

**How can we increase efficiency
and improve patient care?**

A woman in a white lab coat and a man in a suit are walking down a modern, brightly lit hospital hallway. They are engaged in a conversation. The woman is on the left, wearing a white lab coat over a green top and light-colored pants. The man is on the right, wearing a dark suit, a light blue shirt, and a striped tie. The hallway has a clean, professional appearance with white walls and a blue-tinted floor. A handrail is visible on the left side of the hallway.

Siemens Healthcare Diagnostics

Transforming diagnostics with performance-driven solutions.

Answers for life.

SIEMENS



Michael Reitermann
Chief Executive Officer
Siemens Healthcare Diagnostics

Dear Valued Customer,

Each and every day, Siemens is focused on providing innovative solutions to ensure our customers' success. This is our passion. From groundbreaking technology in medical imaging, clinical diagnostics, and information technology to thought leadership in integrated diagnostics, we are partnering with laboratories and clinicians around the world to improve the well-being of patients.

Our comprehensive portfolio of diagnostic products and our sales and service professionals are hard at work—in clinical laboratories, physicians' offices, at the patient's bedside, and in institutions large and small—transforming your laboratory operations with customized solutions tailored to meet your changing and growing needs.

We welcome the opportunity to be your trusted partner to help you plan for today and be prepared for tomorrow. Together, we can advance patient care in ways never thought possible and provide the best medicine for each individual patient.

Best regards,

A handwritten signature in black ink that reads "Michael Reitermann". The signature is fluid and cursive.

Michael Reitermann

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How do we become your trusted partner?



We believe the answer lies in who are at the

listening to the voice of our customers, heart of everything we do.

Siemens Healthcare Diagnostics uses a systematic, customer-centered approach to product development that is constantly shaped and strengthened by listening to our customers and understanding their needs. Working closely with laboratorians, clinicians, and hospital administrators, we create innovative products and solutions that are transforming diagnostics—improving clinical outcomes, enhancing operational efficiency, and, ultimately, helping to improve patient care.

Most expansive systems portfolio

Using our hallmark consultative approach, Siemens creates customized solutions based on the most expansive portfolio of high-performance analyzers in the diagnostics industry. Our broad spectrum of systems—immunoassay, chemistry, hemostasis, hematology, molecular, microbiology, diabetes, urinalysis, and blood gas—in conjunction with our scalable automation solutions and comprehensive suite of products for managing workflow and IT connectivity can be tailored to meet the needs of each and every laboratory, no matter its size.

An unmatched test menu

By listening to customers at the earliest stages of product development, Siemens has developed the industry's most comprehensive test menu, with more than 900 assays. From the simplest to the

most specialized diagnostic tests—such as our Serum HER-2/neu test for the detection of metastatic breast cancer or viral load molecular testing for HIV/AIDS—Siemens' offerings cover the biomarker continuum to help improve quality of patient care and change lives, every day.

Comprehensive customer care

Siemens' customer-centric approach extends, perhaps most critically, to our service orientation. We strive to be the single-source partner that delivers the highest possible level of customer care. In fact, half of Siemens Healthcare Diagnostics employees—from highly skilled field service engineers to educational specialists—work directly with customers in more than 110 countries, relentlessly focusing on the reliability, dependability, and care of our products.

No matter what the forum for customer interaction, our experienced professionals turn what they hear into tangible value for clinical laboratories and healthcare institutions. This is how Siemens Healthcare Diagnostics has come to be the leading clinical diagnostics company, serving the diagnostic community throughout the world—from large reference labs to physicians' offices, independent delivery networks, and busy hospital emergency rooms.

And for all our customers, Siemens has become a trusted partner simply by starting a conversation with each of them in the very same way. By listening.

Rethinking Healthcare: Laboratory Diagnostics, Advanced Imaging, and Healthcare IT



What happens when three distinct disciplines—in any field—converge?

Possibilities multiply. Advancements are realized. And genuine breakthroughs can occur.

In diagnostics, these breakthroughs are already underway. At Siemens, we call it integrated diagnostics—combining and leveraging the strengths of laboratory diagnostics (in vitro diagnostics), advanced imaging (in vivo diagnostics), and healthcare IT.

Siemens' vision of integrated diagnostics puts the care of the patient at its very core, helping shift the practice of medicine to

become more preventive and knowledge-driven—ultimately offering the potential for more accurate diagnoses, earlier cures, and higher success rates. Integrated diagnostics will help decrease the need to treat acute, often catastrophic illnesses—which, not incidentally, contribute to 80 percent of overall healthcare costs—and put more emphasis on the prediction, early detection, prevention, and management of chronic conditions to extend and improve life.

With a 130-year history of innovation, Siemens is uniquely positioned to make this future of healthcare a reality. No other company offers the leading-edge technology, ever-expanding capabilities, and ongoing support that drive efficiencies throughout the entire continuum of care. And by converging laboratory diagnostics, medical imaging, and healthcare IT solutions, Siemens can help clinicians diagnose and treat disease in ways never before thought possible—creating opportunities for improving clinical, operational, and financial performance.

Healthcare institutions that embrace Siemens' unique portfolio will be at the forefront of a new era, confidently bringing together three disciplines to realize the potential to change healthcare and improve lives.



speed, capacity, and
scalability to customize labs of any size

Automation



VersaCell™ System

The VersaCell System transforms chemistry and/or immunoassay sample management for simple, versatile workflow consolidation.

- Single, consolidated workstation for effective management of peak workloads with reduced staff
- Simple to operate, with a single input area for a consolidated solution
- Flexible solution preserving functional independence of workstations if desired
- 200 samples/hour; continuous feed; no aliquotting required

StreamLAB® Automation Solution

The StreamLAB Automation Solution links multiple Dimension®, immunochemistry, and coagulation systems via a single operator interface with automated pre- and post-analytical functions.

- Flexible and customized configurations for enhanced workflow efficiency
- Reduced number of pre-analytical sample processing steps for improved turnaround time
- One-terminal, single-operator interface for optimized laboratory staffing
- 300 tubes/hour; 600-tube capacity



Automation



ADVIA® Automation Solutions

ADVIA Automation Solutions, featuring the ADVIA® LabCell® System and the ADVIA WorkCell® System, offer a high-performance option to connect laboratory analyzers in a single, consolidated, high-volume workstation.

- Optimized specimen analysis and data management for fast, predictable turnaround times
- Greater clinical efficiency, with decreased number of sample tubes required for analysis
- Multiple testing disciplines in a single, fully automated system
- Configurable systems process up to 1600 tubes/hour

“With Siemens’ automation and IT solutions, our delivery of data is faster, more accurate, and more reliable. Operational efficiencies quickly transformed into economic value—not just for the lab but for the entire health system.”

Eugenio Zabaleta, PhD
Clinical Chemist
MedCentral Health System
Mansfield, Ohio, USA



results in minutes,
enabling critical treatment decisions
to be made **instantly**

Blood Gas and Electrolytes



RAPIDLab® 248/348 Analyzers

RAPIDLab 248/348 Blood Gas Analyzers offer automated, economical critical care testing with proven ReadySensor® technology.

- Easy-to-use, automated system with minimal maintenance and reliable results
- Critical analyte testing, including blood gases, electrolytes, and hematocrit
- Seamless connectivity with RAPIDComm® Data Management and Connectivity Solution
- Results in 45–50 seconds



RAPIDPoint® 340/350 Analyzers

RAPIDPoint 340/350 Blood Gas Analyzers provide the right balance of efficiency and value for a variety of critical care environments.

- Small and portable, with an intuitive interface requiring minimal operator training
- Self-contained reagent cartridge with maintenance-free electrode technology for ease of use and reliability
- Fully automated calibration and system performance monitoring for speed and flexibility
- Results in approximately 2 minutes





RAPIDPoint® 400/405 Analyzers

RAPIDPoint 400/405 Blood Gas Analyzers are among the first true point-of-care systems to bring comprehensive, lab-quality testing to the point-of-care environment.

- Blood gas, electrolytes, glucose, hematocrit, and full CO-oximetry results from a single sample
- Intuitive, maintenance-free operation for consistent results, even with non-laboratory personnel
- All reagents in a single measurement and wash/waste cartridge for enhanced ease of use and operator safety
- All results available in 60 seconds from a single sample



RAPIDChem® 744/754 Analyzers*

RAPIDChem 744/754 Blood Gas Analyzers offer fast electrolyte and lithium analysis for busy laboratories and clinics.

- Whole blood, serum, plasma, and urine analyzed directly without the need for special adapters
- Intuitive yes/no prompts for easy operation and minimal operator training
- Fully automated calibration and performance monitoring to ensure analytical precision and reliability
- Serum, plasma, and blood results in 35 seconds; urine results in 60 seconds

*Not available in all countries.

RAPIDLab® 1200 Analyzers

RAPIDLab 1200 Blood Gas Analyzers are uniquely designed to meet escalating throughput needs.

- Extensive test menu, including full CO-oximetry and neonatal total bilirubin
- Intuitive touch screen, with a single sample port for syringe or capillary sample introduction
- Ultra-fast sample processing and microsample capability for immediate physician intervention
- Customizable test panels provide results in 60 seconds



“Siemens listens to the labs and investigates what they need. That’s one of the things to keep in mind when making decisions.”

Dr. Vidal Pérez Valero
 Director, Clinical Analysis Service
 and the Diagnostic Management Unit
 Carlos Haya Hospital
 Málaga, Spain

fast, accurate, laboratory-quality
results in **point-of-care** settings



Cardiac



Stratus® CS Acute Care™ Diagnostic System

The Stratus CS Acute Care Diagnostic System offers a full cardiac risk stratification and assessment menu for prompt patient diagnosis.

- Complete cardiac injury panel with high-sensitivity Troponin I*, mass CKMB, Myoglobin, NT-proBNP, and hsCRP; β hCG and D-dimer also available for fast ER testing
- Chest pain differentiation from a single sample, on a single run, on a single instrument
- Less hands-on manipulation than hand-held devices reduces opportunity for error
- 14 minutes to first result; 4 minutes for each subsequent result

*Defined as an imprecision level of 10% at the 99th percentile of a normal population by the joint ESC/ACC committee.

“We chose the Stratus CS System based on its speed and high-sensitivity testing, but also because of the track record of Siemens and the confidence we have in the company.”

Steve Berkowitz, MD
Chief Medical Officer
St. David's South Austin Hospital
Austin, Texas, USA

unparalleled productivity and
expansive test menus to meet
laboratories' evolving needs



Chemistry and Immunoassay

Clinical Chemistry Systems



ADVIA® 1800 Chemistry System

The ADVIA 1800 Chemistry System meets peak workload requirements with intuitive software and reliable performance.

- Broad menu for general and specialty chemistry testing
- Open-system capability with automated clot/clog detection and liquid-level sensing
- Seamless integration with automation-ready hardware
- Up to 1800 tests/hour

ADVIA® 2400 Chemistry System

The ADVIA 2400 Chemistry System keeps pace with your demands for productivity and maintains the reliability and stability required to keep your laboratory running.

- Point-in-space or direct-from-track aspiration to automate the most demanding workloads
- Superior exception management for consistent turnaround time
- Robust hardware and simplified software for total system reliability
- Up to 2400 tests/hour



Immunoassay Systems



AD VIA Centaur® CP Immunoassay System

The ADVIA Centaur CP Immunoassay System offers optimal productivity, speed, and efficiency in a tabletop design.

- Comprehensive menu with a large infectious disease panel
- Short turnaround time for optimal patient care; results in as little as 15 minutes
- Simple-to-use system with no-pause loading of samples, reagents, and supplies
- Up to 180 immunoassay tests/hour



IMMULITE® 1000 Immunoassay System

The IMMULITE 1000 Immunoassay System performs routine and specialty testing in a compact analyzer with an extensive menu, proven reliability, and value.

- Continuous-access sample loading for STAT, routine, and specialty testing process optimization
- Sample-level detection and positive sample identification for improved quality
- Comprehensive diagnostic testing menu of more than 90 assays
- Up to 120 tests/hour; 12 reagents onboard

AD VIA Centaur® XP Immunoassay System

The ADVIA Centaur XP Immunoassay System provides enhanced productivity to meet the peak workload demands and easily connects to Siemens automation systems.

- Comprehensive disease state menu—68 assays and growing
- No daily startup; automatic daily and monthly cleaning
- Zero sample carryover for optimized infectious disease testing
- Up to 240 immunoassay tests/hour with STAT port for immediate sampling



IMMULITE® 2000 Immunoassay System

The IMMULITE 2000 Immunoassay System, a simple-to-use, random-access analyzer, combines intuitive software with an extensive menu of routine, specialty, and allergy tests.

- Less than 5 minutes for daily startup; simplified logistics management
- More than 90 assays; expansive allergy menu of over 440 specific allergens
- Automatic monitoring of onboard reagents, supplies, and waste for improved inventory management
- Up to 200 tests/hour; 5 hours of walk-away time





IMMULITE® 2000 XPi Immunoassay System*

The IMMULITE 2000 XPi Immunoassay System offers proven reliability and the largest automated immunoassay menu with enhanced hardware and software features.

- Software upgrades include AutoStart for daily maintenance and QC
- Over 90 immunoassays for routine, esoteric, allergy, inflammatory, and bone testing
- Auto Rack for continuous sample loading, reducing turnaround time
- Up to 200 tests/hour

*Not available for sale in the U.S.



Dimension® RxL Max® Integrated Chemistry System

The Dimension RxL Max Integrated Chemistry System improves work processes by providing true integration of chemistry and immunoassay testing in a single unit.

- 91 assays onboard simultaneously for minimized sample splitting and reduced turnaround time
- Sample integrity analysis such as HIL determination without compromising throughput and productivity
- More results from one tube on one platform without sample splitting
- Up to 800 tests/hour, including 100 BMP samples/hour

Integrated Chemistry Systems

Dimension® Xpand® Plus Integrated Chemistry System

The Dimension Xpand Plus Integrated Chemistry System combines chemistry, STAT, and specialty testing in a single, compact, easy-to-use system.

- 47 assays onboard simultaneously, including ISEs for streamlined efficiency
- Large test menu with more than 100 reagents to meet over 90% of testing needs on one system
- Innovative Flex® reagent cartridge technology to eliminate manual samples and reagent pre-treatment
- 400 tests/hour; electrolyte results available in 58 seconds



Dimension® EXL™ with LOCI® Module Integrated Chemistry System

The Dimension EXL Integrated Chemistry System with LOCI Module offers revolutionary, advanced chemiluminescent technology and automated, productivity-enhancing features that assure unparalleled performance.

- 91 assays on one platform for simultaneous processing of chemistry and immunoassay tests
- Proactive STAT, sample, supply, QC, and calibration alerts for reduced staff intervention
- LOCI advanced chemiluminescence for unprecedented turnaround times and high sensitivity
- More than 620 tests/hour; electrolyte results available in 58 seconds





Dimension Vista® 500 Intelligent Lab System

The Dimension Vista 500 Intelligent Lab System integrates multiple best-in-class technologies for accurate results and simplified, consolidated sample processing.

- Over 130 assays and 144 reagent positions, with room for calibrators and quality controls
- Minimal daily start-up, with hands-free automated quality control and calibration programs
- LOCI, a homogeneous chemiluminescent technology, with best-in-class turnaround time of 10-minute cardiac panel
- 500 tests/hour with typical lab mix; electrolytes available in 22 seconds



Dimension Vista® 1500 Intelligent Lab System

The Dimension Vista 1500 Intelligent Lab System is the first in a new class of intelligent systems that provides increased efficiency and convenience to the laboratory.

- Over 130 assays with 166 onboard reagent positions; 600–800 samples onboard simultaneously
- Common sample area—no shuttling between chemistry, immunoassays, electrolytes, and nephelometry
- LOCI high-sensitivity immunoassays with fast turnaround time and low sample volume
- 1500 tests/hour with typical test mix; complete cardiac panel in 10 minutes

Dimension Vista® 1000T Intelligent Lab System

The Dimension Vista 1000T Intelligent Lab System is a dual-image intelligent system with built-in active backup and automatic workload balancing that serves as a single, smart workstation.

- Comprehensive sample quality monitoring; dual sample clot check and HIL indexes
- Onboard automation to reduce daily manual tasks to less than 10 minutes
- LOCI high-sensitivity immunoassays with best-in-class turnaround time, including 10-minute cardiac panel
- 1000 tests/hour with typical lab testing mix; complete cardiac panel in 10 minutes



Dimension Vista® 3000T Intelligent Lab System

The Dimension Vista 3000T Intelligent Lab System provides fast turnaround time with the ultra-integration of multiple best-in-class technologies for simultaneous processing capabilities.

- 332 reagent positions and 1200–1600 samples onboard for maximized walk-away time
- Hands-free automated quality control and calibration programs for easy daily start-up
- Customer-driven design for consolidated testing and ease of use
- 3000 tests/hour with typical test mix



Drug Testing and Monitoring



Viva-Jr® Drug Testing System

The Viva-Jr Drug Testing System is an easy-to-use benchtop analyzer that features full walk-away capabilities.

- 40 years of proven EMIT® performance in drug screening and serum toxicology
- Nine EMIT assays onboard, including five open channels
- Easy-to-use software with bi-directional interface and host query
- Up to 66 EMIT tests/hour; 25-sample onboard capacity



V-Twin® Drug Testing System

The V-Twin Drug Testing System, with dual Viva-E Systems, incorporates a mirror-image design for optimum performance and productivity.

- Over 30 assays for drugs-of-abuse, validity, therapeutic, and immunosuppressive drug monitoring
- 24 EMIT tests and 10 open channels onboard for extended walk-away time
- Easy-to-use, low maintenance, positive patient ID
- Up to 260 EMIT tests/hour; 80-sample onboard capacity

Viva-E® Drug Testing System

The Viva-E Drug Testing System combines a complete menu of drugs-of-abuse testing, therapeutic and immunosuppressive drug monitoring, and sample validity testing.

- Gold-standard EMIT drug testing performance
- 12 EMIT assays onboard with five open channels; four immunosuppressive drug assays
- Results in as little as 10 minutes, with true random-access capability
- Up to 130 EMIT tests/hour; 51-sample onboard capacity



“Siemens is one of our most valued business partners. They provide dependable, high-quality drug testing products, which translates into exceptional service for our customers.”

Bill Gibbs
President and CEO
NorChem Laboratories
Flagstaff, Arizona, USA

better manage diabetes patients with
clinically proven, trusted,
point-of-care technology



Diabetes



DCA Vantage® Analyzer

The DCA Vantage Analyzer is an immunoassay system for diabetes management that delivers lab-quality performance and drives patient compliance at the point of care.

- Quantitative point-of-care HbA1c and Albumin-to-Creatinine ratio results
- Small whole blood sample size—only 1 μ L for HbA1c
- Simple and efficient operation; no sample or reagent preparation needed
- HbA1c result in 6 minutes; A:C ratio result in 7 minutes

“The DCA Vantage Analyzer helps in the diagnosis of diabetes and any problems with high blood sugars or illness such as diabetic ketoacidosis. We wouldn’t be without it and are delighted to have it.”

Gillian Rooney
Ward Sister and Diabetes Specialist
Frimley Park Hospital
Surrey, England

practical automation
for accurate and reliable
results on the first pass



Hematology



ADVIA® 120 Hematology System

The ADVIA 120 Hematology System utilizes proven flow cytometry technology and two-dimensional platelet analysis for complete confidence in result quality.

- Random-access selectivity controls to reduce reagent waste
- Optional multi-species software for the veterinary marketplace
- RBC differential and morphology standardization, with automated review of blood cells
- 120 CBC/Diff samples/hour; rack-based, 150-sample capacity

ADVIA® 2120i Hematology System with Autoslide

The ADVIA 2120i Hematology System provides built-in automation capabilities for maximum productivity, from start to finish.

- Comprehensive, useful clinical parameters with no manual steps required
- Superior platelet, red cell, and white cell differentiation
- Customized ranges, morphology flags, and demographic information with ADVIA Autoslide System
- Up to 96 slides/hour with optional integrated ADVIA Autoslide System



breadth and depth

of systems and reagents to **power up**
hemostasis labs



Hemostasis



BFT™ II System

The BFT II System is a semi-automated, opto-mechanical coagulation analyzer that accurately detects lipemic and icteric sample results.

- Easy-to-use, dual-channel analyzer for simultaneous determinations
- Increased sensitivity with automatic zero adjustment and magnetic stir bar technology
- Reduced risk of user error, with light-protection cap and onboard printer
- 60 PT or 30 APTT tests/hour

Sysmex® CA-500 Series Systems

The Sysmex CA-500 Series Systems are compact, fully automated coagulation analyzers that offer a variety of configurations for clotting, chromogenic, and immunologic methods.

- Five random-access assays; continuous sample loading
- Broad routine test menu; heparin anti-Xa and other specialty assays
- Smallest footprint in its class—ideal backup analyzer
- 54 PT or 43 simultaneous PT/APTT/Fibrinogen tests/hour





Sysmex® CA-1500 System

The Sysmex CA-1500 System is a fully automated coagulation analyzer that simultaneously performs clotting, chromogenic, and immunologic assays.

- User-defined, built-in auto-repeat, redilution, and reflex testing for increased technician productivity
- Optional cap-piercing system for reduced risk of biohazard exposure
- Bar-coded patient samples and reagents for positive STAT ID
- 120 PT or 80 simultaneous PT/APTT tests/hour



BCS® XP System

The BCS XP System is a high-speed, auto-start, random-access analyzer offering clotting, chromogenic, immunologic, and aggregation-based assays for both routine and specialty testing in an economical footprint.

- Up to 10 calibration curves per assay; easy maintenance; onboard QC package
- User-defined specialty testing menu to meet individual laboratory needs
- The only automated Endogenous Thrombin Potential (ETP)* test on the market
- Up to 380 tests/hour

*For research use only.

Sysmex® CS-2000i System*

The Sysmex CS-2000i System utilizes simultaneous multi-wavelength PSI technology to identify and automatically manage potentially problematic test samples prior to analysis.

- Automated pre-analytical sample quality checks, including HIL interference
- Four measurement principles for broad reaction analyses testing
- Simultaneous multi-wavelength analysis
- Approximately 180 simultaneous routine tests/hour

*Not available for sale in the U.S.



Sysmex® CA-7000 System

The Sysmex CA-7000 System features rapid workflow processing, simultaneously performing clotting, chromogenic, and immunologic assays in a fully automated analyzer.

- Automatic volume calculation for accurate, fast results
- Reliable, second-generation cap-piercing for reduced pre-analytical process time
- Connectivity to StreamLAB® Analytical Workcell for a total automation solution
- High throughput—500 simultaneous PT/APTT tests/hour; results every 7 seconds





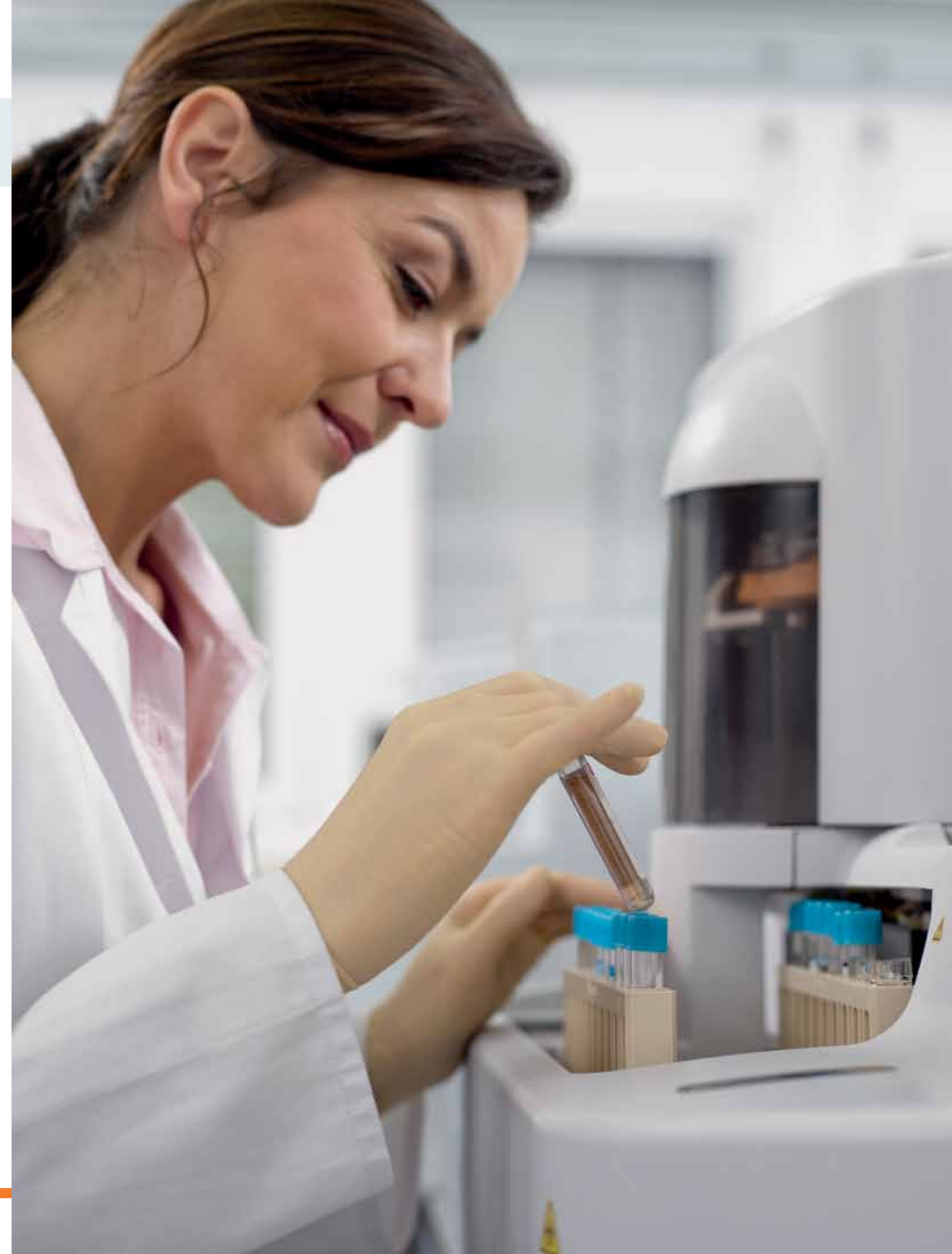
PFA-100® System

The PFA-100 System delivers the unique power of a high-shear flow system to platelet function testing under physiological hemodynamic conditions.

- Simple, three-step procedure for accurate detection of VWF-dependent platelet dysfunction
- Detection of platelet dysfunction in citrated human whole blood
- Self-contained, fully disposable, single-unit test cartridges
- Results in as little as 5–8 minutes

“The BCS XP System provides efficient consolidation of routine and specialty testing. This solution, combined with Siemens’ other high-quality systems and assays, and quick, reliable service, provides the foundation for a successful partnership.”

Dr. Udo Steigerwald
Central Lab Manager
University Hospital
Würzburg, Germany





comprehensive solutions
through next-generation,
fully automated ELISA testing

Infectious Disease



BEP 2000 Advance® System*

The BEP 2000 Advance System is an automated microtitration plate (MTP) system providing sample dilution to evaluation that handles 100 patient samples concurrently.

- Open system for automated microtitration plate analysis
- Broad infectious disease menu for automated ELISA with more than 90 tests*
- Unique bar-coding system for complete in-process control
- Up to 4 plates (360 results) per run

*Not available for sale in the U.S.

BEP® III System*

The BEP III System provides automated processing of microtitration plates and features a broad menu of infectious disease tests.

- 10 ELISA microtitration plates and 20 reagents onboard for increased walk-away time
- Continuous loading of microtitration plates for improved workflow for streamlined workflow
- Enzygnost® and Novagnost® families of assays*
- Up to 10 plates (900 results) per run

*Not available for sale in the U.S.





Quadriga BeFree™ System*

The Quadriga BeFree System delivers the next generation in ELISA automation in a dedicated, fully automated blood screening analyzer.

- Full blood screening menu, including Enzygnost® Anti-CMV/IgG + IgM*
- Primary tubes, sample processor, and robotic transport system
- Versatile system configurations for different volume needs
- Up to 1320 results in 5 hours, depending on configuration

*Not available for sale in the U.S.

“Our relationship with Siemens is unique, unusual, and unprecedented. We have never partnered with a vendor like Siemens. We know they will lead us into the future with a great deal of credibility and pride.”

Karen M. Armstrong, FACHE
Senior Vice President/CIO
Susquehanna Health System
Williamsport, Pennsylvania, USA



flexible and scalable options
to efficiently manage laboratory data



Information Technology

Laboratory Information Systems



Laboratory Information Systems

NOVIUS® Lab System*, TD-Synergy®** and Servolab® Laboratory Information Systems**, and Siemens OPENLink™ help laboratory professionals manage workflow and results.

- Turnaround time monitor notifies technologists if test result time will exceed physician's request
- User-defined work views and tools bring multiple information sources into a single view
- Automated sample tracking and autorelease of test results
- Easy and cost-effective interoperability of different laboratory systems with Siemens OPENLink

*Not available for sale outside the U.S.

**Not available for sale in the U.S.

Remote Monitoring Systems

RealTime Solutions™

RealTime Solutions integrates industry-leading IT and laboratory expertise in a secure, Internet-based remote monitoring service across the broad spectrum of Siemens platforms.

- Electronic transfer of instrument logs for rapid detection and resolution of problems—often before they occur
- Automated data transfers for more effective utilization and deployment of lab personnel
- Confidentiality of patient records maintained with compliant and secure systems
- Remote monitoring of instruments and online troubleshooting for quick resolution of issues



Information Technology

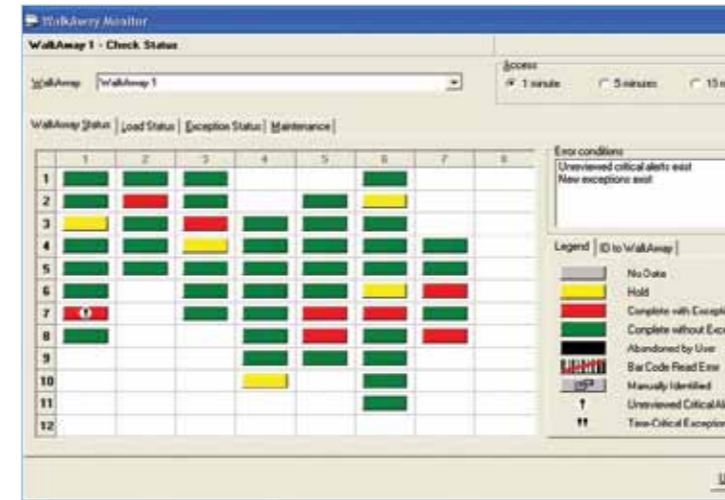
Productivity Systems



AD VIA CentraLink® Data Management System

The AD VIA CentraLink System consolidates and effectively manages laboratory information, results, and workflow.

- True consolidation of laboratory data for streamlined efficiency
- Auto-verification and enhanced QC applications for greater process efficiency and efficacy
- Consistent and accurate result reporting
- Up to 32 connections for AD VIA systems, plus connections for integrated chemistry, urinalysis, coagulation, and hematology



LabPro Information Manager

LabPro Information Manager expands microbiology data analysis and reporting capabilities.

- Alert resolution history for confirmation of atypical results
- Tailored programs with pre- and user-defined alerts
- User-definable comments for laboratory-specific corrected actions
- Customizable rules for susceptibility interpretations and organism identifications

EasyLink™ Data Management System

The EasyLink System connects multiple instruments to an LIS, consolidating patient information and QC data while providing real-time access to data.

- Powerful, web-based quality control tools for improved laboratory efficiency
- Multi-system, multi-discipline, consolidated data management for improved workflow
- Streamlined patient and QC data for optimal management of patient results
- Satellite integration, with lab data accessed across multiple hospital networks



Patient Identification Check*

Patient Identification Check reduces the need to redraw specimens, avoiding potential errors.

- Specimen bar code scanning of patient identity data
- Bedside label printing
- Wireless communication of specimen collection time and collector name for reduced turnaround time
- Direct transfer of data to the LIS for a more streamlined workflow

*Not available for sale outside the U.S.



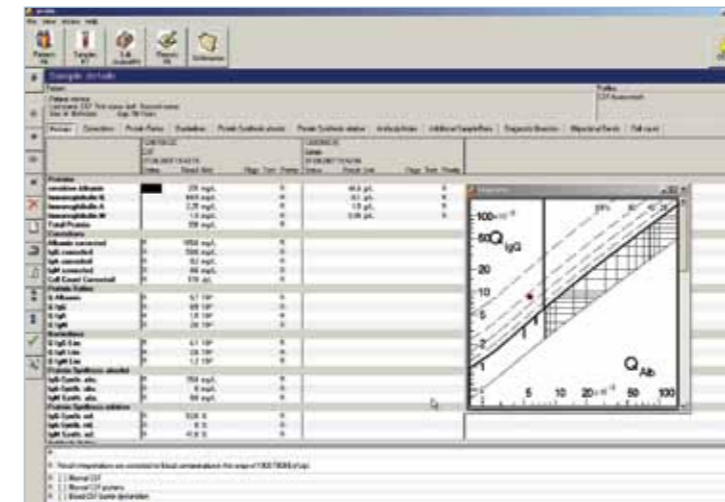
Decision Support Systems



RAPIDComm® Data Management and Connectivity Solution

The RAPIDComm Data Management and Connectivity Solution connects multiple Siemens blood gas and urinalysis systems to an LIS or HIS through a single interface.

- Standardized test protocols and operator authorization for improved quality control
- Remote monitoring, maintenance scheduling, and real-time troubleshooting for maximized analyzer uptime
- Customized regulatory reports for reduced manual data handling and streamlined billing
- Single interface to an LIS or HIS with multiple Siemens blood gas and urinalysis systems



Decision Support Systems*

PRISCA System, PRISCAConnect, and PROTIS® Systems combine test results and LIS information into single patient assessments.

- Specific testing protocols supported
- Flexible and customizable reporting options
- Broad range of assessment modules
- Result consolidation for better data management

*Not available for sale in the U.S.

eCommerce Services

SpecTRACK® System

The SpecTRACK System provides archiving with access to the complete history of each specimen and tracks all entries, including timestamps, user initials, and actual movement of specimens.

- Quick, efficient, lab-wide solution for storing, retrieving, and locating specimens
- Automatic backup onto hard drive or designated network location
- Integrated with current computer system, existing bar codes, and bar code reader
- Stand-alone module or in multiple locations on the same network



eCommerce Services

eCommerce Services simplify account management and ordering for all your diagnostic laboratory needs.

- Multiple options for electronic order processing
- No duplicate order entry for increased efficiency and time savings
- Invoice reconciliation for improved efficiency
- Always available—24 hours/day, seven days/week



providing **accurate results** and
identifying resistance
that others may miss



Microbiology



MicroScan® autoSCAN®-4 System

The autoSCAN-4 System is a hallmark of reliability that processes panels in seconds, simplifying ID/AST testing and standardizing results.

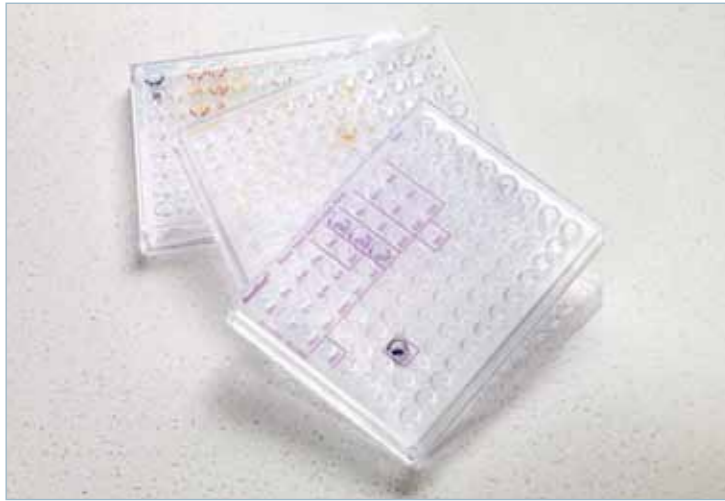
- Simplified testing process, with individual reading, quantification, and interpretation of results on conventional overnight panels
- Streamlined workflow, with automated processing to assure consistency of results
- Excellent supplemental system for difficult organisms such as MRSA and drug-resistant gram-negative bacilli
- 7 seconds to panel results

MicroScan® WalkAway® plus System

The MicroScan WalkAway plus System continues a 30-year tradition of quality and innovation to keep laboratory staff at the forefront of identification and susceptibility testing.

- Intelligent automation features for improved efficiency and reduced maintenance
- Low-fluid maintenance notification with integrated level sensors
- Integrated, automated testing of conventional, rapid, and specialty panel tests
- Fast IDs with results in as little as 2 hours with Synergies plus® panels





MicroScan® Panel Technologies

MicroScan Conventional Overnight and Synergies *plus*® panel results are derived through interpretation of actual organism growth, not through an extrapolation of past behavior.

- Long dilution ranges of key antibiotics for detection of emerging resistance
- Visual confirmation of atypical results for complete confidence
- Comprehensive menu with more than 60 combo, MIC-only, or ID-only ID/AST tests
- Over 90% MRSA detection in 6.5 hours from culture with Synergies *plus* panels

“The MicroScan WalkAway has provided us both the means to optimize our workflow, as well as the tools to ensure the highest quality results.”

Merry Mariano, MT(ASCP)
Microbiology Manager
Memphis Pathology Laboratory
Memphis, Tennessee, USA



advancing **personalized medicine**
through **early detection** of major infectious
diseases and monitoring of treatment efficacy



Molecular



OpenGene® DNA Sequencing System

The OpenGene DNA Sequencing System integrates hardware, software, and chemistry for viral resistance and genotype sequencing.

- Independent algorithm validation of TRUGENE HIV-1 guidelines by a panel of HIV experts, updated and cleared annually by FDA
- Interpretative algorithmic software for clinical relevance of HIV mutations, identifying resistance to specific types of antiretroviral drugs
- Bidirectional sequence data for codons in the protease and reverse transcriptase regions of the viral genome with TRUGENE HIV-1
- One MAC OS® X Operating System to control the function of up to eight TRUGENE long-read towers

VERSANT® 440 Molecular System

The VERSANT 440 Molecular System is a single-operator, viral load platform that minimizes operator intervention.

- Proven, easy-to-use viral load monitoring with no extraction needed
- Single-room bDNA technology for streamlined workflow; no clean room necessary
- Benchmarked accuracy and precision for IDD menu, including HIV and HCV (CE-marked for HBV*)
- 12–168 samples/run

*For research use only in the U.S.





VERSANT® HCV Genotype 2.0 Products (LiPA)*

VERSANT HCV Genotype 2.0 Products (LiPA) improve accuracy in identification of HCV genotype and subtype data.

- Easy-to-use, with a simple, complete, one-step RT-PCR kit compatible with commonly available thermocyclers
- Identification of all six genotypes and more than 19 different subtypes; the only commercially available assay detecting 6 (c-I)
- Automated strip for interpretation for minimized chance of operator error
- LiPA automation with multiple throughput options: Up to 48 strips with Auto-LiPA 48; up to 20 tests with the AutoBlot 3000H

*For research use only in the U.S.



VERSANT® kPCR Sample Prep

The VERSANT kPCR Sample Prep provides a single system for DNA/RNA extraction supporting multiple applications.

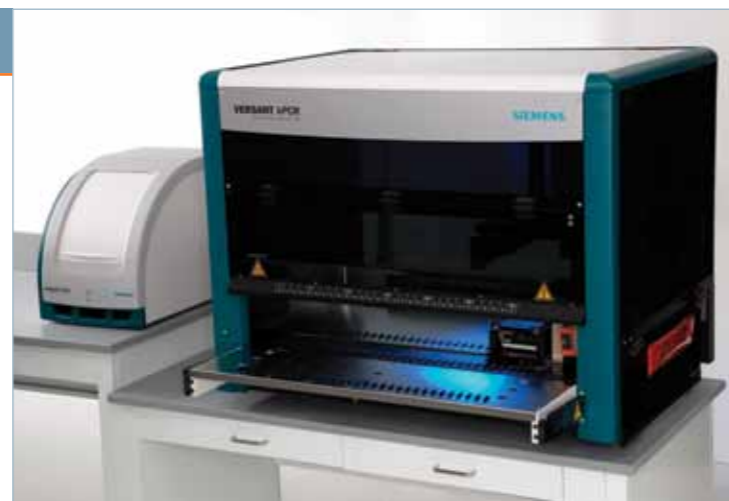
- One platform and a single reagent set for different sample types and workloads
- Target amplification by a variety of molecular technologies, including sequencing, PCR, kinetic PCR, SNPs (Single Nucleotide Polymorphisms), and line probe hybridization
- Fast, easy setup and walk-away operation
- Up to 96 extractions run in under 3 hours

VERSANT® kPCR Molecular System*

The VERSANT kPCR Molecular System provides kinetic PCR testing with flexible sample-handling coupled with proprietary technology for true molecular testing versatility.

- Universal extraction protocol for a wide range of sample types
- Proprietary extraction technology and assay design
- Primary-tube sampling on a variety of tube sizes
- Up to 96 samples/run; turnaround time in less than 6 hours

*Not available for sale in the U.S.



“Siemens and the TOGAtainer lab, together, provide more than just a test result in the most deserted and difficult areas of Africa. This turnkey lab gives hope to those with HIV.”

Dr. Hugo A. Tempelman
 Founder, Ndlovu and Bhubezi
 Community Healthcare Centres
 South Africa

broadest plasma protein test menu in the industry, offering uncompromising performance



Nephelometry

BN ProSpec® System



The BN ProSpec System is a dedicated, compact platform that offers a consolidated menu of specialty and routine reagents for reliable plasma protein testing.

- Proven nephelometric technology and minimized sample preparation for increased confidence in results
- Broad menu of over 64 assay protocols, including Cystatin C and Carbohydrate-Deficient Transferrin (CDT)*
- Post-analytical support for better patient management*
- Average effective throughput of 65 tests/hour

*Not available for sale in the U.S.

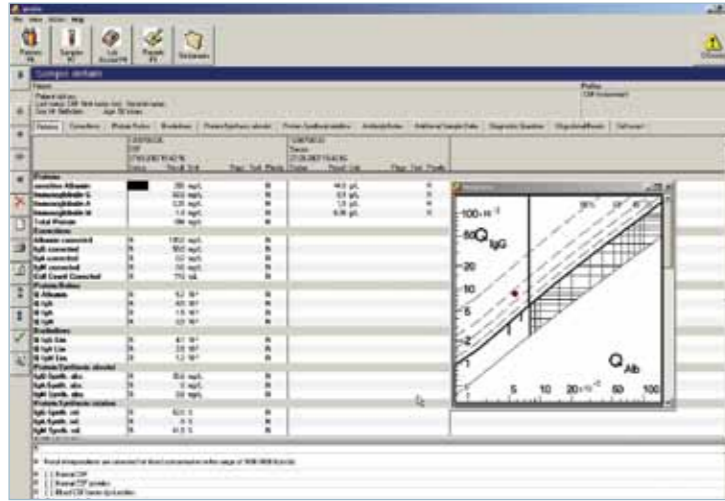
BN™ II System

The BN II System is a fully automated protein analyzer that features high-flexibility, continuous loading, and best-in-class service and support.

- Optimal reagent and system alignment for more efficient determination of proteins
- Bar code identification of primary sample tubes, standards, controls, and reagents
- Comprehensive menu of over 64 assays for routine and specialty testing, including fully automated CDT
- Average effective throughput of 130 tests/hour



Nephelometry



Protis® Result Interpretation Software*

Protis Result Interpretation Software consolidates individual test results into one complete assessment report to better support clinician.

- Consolidated results for better data management
- Online data transfer capability with a variety of analyzers and LIS
- Customized integration based on specific laboratory needs
- Broad range of assessment modules

*Not available for sale in the U.S.

“Siemens’ nephelometry systems are a perfect addition to the ADVIA 1800 Chemistry Systems in my laboratory. In particular, iron metabolism parameters like ferritin and transferrin are processed with high precision and high quality.”

Dr. Lothar Volbracht
Manager, Central Lab
University Hospital
Essen, Germany



highly effective tools for
broad clinical insight
into patients' health



Urinalysis



CLINITEK Advantus® Analyzer

The CLINITEK Advantus Analyzer is one of the most widely used, semi-automated urine chemistry analyzers.

- Consistent, reliable results, with one-touch switching between test strip configurations
- Automatic prompts and test lock-out if QC is not run for improved quality control
- Automatically read, interpreted, and documented Multistix® test strip results
- Throughput of 7 seconds/sample; up to 500 tests/hour

CLINITEK Atlas® Analyzer

The CLINITEK Atlas Analyzer is a fully automated, benchtop instrument using Siemens' proven technology in dry-pad urine chemistry analysis.

- Unique, continuous reagent roll for simplified loading and reduced interruptions
- Modular design for compatibility with laboratory automation systems
- Built-in liquid level sensing for simplified sample preparation
- Up to 225 samples/hour; 490 tests onboard simultaneously





CLINITEK® AUWi™ System

The CLINITEK AUWi Automated Urinalysis System integrates urinalysis testing for complete walk-away capability.

- Two great systems—CLINITEK Atlas and Sysmex® UF-1000i™ Urine Cell Analyzer—on one platform
- Load-and-go processing, no centrifugation, and reduced off-line dilutions for minimized sample handling
- Robust sediment classification technology for enhanced clinical results
- Up to 80 tests/hour; 100-sample onboard capacity



CLINITEK Status®+ Analyzer

The CLINITEK Status+ Analyzer combines innovative point-of-care testing with improved data integrity for enhanced clinical information.

- Improved data integrity with automatic checks (Auto-Checks) on every test
- Automated testing and result recording with no manual transcription for reduced error potential
- Broadest portfolio: Multistix® family, kidney disease portfolio, and hCG testing
- Future ready—easily connects to EMR or data management systems

CLINITEK Status® Analyzer

The CLINITEK Status Analyzer streamlines the urinalysis testing process, eliminating the subjectivity of color interpretation.

- Automatically timed, interpreted, and recorded test results for reduced errors
- Semi-quantitative results for frontline testing in the point-of-care environment
- Reagent strips available for diabetes, kidney disease, and urinary tract infections
- Test results in approximately 1 minute for in-office treatment



CLINITEK Status® Connect System

The CLINITEK Status Connect System provides flexible connectivity, data integration, and operational control to reduce risk in point-of-care environments.

- Advanced operational control and operator management to prevent unauthorized access
- Automatic test lock-out if QC fails for enhanced quality control
- Optional bar code capability for accurate entry of patient and operator information
- Flexible connectivity options for data integration into EMR/DMS/LIS/HIS



Urinalysis



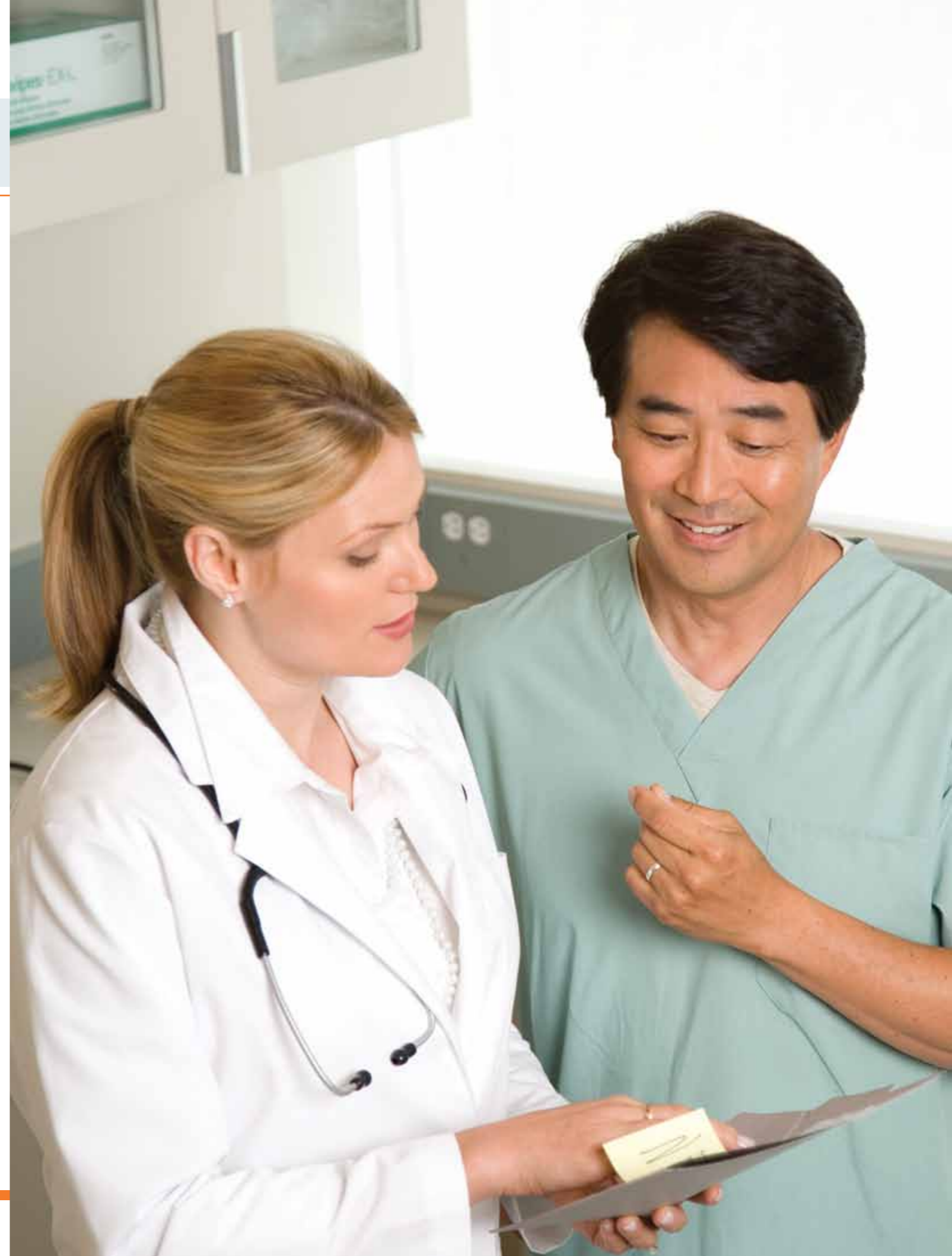
CLINITEK® and Multistix® Reagent Strips

CLINITEK and Multistix Reagent Strips are reliable frontline tests for detection of a broad range of conditions, from UTI to diabetes and kidney disease.

- Consistent manufacturing quality and packaging for reliable and reproducible results
- More than 50 years' experience as the recognized leading brand in urinalysis testing
- Comprehensive product offering to better meet diverse testing needs
- Simple, easy, and fast results in 60 seconds when used with Siemens urinalysis analyzers

“The CLINITEK Status Analyzers are robust, easy-to-use, and reliable, and provide the audit trails that are so important in today’s healthcare setting.”

Lynda Petley
Point of Care Manager
Partnership Pathology Services
Surrey, England



simplify workflow, resolve technical issues, and provide educational and training opportunities



Customer Care

Services and Support



Siemens provides customers with the technical expertise and guidance they need 24 hours a day, seven days a week by providing flexible solution—online, on-site, and over the phone helping to keep labs up and running at peak efficiency.

- Award-winning customer service
- Innovative technologies for accurate assessment of laboratory workflow
- Remote instrument management of proactive maintenance before workflow is impacted*
- Resolution of over 80% of all customer issues without dispatch of field support teams

*Not available on all systems.

Workflow Management

Siemens' team of workflow management professionals offers consultation and practical solutions to optimize lab processes while delivering improvements in productivity and efficiency.

- Personalized workflow assessment and customized solutions for every lab
- Consultants highly qualified in LEAN process assessments
- In-depth laboratory workflow analysis for laboratory process optimization
- Data-driven analysis yields customized solutions



Customer Care



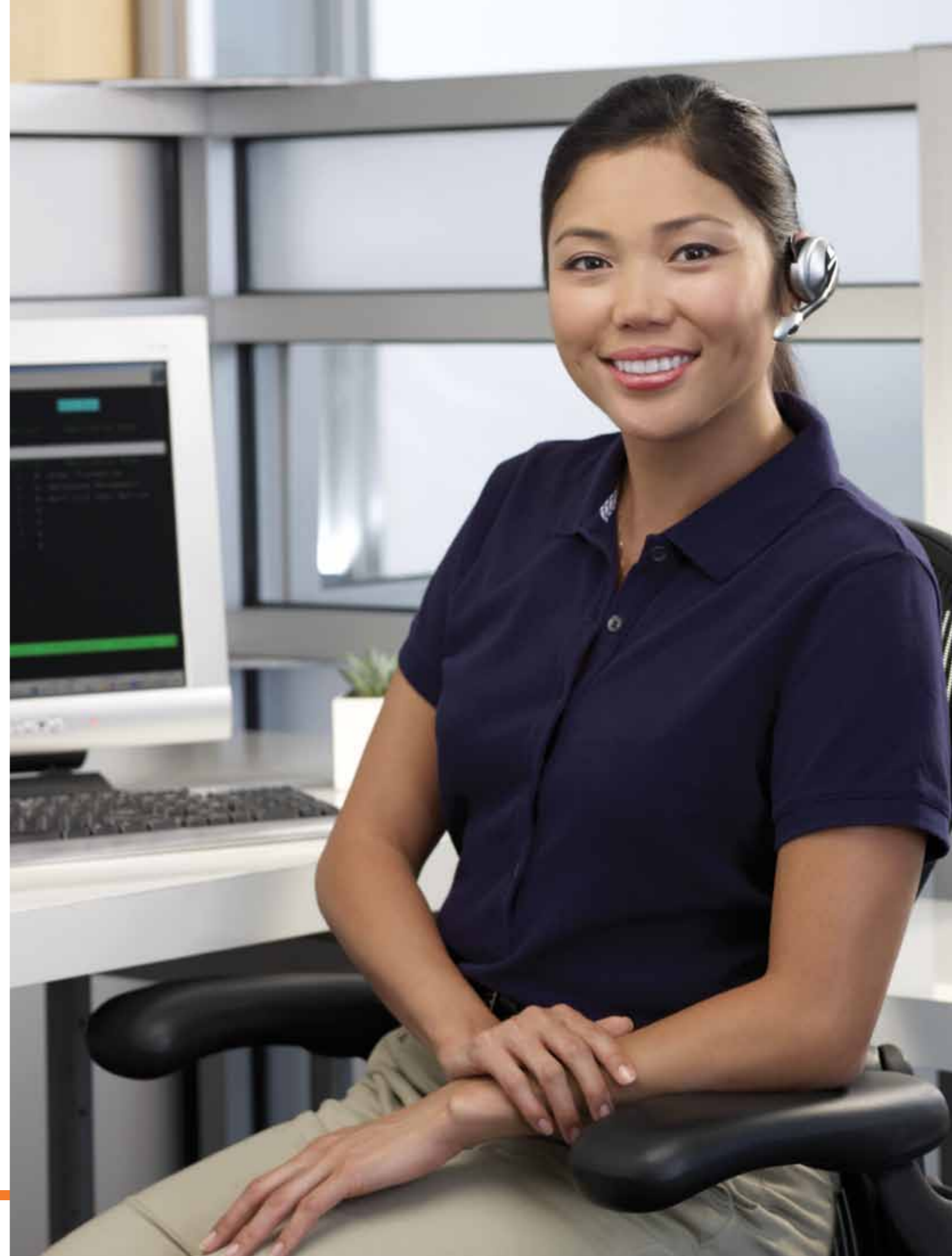
Education and Training

Siemens offers unparalleled educational opportunities and training excellence that keeps laboratory staff up-to-date on product information and key trends in disease state management.

- World leader in eLearning—50,000 customers and 520,000 contact hours since 2002
- More than 700,000 learning events annually
- Accredited courses, including recent developments and input from key opinion leaders
- Over 52,000 client training days/year in traditional classroom settings

“As the Laboratory Medical Director of an acute care hospital, I am continually impressed by the level of experience, knowledge, and dedication of the people who support our products. Siemens is clearly committed to making sure we are up and running 24/7.”

Paul A. Walker, MD
Director of Laboratories
Nyack Hospital
Nyack, New York, USA



Siemens Healthcare Diagnostics, the leading clinical diagnostics company, is committed to providing clinicians with the vital information they need for the accurate diagnosis, treatment and monitoring of patients. Our comprehensive portfolio of performance-driven systems, unmatched menu offering and IT solutions, in conjunction with highly responsive service, is designed to streamline workflow, enhance operational efficiency and support improved patient care.

Advance, ADVIA, ADVIA Centaur, ADVIA CentraLink, ADVIA WorkCell, ATHIS, autoSCAN, BCS, BEP, BEP 2000 Advance, BN, BN ProSpec, BFT, CLINITEK, CLINITEK Advantus, CLINITEK Atlas, CLINITEK Status, DCA Vantage, Dimension, Dimension Vista, EasyLink, EMIT, Enzygnost, ExL, Flex, IMMULITE, Labcell, LOCI, MicroScan, Multistix, Novagnost, NOVIUS, OpenGene, PROTIS, Quadriga BeFree, RAPID, RAPIDComm, RAPIDChem, RAPIDLab, RAPIDPoint, RealTime Solutions, RxL Max, StreamLAB, SpecTRACK, Stratus CS Acute Care, Synergies plus, TRUGENE, V-Twin, Viva-E, StreamLAB, VersaCell, V-Lyte, PFA-100, VERSANT, Viva-Jr, WalkAway, Xpand, and all associated marks are trademarks of Siemens Healthcare Diagnostics Inc. All other trademarks and brands are the property of their respective owners.

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MAC OS is a trademark of Apple Inc.

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Global Siemens Headquarters

Siemens AG
Wittelsbacherplatz 2
80333 Muenchen
Germany

Global Siemens Healthcare Headquarters

Siemens AG
Healthcare Sector
Henkestrasse 127
91052 Erlangen
Germany
Telephone: +49 9131 84 - 0
www.siemens.com/healthcare

Global Division

Siemens Healthcare Diagnostics Inc.
1717 Deerfield Road
Deerfield, IL 60015-0778
USA
www.siemens.com/diagnostics

www.siemens.com/diagnostics