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# Improve Visibility and Control of Your Siemens Point-of-Care Testing

RAPIDComm Data Management System

**Answers for life.**

# Centralize Oversight and Control of Your Point-of-Care Hospital Network

The RAPIDComm Data Management System from Siemens Healthcare Diagnostics allows centralized control of Siemens analyzers and operators to standardize procedures, facilitate compliance, and improve risk management.



## Bring Peace of Mind to Your Point-of-Care (POC) Blood Gas, Urine Chemistry, and Diabetes Care Testing

RAPIDComm® monitoring and control features provide you with real-time oversight of all connected Siemens analyzers from any workstation on your hospital's network. A sophisticated rules engine and software customization options make it easy for you to standardize—or specifically tailor—POC activities to support the needs of different departments, users, and patients throughout your organization, in an organized and efficient manner. The ability to integrate data from analyzers located throughout your institution will enable you to streamline workflows, administration, and management. And RAPIDComm systems incorporate documentation, security, and other features that were designed specifically to help meet regulatory and inspection requirements.

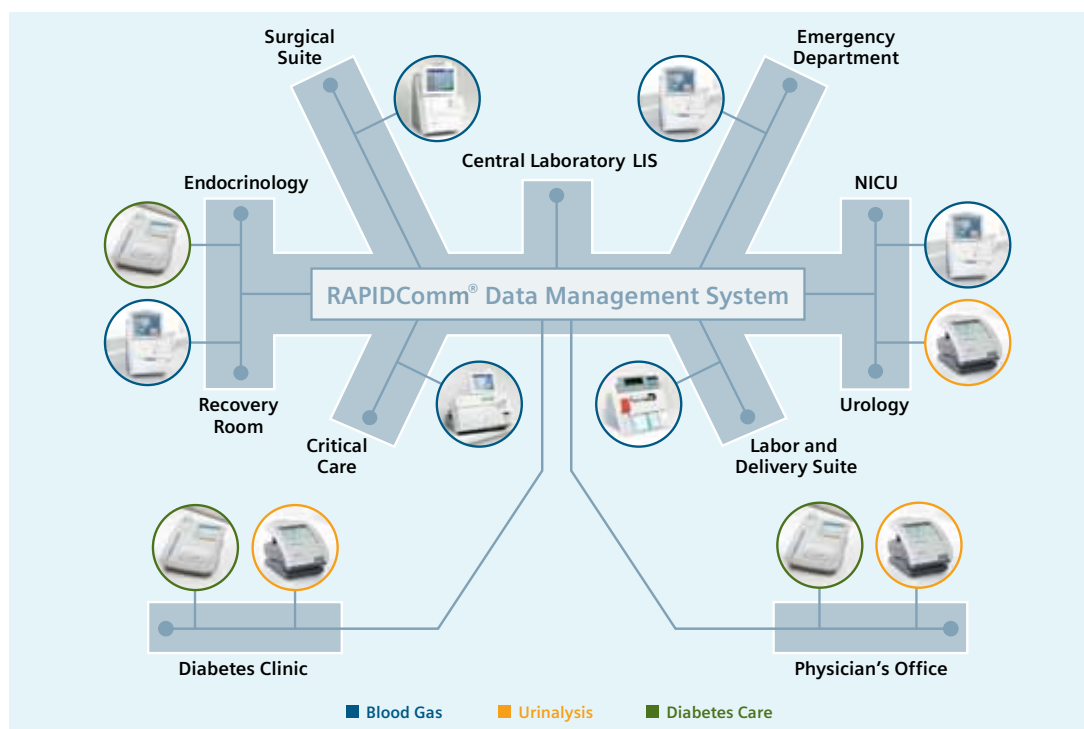
### Advanced Functionality<sup>1</sup> for Better Patient Care and Improved Workflow

- Put safeguards in place to improve patient care and reduce risk
  - Set critical ranges and trend alerts for different sample types
  - Standardize—or customize—data analysis and reporting for analyzers
  - Review results by exception to focus attention on critical areas
  - Protect sensitive patient information
  - Capture audit trail of changes made to patient records
  - Transmit results to hospital systems for records and billing
- Simplify instrument control and operator management with remote access from any workstation
  - Configure instrument settings and apply to one or more analyzers
  - Set access privileges for each connected instrument
  - Download lists of operators to one or more analyzers
  - Set automatic recertification requirements for operators
  - Instantly lock out instruments or operators
- Simplify POC program management and maximize instrument uptime
  - Troubleshoot without travel utilizing real-time, live remote view and control features
  - Customize alerts for device connectivity, sample processing, queue management, operators, QC, maintenance, etc.
  - Customize screen views and reports
  - Enhance QC management, control, and documentation
  - Augment regulatory inspections with audit trail documentation and reports
  - Consult analyzer event logs and set/capture maintenance requirements

### Create a Point-of-Care Environment with Seamless Integration

Our RAPIDComm Data Management System is designed to work exclusively with our RAPIDSystems™, CLINITEK Status® Connect, and DCA Vantage® analyzers. Using a common platform to support different types of point-of-care test equipment helps to simplify training, and a single interface to LIS/HIS can reduce costs. More important, however, are the robust features, seamless manageability, and peace of mind inherent in a single-source solution that is based on proprietary product knowledge.

#### RAPIDComm connectivity solution



1. System features and control capabilities vary by instrument.

# Complete Solutions for Blood Gas, Urine Chemistry, and Diabetes Care Testing

Siemens offers a family of blood gas, urine chemistry, and HbA1c analyzers designed specifically to provide rapid, reliable patient results across the spectrum of routine and critical care settings. From delivering test results near a patient's bedside to supporting the demands of high-volume hospital labs, Siemens designs systems to help improve clinical outcomes and increase operational and financial efficiencies. The RAPIDComm Data Management System brings all these systems together, providing centralized control throughout your network.

## **RAPIDLab® 1200 Blood Gas Analyzers**

High-volume, low maintenance whole blood systems with the power to increase throughput without increasing workload.



## **RAPIDPoint® 500 Blood Gas Analyzers**

Delivering the accuracy and reliability Siemens customers have come to trust in an easy-to-use, maintenance-free solution.

## **RAPIDPoint® 400/405 Blood Gas Analyzers**

The first cartridge-based, point-of-care blood gas system to seamlessly integrate full CO-oximetry from a single sample.



## **RAPIDLab® 248/348 Blood Gas Analyzers**

The right balance of operator efficiency and value for many critical care environments.

## **CLINITEK Status Connect System**

An easy-to-use benchtop analyzer that automates testing for urine test strips and hCG pregnancy tests.



## **DCA Vantage Analyzer**

Drive diabetes patient compliance with clinically proven HbA1c<sup>2</sup>, Albumin, and Creatinine tests and Albumin-to-Creatinine (A:C) ratio results.

2. Immediate feedback of HbA1c levels improves glycemic control in Type 1 and insulin-treated Type 2 diabetic patients. Cagliero E, Levina DV, Nathan DM. Diabetes Care 1999;22:1785-9.

## Peace of mind for point-of-care testing

Siemens RAPIDComm Data Management Systems Provide...	Connected Blood Gas Analyzers	Connected Urinalysis Systems	Connected HbA1c Analyzers
<b>Greater Confidence</b>			
<ul style="list-style-type: none"> <li>• Automatic QC result processing; Customizable regulatory reports</li> <li>• Audit trail of actions related to patient records</li> <li>• System Alerts Manager for dashboard view of POC program</li> <li>• Analyzer event history</li> <li>• Maintenance management</li> </ul>	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ n/a	✓ ✓ ✓ ✓ n/a
<b>More Control</b>			
<ul style="list-style-type: none"> <li>• Manage instrument operators; Download customized lists of operators to one or more connected analyzers</li> <li>• Limit instrument access to authorized users and automate operator recertification based on custom rules</li> <li>• Real-time control and troubleshooting from a remote location</li> <li>• Customize settings, views, and reports to meet specific needs</li> <li>• Designate key patient information as sensitive to protect privacy</li> </ul>	Up to 5,000 per instrument <sup>3</sup> ✓ ✓ ✓ ✓	Up to 700 per instrument ✓ ✓ <sup>4</sup> ✓ ✓	Up to 1,000 per instrument ✓ ✓ <sup>4</sup> ✓ ✓
<b>Increased Efficiency</b>			
<ul style="list-style-type: none"> <li>• Connect all analyzers through a single interface to LIS/HIS</li> <li>• Common platform simplifies training of users and administrators</li> <li>• Real-time remote monitoring of device status and event logs</li> <li>• Real-time analyzer connection and screen operation</li> <li>• Review by exception, focusing on areas requiring attention</li> <li>• Transmit patient results and QC data to LIS/HIS, including order number generation</li> <li>• Ability to customize screen views and printed reports</li> <li>• Compliant with HL7 time and data standards to simplify hospital connectivity</li> <li>• Support for automatic time synchronization with blood gas analyzers</li> </ul>	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ <sup>3</sup>	✓ ✓ ✓ n/a ✓ ✓ ✓ ✓ n/a	✓ ✓ ✓ n/a ✓ ✓ ✓ ✓ n/a
<b>Quality Results</b>			
<ul style="list-style-type: none"> <li>• Limit access to trained users; Manage authorization levels</li> <li>• Customized rules for patient and QC result processing</li> <li>• Support for up to 25 user-defined patient sample demographics</li> <li>• Set up delta limits for early warning of deteriorating conditions</li> <li>• Standardized data analysis and reporting to eliminate site-to-site variation within an institution</li> </ul>	✓ ✓ ✓ ✓ ✓	✓ ✓ <sup>5</sup> n/a n/a ✓	✓ ✓ <sup>5</sup> n/a n/a ✓

## Recommended hardware and software requirements

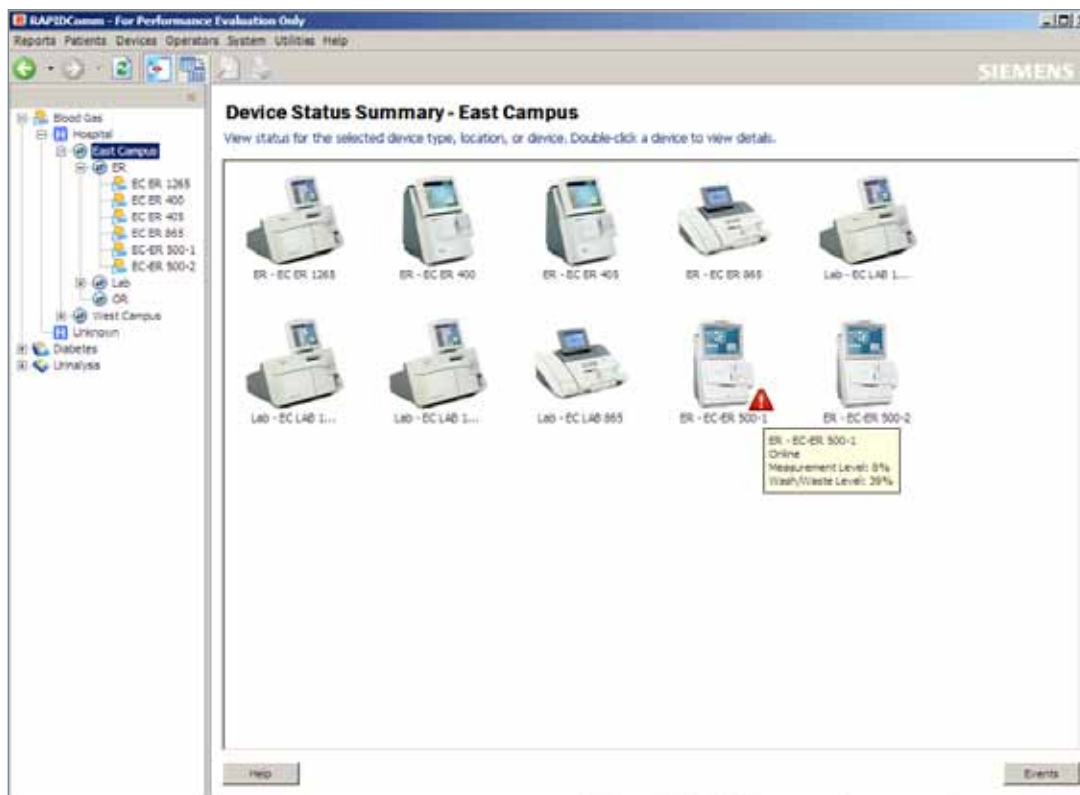
	Operating System	Database	CPU	RAM	Disk Space
Server	Windows® Server 2008 SP2 Windows Server 2003 SP2	SQL Server 2008 SP1 SQL Server 2005 SP3	Dual Core 2.2 GHz processor	2 GB	Software: 150MB Database: 40 GB
Workstation	Windows XP SP3 Windows 7	n/a	Dual Core 2.2 GHz processor	1 GB	Software: 150 MB
Client	Windows XP SP3 Windows 7	n/a	Dual Core 2.2 GHz processor	1 GB	Software: 150 MB

3. Depending on model.  
4. QC lock-out mode only.  
5. Limited functionality.

# Maximum Point-of-Care Control from Wherever You Are

The RAPIDComm system can be accessed from any RAPIDComm-connected computer on the hospital-wide network and features an easy-to-navigate user interface. Importantly, users retain full access to all other programs on the desktop and can log in to the RAPIDComm system using their hospital domain system user ID/password.

Designed to be flexible, the RAPIDComm Data Management System can be highly customized to address the needs of different departments, users, and patients. Modify screen views, reports, and system alerts to reflect the needs of your institution. Please note: Specific RAPIDComm functionality varies to support differences in RAPIDSystems, CLINITEK Status Connect, and DCA Vantage instruments.

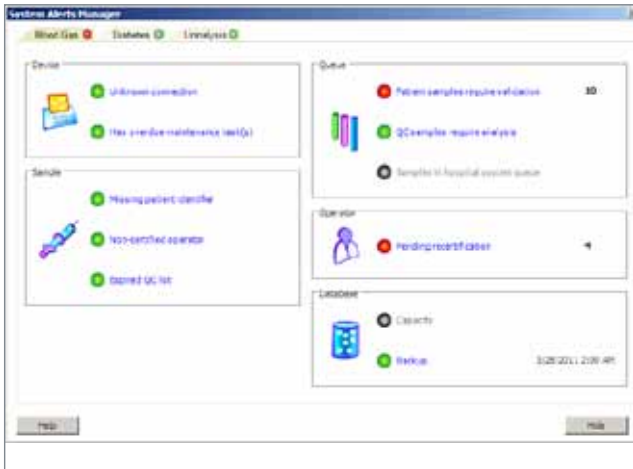


## Device Status Summary

Review a graphical display of real-time device status with visual and audible alerts to error conditions. View current functional status, connectivity, date, and time of last patient and QC result.

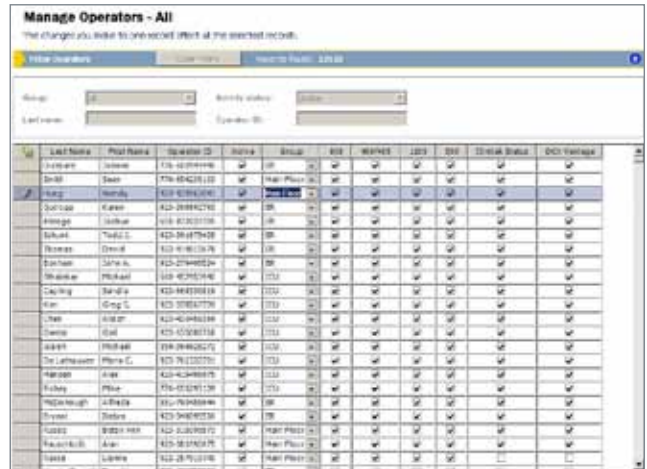
RAPIDComm users can connect “live” to a remote blood gas analyzer to take control, initiate calibrations, and perform QC analysis and other essential activities. Similarly, a POC manager can copy the setup of a single urine chemistry analyzer and use it to instantly configure 5, 10, 25, or more instruments across the institution without ever leaving the office. Contact your Siemens Healthcare Diagnostics Representative today to see these and other unique RAPIDComm features in action.





**System Alert Manager**

Single-window status summary of RAPIDComm program and the operators, analyzers, and samples being managed. Customize the conditions to monitor and the criteria for alerts.



**Manage Operators**

Manage operator authorizations and recertification for connected RAPIDSystems, CLINITEK Status Connect, and DCA Vantage analyzers. Organize operators by group, testing location, or role and responsibility.



**Audit Trail Report**

The RAPIDComm program records access and changes to patient-related data and records user ID when patient and QC samples are processed. View and manage audit records created by system and create customized reports which include date and time of entry, RAPIDComm user identity, record type, action taken, and old and new values for changes.



**Remote Connection**

Troubleshoot without travel to maximize uptime. Live remote connection enables you to view RAPIDLab 1200, RAPIDPoint 500, and RAPIDPoint 400/405 instrument screens in real time. Take control of the instruments to initiate calibrations, QC analysis, wash sequence, and more.



**QC Reports**

Review QC test results for connected Siemens analyzers. Generate QC reports and charts for documentation and compliance. Note: Reports vary by product.



**Device Status Details**

Review graphic display of blood gas cartridge fill status, and exchange cartridges before they empty.

Siemens Healthcare Diagnostics, a global leader in clinical diagnostics, provides healthcare professionals in hospital, reference, and physician office laboratories and point-of-care settings with the vital information required to accurately diagnose, treat, and monitor patients. Our innovative portfolio of performance-driven solutions and personalized customer care combine to streamline workflow, enhance operational efficiency, and support improved patient outcomes.

CLINITEK Status, DCA Vantage, RAPIDComm, RAPIDLab, RAPIDPoint, RAPIDSystems, and all associated marks are trademarks of Siemens Healthcare Diagnostics Inc. All other trademarks and brands are the property of their respective owners.

Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

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