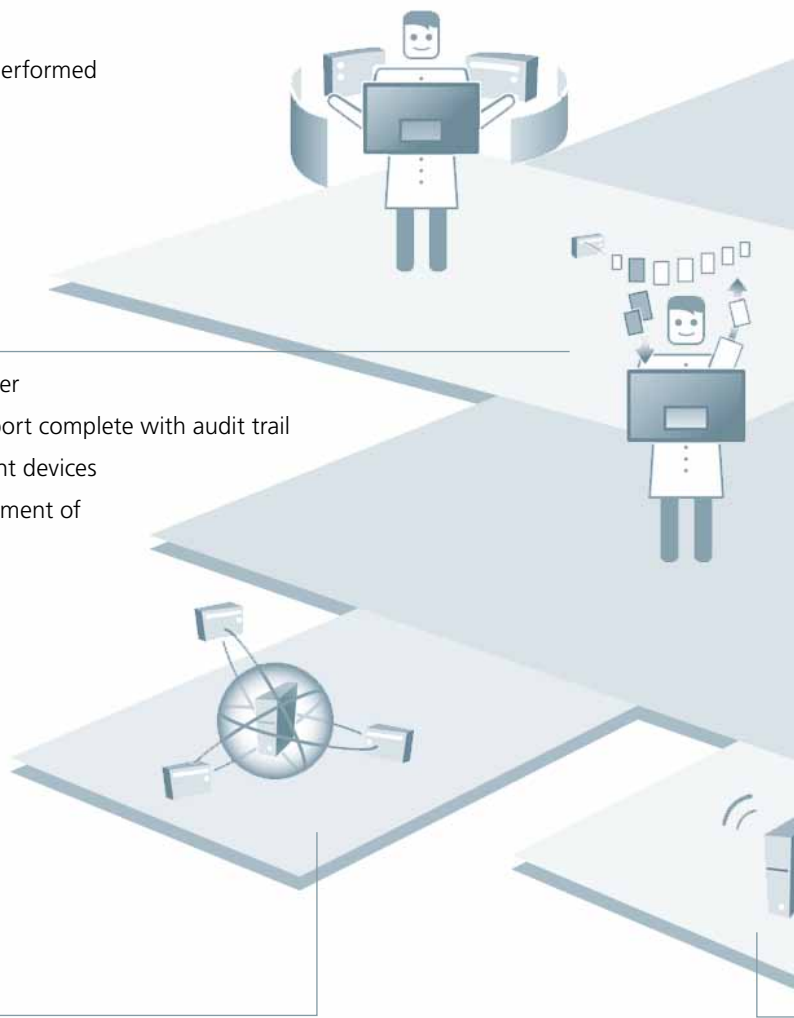
- Centralized monitoring of decentralized analyzers
- Remote control of analyzers in real time
- Audio-visual notification of changes in analyzer and system status
- Proactive management of analyzer consumables
- Automatic reminder system of any tasks due to be performed
- Monitoring of LIS/HIS data transmission status
- Remote access

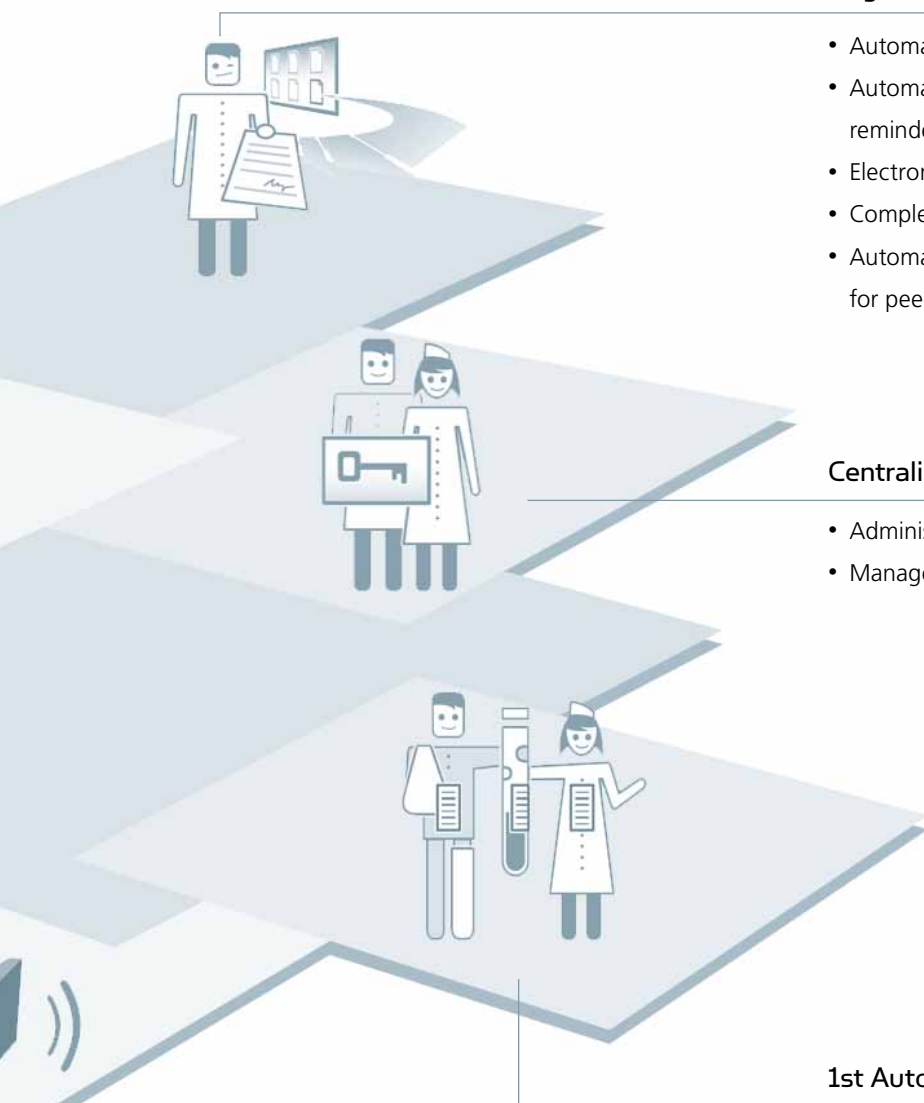
Patient results module

- Display of patient results from any connected analyzer
- Add additional information to the patient results report complete with audit trail
- Processing of patient results from POCT1-A compliant devices
 - Choice between semi and fully automated management of patient results
 - Rules-based exception processing of POC results

Connectivity module

- Connection of Radiometer and non-Radiometer analyzers as well as POC devices
- Automated data capture and transfer
- Support of standard interface protocols: ASTM, HL7, POCT1-A
- 100% data capture through continuous data synchronization between Radiometer analyzers, the RADIANCE system and LIS/HIS
- Customizable and flexible LIS/HIS connectivity





Regulatory compliance module

- Automatic reminder system for due reports
- Automated replacements and tasks log and reminder system
- Electronic review, signing and filing of reports
- Complete management of analyzer data
- Automatic QC data upload to the QA Portal for peer comparison

Centralized user-management module

- Administration of analyzer users from a central location
- Management of user profiles

System

- Automatic or manual archiving of data
- Support of patient identification – complete data accuracy
- Web-browser based software – access from anywhere, anytime

1st Automatic module

- No risk of patient and result mixups
- Increased patient safety
- Automatic patient-sample match at the bedside
- Results quickly available back to the patient bedside

Automated system monitoring

The RADIANCE system monitors analyzer status, quality of patient results and result flow from analyzers to the RADIANCE system and on to the LIS, CIS, HIS and/or patient monitoring system. Central support staff do not have to worry about connected analyzers until the RADIANCE system alerts them to a change in status that they should take action on.

Remote control of analyzers in real time

Real time monitoring and the ability to remotely control your acute care analyzers maximize analyzer uptime. Direct access into the analyzer software means you never need to walk to the analyzer to change analyzer setup.

Centralized user-management

Administration is reduced by providing setup and management of Radiometer analyzer users, centrally from within the RADIANCE system. System security is ensured by restricting access to analyzers or the RADIANCE system by trained and authorized users only.



ACUTE CARE TESTING