

labinfotechsummit

LABORATORY INFORMATION
MANAGEMENT SOLUTIONS

WHERE IS PATHOLOGY INFORMATICS HEADED?



april 9-11, 2008
the venetian
las vegas, nevada

CONFERENCE HIGHLIGHTS

- Two pre-conference workshops focusing on lab middleware and pathology informatics training and education
- A faculty consisting of pathology informatics, clinical lab, and lab industry experts who will deliver 15 lectures and provide answers to your most challenging questions
- More than 40 exhibitors displaying their products in a single large room – the largest exhibition of its kind in the country
- Abundant time for interacting with faculty members and browsing the exhibitor ballroom
- Opening reception for networking with colleagues and getting an early look at the exhibitor displays
- Elegant conference space and room accommodations at one of the most highly regarded hotels in Las Vegas



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Faculty Powerpoint lectures will be posted on the following websites no later than April 15, 2008

Lab Soft News (www.labsoftnews.com)
Conference Web Site (www.labinfotech.org)

**Save the Date for LabInfotech 2009:
March 16-18, 2009**

welcome



Bruce A. Friedman, M.D.
Conference Director

Ulysses J. Balis, M.D.
Conference Co-Director

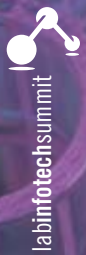
It is with great pleasure that we invite you to participate in the fifth annual Lab InfoTech Summit, a three-day conference focusing on information technology for the clinical laboratories and anatomic pathology that will take place in Las Vegas on April 9-11, 2008. Two optional workshops are offered on the first morning of the conference followed by the plenary conference. We anticipate having more than 40 exhibitors participating in the conference including many of the major *in-vitro* diagnostic companies with lab software products. The goal of the conference is to provide registrants with the latest information about how technology can increase the efficiency, productivity, and quality of every clinical laboratory.

Lab InfoTech Summit is sponsored by the Pathology Education Consortium (PEC), a non-profit company specializing in pathology educational activities. One of the conference co-sponsors, the Center for Pathology Informatics, University of Pittsburgh, sponsors a companion meeting to Lab InfoTech Summit called APiII that will take place on October 19-22, 2008, in Pittsburgh.

You may want to point your browser throughout the year to Lab Soft News (www.labssoftnews.com), the companion blog to Lab InfoTech Summit. It provides daily coverage not only of lab software issues but the clinical lab industry and broader healthcare issues as well. New blog notes will periodically be posted that provide a preview of topics to be addressed at this conference.

We feel confident that you will find our faculty, topics, and broad range of exhibitors of great interest and that you will come away from the conference with ideas and solutions that you can use in your own labs.

conference schedule



4/9 WEDNESDAY AM (Parallel Workshops)

Workshop A

Although “middleware” may be difficult to define, its value for lab professionals is becoming increasingly apparent. This workshop will be presented by three laboratory professionals who have had extensive experience developing and deploying middleware to improve the efficiency and effectiveness of their own clinical laboratories. Each of the speakers will present two or three case studies illustrating common lab problems, the type of middleware that was selected to solve the problem, and evidence that their software solution was successful. A more detailed description of this workshop agenda and schedule will be distributed to registrants in the workshop syllabus.

Faculty: Jay B. Jones, Ph.D.
Curtis A. Hanson, M.D.
Johan Mouton, M.D.

Schedule: 9:00 – 12:00
with a 20-minute networking
and refreshment break.

Workshop B

This workshop will explore training and education issues relating to pathology informatics in both healthcare delivery and training settings. The program will consist of short presentations by the faculty members discussing current training and teaching opportunities in the field. Workshop registrants will then work together in focus groups to develop outlines of informatics education and training requirements for medical technologists, pathology residents and fellows, practicing pathologists, and other allied health professionals. These focus groups will also critique existing programs and explore opportunities for their improvement.

Faculty: Walter H. Henricks, M.D.
Candace Golightly, M.A., MLT
(ASCP)
J. Mark Tuthill, M.D.

Schedule: 9:00 – 12:00
with a 20-minute networking
and refreshment break.

12:00 Box luncheon for workshop registrants

4/9 WEDNESDAY PM

11:00 Plenary Conference Registration

CAP TODAY SESSION

The Changing Face of Pathology Informatics

1:30 Greetings and Conference Goals

Bruce A. Friedman, M.D.

1:35 Moderator Introduction

Robert McGonnagle

1:40 A Roadmap for the Evolution of the Digital Pathology Department

Michael J. Becich, M.D., Ph.D.

2:25 The Critical Role of Algorithms in the Interpretation of Multiplexed Biomarker Panels

Steven T. C. Wong, Ph.D.

3:20 Refreshments and Networking

3:45 Pathology Informatics as a Key Element in New Healthcare Delivery Models

Bruce A. Friedman, M.D.

4:30 Anatomic Pathology Middleware: A Pathway to the Merger of AP with CP

Ulysses J. Balis, M.D.

5:15 Q and A Panel

5:30 Adjournment

5:30- Wine and Cheese Reception

7:30 Sponsored by the Corporate Underwriters and Platinum Exhibitors

4/10 THURSDAY AM

7:30 Continental Breakfast

AACC SESSION

Lab Software as a Component of the Healthcare Industry

8:30 Moderator Introduction

Barbara M. Goldsmith, Ph.D.

8:35 Health 2.0: Coming Soon to a Lab Near You

Scott L. Shreeve, M.D.

9:10 Exhibitor Displays, Refreshments, and Networking

10:10 Ensuring Your LIS's Future: Strategies and Tactics

Hal Weiner

Dennis Winsten

10:50 Q and A Panel

11:00 Executive Officer Panel Discussion:

Evolution of the Clinical Lab Software Industry on a Five-Year Horizon

Dave Hickey

Vice President,

Strategic Marketing and Planning

Siemens Medical Solutions Diagnostics

Tarrytown, New York

Arthur Houck, M.D.

Director, Laboratory Solutions Development

Cerner

Kansas City, MO

Paul Lepage

President and CEO

MediSolution

Quebec, Montreal, Canada

Mark L. Spencer

Vice President and General Manager

Laboratory Solutions

McKesson

Alpharetta, Georgia

12:00 Lunch and Exhibitor Displays

4/10 THURSDAY PM

CLMA SESSION

New Perspectives on Pathology Informatics

- 1:30 Moderator Introduction**
JoAnne Milbourn, M.S.H.A., MT
(ASCP)
- 1:35 The Clinical Labs as a Knowledge
Hub: Technical, Political, and
Service Considerations**
Anand S. Dighe, M.D., Ph.D.
- 2:20 Pathology and Public Health:
A View of the Informatics Intersection**
Raymond D. Aller, M.D.
- 3:05 Exhibitor Displays, Refreshments,
and Networking**
- 4:05 An LIS-Based System to Manage a
Tight Glycemic Control Program
for Hospitalized Patients**
Michael D. Blechner, M.D.
- 4:50 Q and A Panel**
- 5:00 Adjournment**

PARALLEL OPTIONAL SESSION

The Web as a Teaching and Communication Tool

- 4:05 Continuing Evolution of a
Corporate Educational Lab Portal**
Steve Still
- 4:35 The Nitty Gritty of Knocking Out
a Daily Lab Industry Blog**
Bruce A. Friedman, M.D.

4/11 FRIDAY AM

7:30 Continental Breakfast

API SESSION

Systems Architecture, New Science,
and Collaboration

- 8:25 Moderator Introduction**
Michael McNeely, M.D.
- 8:30 The Value of a Federated Architecture
in Pathology: Test Order Entry**
Ulysses J. Balis, M.D.
- 9:10 The Value of a Federated Architecture
in Pathology: Test Result Reporting**
Mark J. Routbort, M.D., Ph.D.
- 9:50 Exhibitor Displays, Refreshments,
and Networking**
- 10:30 Aligning Surgical Pathology and
Informatics to Promote Patient Safety**
Jeffrey L. Myers, M.D.
- 11:10 Changing Strategies for Interrogating
Tissue Specimens: A “Systems
Pathology” Primer**
Jose Costa, M.D.
- 11:50 Q and A Panel; Conference Summary**
- 12:00 Conference Adjournment**



Raymond D. Aller, M.D.
*Director, Automated Disease Surveillance Section
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Dr. Aller focuses on practical approaches to clinical systems, change leadership, clinical vocabularies, and integration of disparate systems, and has guided the evolution of medical and laboratory information systems for over three decades. A graduate of UCLA, Harvard Medical School, with laboratory medicine/pathology training at UCSF, he is Fellow of CAP, HIMSS, the American College of Medical Informatics, and Honorary Fellow of the Association for Pathology Informatics. He has taught at many national meetings, and published dozens of articles, particularly in CAP Today. He is an active contributor to LOINC, SNOMED, and the evolution of several leading laboratory information systems. After many years of clinical pathology/clinical informatics practice, several years ago he shifted his focus to public health, first as Director of Bioterrorism Preparedness and Response, more recently directing the Automated Disease Surveillance Section of Los Angeles County Public Health. LACDPH protects the health of 10 million people, preparing for both naturally occurring outbreaks and malicious (bioterrorist)

emergencies. Key to this is the standards-based, secure integration of healthcare information systems across the continuum, including ambulatory, hospital, and public health agencies. ■



Ulysses J. Balis, M.D.
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Director, Division of Informatics
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Ulysses J. Balis, who currently serves as Division Director of Clinical Pathology Informatics at the University of Michigan Health System, is a practicing medical informatician and computer engineer. He participated with the early DICOM Standards community, where he was a catalyst in the creation of a true interoperability standard for Pathology Imaging, via the creation of an Image Object Definition (IOD) extension to the DICOM standard. Additionally, he has interest in medical lexicography development, with experience as a member of the SNOMED editorial board and as a co-investigator on the National Cancer Institutes Shared Pathology Informatics Network Project (SPIN), which has since that time evolved into the Ca-TIES project within the Cancer Bioinformat-

ics Grid (CaBIG) Project. He maintains active interests in software engineering for image search tools, human factors software engineering, and large distributed system design with focus on scalability and sustainability, and has particular interest in health information system architectures. Integration of forward-thinking tools, such as OpenEHR, is one of his priorities, with this initiative being facilitated by active collaboration with the Australian Medical Informatics Community, with the most recent interaction being the recent WCPIO7 World Congress on Pathology Informatics, which he co-hosted with the Health Informatics Society of Australasia, as a companion meeting to MedInfo 2007. ■



Michael J. Becich, M.D., Ph.D.
*Chairman, Department of Biomedical Informatics
Professor of Biomedical Informatics, Pathology, and
Information Science and Telecommunications
University of Pittsburgh School of Medicine
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Michael J. Becich, MD PhD, is a Professor of Biomedical Informatics and the founding Chair of a new Department of Biomedical Informatics at the University of Pittsburgh Medical School. He is also jointly appointed as Professor of Pathology as well as Information Sciences and Telecommunications. Dr. Becich holds

an MD and a PhD in Experimental Pathology from Northwestern University and his research interests are in cancer biology and biomedical informatics. His current research focuses on developing tools to couple clinical data (phenomics) to expression data derived from high throughput genomics and proteomics. This program focuses on creating data mining and data warehousing tools for data derived from DNA based microarrays, tissue microarrays, tissue bank information systems, clinical information systems and imaging repositories. He leads group of investigators at the University of Pittsburgh to participate in the Cancer Biomedical Informatics Grid and is co-director of the University of Pittsburgh Medical School's newly funded Clinical and Translational Science Institute. As part of this roadmap initiative, Dr. Becich has founded the Center for Clinical and Translational Informatics (CCTI). CCTI will be the home for clinical research informatics development in the areas of tissue banking, clinical trials, vocabulary/ontology services, data mining and data warehousing at the University of Pittsburgh Medical School. He is a member of 13 professional societies and has published over 140 papers that contribute to the mission of Biomedical Informatics as applied to Translational Medicine. Of note, Dr. Becich has hosted Advancing Practice, Instruction and Innovation through Informatics (APIII, see <http://apiii.upmc.edu>) a transformational scientific conference which is currently in its 12th year and has provided over 200 educational awards to trainees in informatics. ■

conference faculty



Michael D. Blechner, M.D.

*Assistant Professor, Department of Pathology and Laboratory Medicine
Director, Pathology Informatics
Director, Coagulation Laboratory
University of Kentucky Medical Center
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mdblec2@email.uky.edu*

Dr. Blechner is an Assistant Professor of Pathology and Laboratory Medicine and Director of Pathology Informatics as well as the Clinical Coagulation Laboratory at the University of Kentucky Medical Center. He completed his medical informatics fellowship training with the Decision Systems Group at Brigham & Women's Hospital in Boston, Massachusetts. Dr. Blechner's informatics research interests include the development of computerized decision support for the clinical laboratory and the integration of laboratory and clinical data to support hospital wide patient safety initiatives. Current work involves using data warehousing techniques to develop realtime, ad hoc reporting systems which integrate laboratory and clinical data. Additional areas of active research include the development of intelligent tutoring systems for medical training. Dr. Blechner is also heavily involved in the implementation and evaluation of the University of Kentucky EMR system. ■



Jose Costa, M.D., Ph.D.

*Professor of Pathology and Internal Medicine
Vice Chairman of Pathology
Department of Pathology
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jose.costa@yale.edu*

Jose Costa, MD is Professor of Pathology and Medicine at Yale University School of Medicine. A graduate of Barcelona Medical School, Dr. Costa trained in Anatomical Pathology at Colorado University (G.B. Pierce) and Washington University (P. Lacy; L.V. Ackerman). He went on to do research as a Fogarty International Fellow (1973) in the laboratory of A.S. Rabson at NCI where he stayed to eventually become the Anatomical pathology Branch Chief at the Clinical Center, NIH Bethesda, MD. Elected to a Chair in Pathology at the University of Lausanne (1982), he directed between 1983 and 1993 the Institut Universitaire de Patologie developing a program of advanced diagnostics and collaborating both with the ISREC and the Lausanne Branch of the Ludwig Institute. Dr. Costa joined the Yale faculty in 1993 as Vice Chairman of Pathology and from 1995 until January 2007, he also served as Deputy Director of the Yale Comprehensive Cancer Center. Since 1998 he has been a member of the NCI's Early Detection Research Network. His laboratory investigates the micro-evolutionary dynamics involved in tumor formation and tumor progression using both experimental and theoretical modeling at the systems level.

This work has identified novel and promising ways to detect early cancer and ways to follow the changes in tumors under therapy. Since July 2007 he has assumed the direction of the Translational Diagnostics Program in the Department of Pathology at Yale and is among the scientific founders of Aureon Laboratories (Yonkers, NY). ■

of Information Management, and is an Assistant Professor at Harvard Medical School. Dr. Dighe's research interests include the application of information technology to the laboratory testing process, from test ordering to test interpretation. Dr. Dighe was recently named as one of the Top 25 Innovators for 2006 in Health Imaging and IT Magazine. ■



Anand S. Dighe, M.D., Ph.D.

*Assistant Professor, Harvard Medical School
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Department of Pathology
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Anand Dighe received his undergraduate degree from the Massachusetts Institute of Technology and his M.D. and Ph.D. degrees from Washington University in St. Louis. He then spent 6 years in the information technology industry as a manager of a medical software company building electronic medical record software. Dr. Dighe completed Clinical Pathology residency training at the Massachusetts General Hospital. He currently serves at the Massachusetts General Hospital as Director of the Core Laboratory and Director



Bruce A. Friedman, M.D.

*Active Emeritus Professor
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Bruce A. Friedman, a native of Cleveland, Ohio, is a graduate of Williams College and the University of Michigan Medical School. Following a pathology internship at Yale-New Haven Hospital in New Haven, Connecticut, in 1966-1967, he returned to the University of Michigan Medical School for a residency in the Department of Pathology. After serving as a pathologist in the U.S Army Medical Corp, he returned to the University of Michigan Medical and was promoted to Professor of Pathology in 1980.

In 1982, Dr. Friedman was appointed the Director of Pathology Data Systems in the Department of Pathology and the University of Michigan Health System. In 1990, he coined the term “pathology informatics” in the medical literature, which is now widely used to refer to this subdiscipline of pathology and lab medicine. In 2001, he resigned from this directorship and returned to the Department of Pathology on a full-time basis in pathology informatics. In 2005, the Division of Pathology Informatics was created within the Department of Pathology and he was appointed the co-director of this new division.

He is the president of Pathology Education Consortium (PEC), a non-profit company founded by him in 2004, that develops conferences such as the Lab InfoTech Summit and teaching resources in pathology informatics. In 2006, he was honored by the Association for Pathology Informatics with its Honorary Fellow award for lifetime achievement in pathology informatics. In 2007, he also received a similar award at the First World Congress on Pathology Informatics held in Brisbane, Australia.

The author of some 90 scientific articles, book chapters, and abstracts, he also served for 21 years as the director of a continuing medical education symposium called Automated Information Management in the Clinical Laboratory (AIMCL). In 2004, this meeting was renamed Lab InfoTech Summit and moved to Las Vegas, Nevada, under the sponsorship of PEC. In December, 2005, he launched a professional laboratory blog called Lab Soft News (www.labsoftnews.com) which was the first of its kind in the area of the clinical laboratory and clinical laboratory software. ■



Barbara M. Goldsmith, Ph. D., FAGB

Dr. Goldsmith is the Vice President of Laboratory Services for Caritas Christi Health Care, a six hospital system in Boston, Massachusetts. She is also the Director of Laboratory Services of EXCELL/St. Elizabeth's Medical Center and Medical Director of Caritas Medical Laboratories. Dr. Goldsmith has held laboratory directorship and academic appointments in Washington DC, Philadelphia and Cincinnati, before moving to her current position in Boston. Dr. Goldsmith earned her Ph.D. from the Medical College of Virginia/Virginia Commonwealth University in Richmond. Dr. Goldsmith has held numerous positions in professional organizations such as AACC and CLSI and has held appointments on CDC and FDA Advisory Committees. Dr. Goldsmith's focus is in laboratory medicine in general and clinical chemistry in particular, with an emphasis on point-of-care testing. ■



Candace Golightly, M.A., MLT (ASCP)

*Clinical Assistant Professor
Vice Chair, Clinical Laboratory Sciences
School of Health Technology and Mgt.
Stony Brook University
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Professor Golightly Chair's the American Society for Clinical Pathology's Board of Registry for LIS Qualification Committee. Professor Candace Golightly is Vice Chair for the Department of Clinical Laboratory Sciences in the School of Health Technology and Management at Stony Brook University, NY. She is also program advisor for the Health Care Informatics's Bachelor of Science in Health Science where she teaches Health Care Informatics. She previously worked as a clinical laboratory scientist at Stony Brook University Hospital, Department of Immunology and part-time as a clinical laboratory scientist and laboratory information manager at J. T. Mather Hospital laboratory in Port Jefferson, NY. ■



Gilbert Hakim

*CEO of SCC Soft Computer (SCC)
Clearwater, Florida*

Driven to provide innovative and practical technological solutions to the allied health-care industry, Gilbert Hakim, CEO of SCC Soft Computer (SCC), Clearwater, Florida, founded the Company as a one-man operation in 1979 and focused on providing custom software programming to healthcare customers, primarily in the clinical laboratory. Over the years, as SCC has grown to a company of more than 1,000 employees worldwide, Mr. Hakim has been actively involved in all aspects of the Company and, through his intimate knowledge of advances in information technology and the needs of the hospital laboratory, provides the driving vision to ongoing product development. ■



Curtis A. Hanson, M.D.
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Dr. Curt Hanson is Professor of Laboratory Medicine and Pathology at the Mayo Clinic and is a board certified hematopathologist. Dr. Hanson did his pathology training at the University of Minnesota and started his career at the University of Michigan. He has been at the Mayo Clinic since 1993 where he has served as laboratory director of the general hematology and flow cytometry laboratories. Dr. Hanson previously served as Chair of the Department of Laboratory Medicine and Pathology at Mayo Clinic. His current academic interests are focused on risk factor analysis in chronic lymphocytic leukemia and translational laboratory activities as applied to the chronic myeloid malignancies. He has been actively involved in the application of middleware and decision analysis software in general hematology since the early 1990's. ■



Walter H. Henricks, M.D.
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Walter H. Henricks, M.D. is the medical director of the Center for Pathology Informatics at the Cleveland Clinic, where his team is responsible for administrative and technical aspects of pathology informatics and laboratory information systems. Dr. Henricks' interests include laboratory operations, management of pathology/laboratory data in the context of electronic medical records systems, the effective implementation of technology for laboratory information management, and laboratory accreditation. Dr. Henricks is a founding member and a Past-President of the Association for Pathology Informatics and is currently Vice-Chair of the Informatics Committee of the College of American Pathologists. Dr. Henricks' clinical service includes surgical pathology case sign out with subspecialty interest in gastrointestinal pathology, and sign out of protein electrophoresis and immunofixation in clinical pathology. ■



Dave Hickey
Vice President, Strategic Marketing and Planning
Siemens Medical Solutions Diagnostics
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Dave Hickey was appointed Senior Vice President Strategic Planning and Business Development of Siemens Medical Solutions Diagnostics in November 2007. Previously, he was Vice President, Immunology and Molecular for Bayer Diagnostics. He is responsible for Strategic Planning and Business Development, as well as the development and implementation of plans to integrate the in vivo and in vitro diagnostic solutions.

Mr. Hickey joined Bayer Diagnostics in 1992 as Product Manager, Clinical Chemistry. In 1996, he was appointed to Marketing Manager, Immunoassay and Clinical Chemistry. Mr. Hickey became Head of Sales and Marketing for Bayer's Near Patient Testing and Diabetes Care Divisions in the U.K. in 2000. When he was promoted to Vice President, Immunology and Molecular for Bayer Diagnostics in 2004, he assumed responsibility for the global strategic marketing of the immunology and molecular assays and instruments, including new product launch operations.

Prior to joining Bayer Diagnostics, Mr. Hickey served as a field product specialist for laboratory analyzers for American Monitor, Inc. He also provided sales and territory management for British Drug Houses (BDH), and was a clinical biochemist at a district general hospital in the UK, working in Chemical Pathology.

Mr. Hickey holds a B.S. in Clinical Biochemistry from University of Manchester. ■

Arthur Houck, M.D.
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Arthur Hauck, M.D., is director and physician executive for Cerner's laboratory enterprise. He joined Cerner in November 2002. In his role, Dr. Hauck is responsible for interacting with pathologists and laboratory leaders at client and potential client sites, conveying Cerner's mission and vision. Additionally, he works internally to guide the development of laboratory solutions and acts as a liaison between Cerner engineering and Cerner clients.

Prior to joining Cerner, Dr. Hauck was associate director of laboratories and medical director of information systems for ancillary departments at Loma Linda University Medical Center. He participated in the selection and implementation of clinically related computer systems and directed implementation of computer systems for all departments of the laboratory. Additionally Dr. Hauck was an associate professor of pathology at Loma Linda University School of Medicine, where he was responsible for medical student teaching in cardiovascular and

gynecologic pathology. In his role at Cerner, he remains active in teaching medical students.

Dr Hauck received his bachelor's and M.D. degrees from Loma Linda University. After completion of a residency in anatomic and clinical pathology, he served as chief of pathology at the U.S. Air Force Hospital in Wiesbaden, Germany. Following military service, he completed a fellowship in cardiovascular pathology at Mayo Clinic before returning to teaching and clinical practice at Loma Linda University Medical Center. ■



Jay B. Jones, Ph.D.

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Jay B. Jones received his Ph.D. degree from the George Washington University, Washington, D.C. in 1978 while performing research at the National Heart Institute in Bethesda, Maryland. After postdoctoral fellowships at the University of Southern California and the Georgetown University Hospital, Dr. Jones joined the Geisinger Clinic, now the Geisinger Health System in 1981.

Since 1984 Dr. Jones has directed the formation of the Geisinger Regional Laboratory now 45 separate CLIA office lab sites integrated on a Wide Area Network (WAN). Integrating automated core lab testing with decentralized point of care testing in a common laboratory and Electronic Health Record (EHR) database has contributed to a standardized and efficient regional infrastructure.

Integrating clinical laboratory information into larger clinical databases to perform data mining and clinical outcome studies is a growing interest of Dr. Jones. Dr. Jones has advocated client server networked solutions via "Middleware" for numerous clinical laboratory applications. ■



Michael McNeely, M.D.

*President, API
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Michael McNeely, President of the Association for Pathology Informatics, is the Medical Director of the Provincial Laboratory Information Solution (PLIS) and the Provincial Telepathology Project which are the laboratory components of British Columbia's evolving, population-wide eHealth Record. Over the past 35-years as

a lab director and Clinical Pathologist, Mike has led informatics developments, published and lectured widely in the areas of artificial intelligence, clinical decision support, data mining, chronic disease management, privacy, and medical informatics public policy. He has been President of the Canadian Association of Pathologists and has received service awards from that organization, the ASCP, and the World Association of Societies of Pathology. He lives in Victoria BC where his main devotion is his wife and also his children and five grandchildren. He enjoys painting, making music, cooking, and a variety of outdoors activities. ■

JoAnne Milbourn, M.S.H.A., MT (ASCP)

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JoAnne Milbourn has more than 30 years experience in healthcare within hospitals and integrated health systems, information technology organizations, commercial reference laboratories, and ambulatory and physician provider settings. She is currently working in the role of a Customer Program Executive for McKesson's Program Management Office, having previously worked with McKesson's Clinical Consulting Services group as an Engagement Manager and Ancillary Solutions Practice Leader. Ms. Milbourn has held previous positions as an internal laboratory consultant for a physician practice management company, manager of a hospital based laboratory provider organization and administrative director positions within hospital and commercial reference laboratories.

Her areas of expertise include:

- Project management of resources, tasks, risks and issues
- Change management and adoption strategies
- Clinical information technology systems integration
- Operations workflow improvement and process redesign
- Regulatory and compliance program development

Ms. Milbourn obtained her bachelor's degree in Medical Technology from Northern Illinois University and her master's degree in Health Services Administration from St. Joseph's College in Illinois. She is certified as a Project Management Professional (PMP) by the Project Management Institute.

She has been an active member of CLMA since 1989, currently serving as that association's President. Ms. Milbourn has previously served CLMA at the national level as a Board Member and Chair of the Council of Chapter Presidents (now Leaders). She served as Chapter President for the Middle Tennessee Chapter (now Volunteer State Chapter). ■



Johan Mouton, M.D.
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Dr. Johan W. Mouton is a consultant clinical microbiologist at the Canisius Wilhelmina Hospital in Nijmegen and has a specific interest in quality-control and process control in medical microbiology. He chairs the Dutch Committee of Antimicrobial Susceptibility Testing (CRG) and is a member of a number of committees involved in setting up guidelines, both national as well as international. His major areas of research include pharmacodynamics and anti-infective pharmacology. He has published over 190 papers in peer reviewed journals and over 300 abstracts at scientific meetings. ■



Jeffrey L. Myers, M.D.
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Dr. Myers is A. James French Professor of Diagnostic Pathology and Director of the Division of Anatomic Pathology at the University of Michigan Medical School. Prior to coming to Michigan Dr. Myers was a member of the Mayo Clinic staff where he served for nearly a decade as Chair of the Division of Anatomic Pathology. Throughout his career, Dr. Myers has held various institutional and national leadership positions, and was the first Chair of the Mayo Clinic Innovation Work Group, a group charged with maximizing success in leveraging opportunities for innovation in health care. He also served as Chair of the Clinical Practice Innovation-10 program, a program focused on providing resources for clinically oriented innovation projects. At Michigan he has worked closely with members of the College of Engineering to design new solutions for age-old problems in pathology practice. ■

Mark J. Routbort, M.D., Ph.D.
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Mark Routbort is a practicing hematopathologist and Director of Clinical Laboratory Informatics at the University of Texas MD Anderson Cancer Center in Houston, Texas.

Dr. Routbort received B.A./M.S. degrees in Chemistry and Molecular Biology from the University of Chicago in 1991. He joined the M.D./Ph.D. program at Duke University, completing his doctoral degree in Neurobiology and receiving his M.D. in 1999. He then remained at Duke to complete residency training in Anatomic and Clinical Pathology, followed by a Hematopathology fellowship.

Upon joining the faculty of MD Anderson Cancer Center as an Assistant Professor in 2004, Dr. Routbort has focused his informatics efforts on initiatives directed at improving pathologist and lab workflow, and on improving the generation, storage, reporting, and retrieval of pathology and laboratory data. He is a firm believer in development of open tools and standards to enhance interoperability and functionality between laboratory information systems and electronic medical record systems, and has published some of his tools in the open source setting (e.g., <http://sourceforge.net/projects/comparator>). He has twice received the award for best Scientific Session on Pathology Informatics at the AP III meeting, served as an officer of the Association for Pathology Informatics, and has served as an invited speaker on topics of pathology informatics both nationally and internationally. ■



Scott L. Shreeve, M.D.
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Dr. Shreeve is a board certified Emergency Medicine physician who has been actively involved in the design, development, and distribution of life science technologies that improve the delivery of care and enhance the quality of life. Dr. Shreeve was a co-founder of Medsphere Systems Corporation, the first open source electronic health record for the healthcare enterprise. After leaving the company, Dr. Shreeve helped to found the Health 2.0 technology and reform movement, serving as an advisor to the conference and writing extensively on the topic via his Crossover Healthcare blog which focuses on the enabling technologies that transform the delivery, financing, and outcomes of high performance health systems. Dr. Shreeve is currently an entrepreneur in residence with Lemhi Ventures focused on creating the next generation health plan and insurance model. Dr. Shreeve holds a B.S. degree in Zoology from Brigham Young University with a minor in Economics, is a graduate of the University of Utah School of Medicine, and completed his Emergency Medicine residency training at the University of Arizona Health Science Center. ■



Mark L. Spencer
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Mark Spencer is the vice president and general manager of Laboratory Solutions for McKesson Provider Technologies. In this role, Spencer provides executive oversight for product strategy, product management, product sales and marketing for McKesson's Horizon[®] Laboratory product line. Spencer has more than 20 years of experience in the healthcare product management, sales and marketing areas.

Previously he served as vice president of corporate marketing. In this capacity he was responsible for overseeing all marketing and communications activities for the healthcare information technology leader, including sales programs, sales support, sales education, marketing education, competitive analysis, executive briefings and other marketing services.

Prior to joining McKesson, Spencer spent 15 years of his career at Sunquest/Misys Healthcare, where he held various sales, marketing and product management positions. In his last role at Misys, he served as area vice president of sales for Central North America.

Spencer served seven years with the U.S. Air Force as a management engineer. He received a Bachelor of Science degree in management information systems from Park College, Parkville, Mo. He also has earned his Green Belt in Six Sigma at McKesson.

McKesson Provider Technologies is part of McKesson Corporation, a Fortune 18 healthcare services and information technology company. McKesson is dedicated to helping its customers deliver high-quality healthcare by reducing costs, streamlining processes and improving the quality and safety of patient care. Over the course of its 174 year history, McKesson has grown to provide pharmaceutical and medical-surgical supply management across the spectrum of care; healthcare information technology for hospitals, homecare and payors; hospital and retail pharmacy automation; and services for manufacturers and payors designed to improve outcomes for patients. For more information, visit www.mckesson.com. ■

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Steve Still earned the BSEE from Lawrence Institute of Technology, Southfield, MI and the MSEE from the University of Southern California, Los Angeles, CA. Steve has held the roles of Technical Director of radar systems at Hughes Aircraft Company and Product Manager of biometric identification systems at Motorola-Printrak. Steve currently is the Senior Product Manager of quality control software, connectivity, and web-based products at Bio-Rad Laboratories, Quality Systems Division, Irvine, CA. ■



J. Mark Tuthill, M.D.
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J. Mark Tuthill, MD, completed his pathology residency and informatics fellowship training at the University of Vermont College of Medicine-Fletcher Allen Health Care, where he

worked to create and direct that department's division of pathology informatics. Currently, Dr. Tuthill is head of the division of pathology informatics at Henry Ford Health System in Detroit, Michigan. Some areas of practice interest include digital imaging and image databases, development of Internet applications for laboratory information services, anatomic pathology and clinical laboratory information systems and informatics education. Active in organized medicine throughout his training and professional career, he has served as membership officer for the ASCP-resident section, delegate to the CAP-resident forum and was a member of the CAP-Informatics and Education Committees. At present, he is an advisor to the ASCP-Instructional Technology Committee and is the informatics representative on the Joint Commission's laboratory PTAC. As a charter member of the Association for Pathology Informatics, Dr. Tuthill has worked enthusiastically for the API from its inception. He has served as president, chairman of the membership committee, as an education committee member, and participated in the organization's original planning group. ■



Hal Weiner

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Hal Weiner has over 45 years experience in the worldwide medial and healthcare information systems field including sales, marketing, development, consulting, implementation, and strategic planning. He is currently the President of Weiner Consulting Services, which he founded in 1998. His consulting clients have included Healthcare Information Systems vendors as well as large provider organizations. He writes the monthly Newsbytes column for the College of American Pathology journal and is a speaker at healthcare conferences and symposiums. He sits on the board of directors of several profit and not-for-profit corporations. ■



Dennis Winsten

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Dennis Winsten is president of Dennis Winsten & Associates, Inc., a clinical information systems consulting firm, headquartered in Tucson, Arizona. He has over 30 years of experience with laboratory and other clinical and hospital information systems from both a user's and provider's perspective. His experience includes in-depth knowledge of the various vendor systems, user requirements, and market and laboratory trends, as well as the capabilities and constraints of computer and communications technologies. Mr. Winsten has served on the Board of Directors of CLMA, the Editorial Board of Clinical Laboratory Management Review, and is on the Advisory Board for Advance for Administrators of the Laboratory. Other professional affiliations include: Healthcare Information and Management Systems Society (HIMSS); Association for Pathology Informatics (APF).

Published papers have included topics on clinical system evaluation, selection, and installation, multi-site networks, system contract criteria, HIS interfacing, and other subjects related to clinical information systems. He has been a speaker at numerous national seminars and professional meetings. ■



Steven T. C. Wong, Ph.D.

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Director, Bioinformatics Program and Senior Member,
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Professor Stephen Wong is Vice Chairman and chief of Medical Physics in the Department of Radiology with joint appointment in the Department of Pathology, as well as director of the Bioinformatics Program at the Methodist Hospital Research Institute, Methodist Hospital-Weill Cornell Medical College. His research focuses on the development and integration of biomedical imaging and bioinformatics techniques for biomarker discovery, image-guided therapy, molecular diagnosis, and drug development. Dr. Wong published more than 250 peer-reviewed papers and holds eight patents in biomedical technology. He serves on NIH and NSF panels, many journal editorial boards, conference program committees, and nonprofit advisory boards.

Before joining Methodist, Professor Wong founded two institute-wide research centers at Harvard: the HCNR Center for Bioinformatics, Harvard Medical School and the Functional and Molecular Imaging Center, Brigham and Women's Hospital, HMS. He has over two decades of R&D experience in industry and academic medicine and directed research labs and product departments in Harvard, UCSF, Philips Electronics, Charles Schwab, AT&T Bell Labs, and HP. He has made original contributions to digital radiology, bioinformatics, microelectronics, and optoelectronics. He received a doctorate in Computer Science in 1991, masters in Computer Science and Engineering in 1989 from Lehigh University, PA, USA, and a bachelor of Electrical Engineering (Hons) in 1983 from the University of Western Australia, as well as executive education from Stanford, Columbia, and MIT Sloan School. ■

exhibitors and websites

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www.beckmancoulter.com

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www.mckesson.com

SCC Soft Computer

www.softcomputer.com

Siemens Healthcare Diagnostics

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Sunquest Information Systems

www.misyshealthcare.com

Technidata America Medical Software

www.technidata-web.com

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CAP Today

www.cap.org

Center for Pathology Informatics, University of Pittsburgh

www.path.upmc.edu/cpi

Clinical Laboratory Management Association (CLMA)

www.clma.org

Consultants in Laboratory Medicine of Greater Toledo

www.clm-pml.com

Department of Pathology, University of Michigan Medical School

www.pathology.med.umich.edu

CONFERENCE LEARNING OBJECTIVES

- Describe new information technology products that will enable a clinical laboratory to operate more efficiently and effectively.
- Assess the various products available in the clinical laboratory software market by interacting with a large number of exhibitors.
- Understand workflow in the clinical laboratories and how lab software supports and facilitates the mission of the laboratories.

CONTINUING EDUCATION CREDIT

Continuing education credit for physicians, Ph.D.s, and medical technologists will be applied for.

TARGET AUDIENCE

The target audience for Lab InfoTech Summit is pathologists, medical technologists, and clinical laboratory professionals with a special interest in the use of information technology (IT) and pathology informatics in the hospital clinical laboratory and the clinical lab industry.



Developer of LabDAQ® Laboratory Information System

Antek HealthWare has been in the business “of providing innovative medical software solutions to the health care market since 1987, with corporate offices located in Reisterstown, Maryland and sales offices in eight states. Antek products significantly enhance productivity and financial management capabilities, while maintaining a low cost of ownership. Every day more than 40,000 physicians depend on Antek to assist them with patient care.

LabDAQ Laboratory Information System was initially developed and released in 1991. To date, more than 2,100 systems have been installed in physician office labs, clinics of all sizes, reference labs and community hospitals. LabDAQ continues to evolve with new features and options that provide the laboratory with the tools needed to respond to the demands they face every day.

LabDAQ is designed to integrate seamlessly with other software systems including Hospital Information Systems (HIS), Practice Management Systems, and Electronic Medical Records (EMR). Antek HealthWare’s dedicated HL7 department has worked with the industry leading EMR companies to ensure laboratory orders are efficiently received from an EMR and results are quickly populated back into the EMR.

By understanding clients’ needs and the markets served, Antek strives to offer intuitive solutions that exceed expectations with quality products and superior after sales support.

LabDAQ provides laboratories with the ability to meet their needs today and the flexibility to grow as the laboratory evolves.

LabDAQ will increase the efficiency of the laboratory and the entire facility with the increased interoperability between software systems. Learn first hand why Antek HealthWare was voted the 2007 “Top of the Class” LIS vendor by readers of Advance magazine. Please call 800.359.0911, extension 3, or visit us at www.antekhealthware.com for more information. ■



bringing digital pathology to life

Aperio is digitizing pathology. We provide systems and services for digital pathology, which is a digital environment for the management and interpretation of pathology information that originates with a digital slide. Aperio’s award-winning ScanScope slide scanning systems and Spectrum™ digital pathology information management software improve the efficiency and quality of pathology services for pathologists and other professionals. Applications include education, remote viewing, archival and retrieval, basic research, and image analysis. ■



Apollo PathPACS® is the leading Pathology Picture Archiving and Communications Solution (PACS) and provides laboratories with comprehensive digital image management for all pathology imaging modalities. PathPACS® is integrated into hospital and lab information systems enabling smooth workflow and data exchange for everyday pathology use. High-resolution images are securely stored and automatically associated with the appropriate patient and case.

Since 1993, Apollo PACS has been providing imaging solutions for the pathology and laboratory service marketplace. We invite you to come visit with us at Lab InfoTech 2008 where we can discuss where this industry is headed and how it can improve your practice. ■



ARUP Laboratories is the only national reference laboratory to provide its clients with Utilization Management Services. The Integrated Suite of Services is designed to assist client organizations with effective solutions for outreach, connectivity, lab test ordering, and management.

The Suite of Services includes:

ARUP Consult®

Physician’s Guide to Laboratory Test Selection and Interpretation

www.arupconsult.com or
www.arupconsult.mobi for mobile users

A dynamic laboratory test selection support tool that provides instant, point-of-care access to ordering and interpreting hundreds of laboratory tests to improve patient care and reduce overall health care costs.

ATOP®

Analyzing Test Ordering Patterns

ARUP’s analytical service assists client health care organizations to improve laboratory test utilization. The analysis identifies potential over-, under, and misuse of individual laboratory tests.

ARUP Direct™

Total Outreach Solution

In keeping with ARUP’s philosophy that health care is best provided at the community level, ARUP offers a complete package of outreach services to complement clients’ strategic expansion within their communities.

ARUP Gateway™

Laboratory Test Access Tool

This seamlessly branded tool helps clients’ physicians appropriately utilize tests by providing integrated access to a comprehensive test directory, as well as diagnostic guidance for laboratory test selection and interpretation based on the latest clinical recommendations.

ARUP Insource Advantage™

Customer Make vs. Buy Tool

ARUP's cost evaluation service enables clients to manage their send-out services in the most feasible way. ARUP assists clients in analyzing current and historical costs, as well as volume information, enabling clients to manage and evaluate complex send outs.

ARUP Connect™

Online Client Information System

ARUP's online client information system allows registered clients to access test results, transmit patient data required by public health agencies, and use ARUP's Secure File Transfer system to securely retrieve documents containing patients' PHI.

For more information, visit our website at www.aruplab.com/LITS or contact us at 800.522.2787. ■



ASCENDIUM Consulting has the breadth and depth of health care industry expertise needed to deliver tangible results and positive change to a wide range of organizations across the health care continuum. With an average of 20 years experience in the health care industry, from payers, to providers, to suppliers, our professionals can take your organization to the next level of quality, care and service delivery. We focus on evolving change in the health care environment through a collaborative, flexible and proven approach.

ASCENDIUM Consulting has the range of services to guide your organization from strategic planning, through operational management, to tactical change. Through the delivery of interim management services in Director and C-level positions, we have the awareness of current real-life situations that our customers experience on a day to day basis. And through our other core competencies, including business growth, process optimization, lean six sigma, information technology and project management services, we deliver value so you can deliver.

For the last five years, ASCENDIUM Consulting was operated as a business unit of Roche Diagnostics called Healthcare Solutions. Now, in 2008 and beyond, the team of resources that previously served many of the top health care facilities in the country and completed nearly one hundred client engagements is the independent, privately-owned health care consulting firm ASCENDIUM, Inc. Let us show you how ASCENDIUM was able to produce quantifiable, positive outcomes for those organizations, and how we can do the same for you. ■



Aspyra is a global provider of Health Care Information Technology (HCIT) solutions and services to the healthcare industry. The Company specializes in Laboratory (LIS), Radiology (RIS) and Anatomic Pathology Information

Systems, in addition to Picture Archive Communication Systems (PACS) and Clinical Image Management Systems (CIMS) for the health-care organization. Aspyra offers a wide range of departmental solutions, including a new integrated RIS/PACS solution to improve access to images and reports, as well as providing organizations with new channels to streamline workflow, boost efficiency and reduce costs.

Aspyra delivers a unique combination of solutions and knowledge to its customers, coupled with more than 30 years of experience in providing technical and customer support to a multitude of organization types, ranging from acute-care hospitals, to multi-specialty clinics, reference laboratories, as well as orthopedic and imaging centers. While these components - the products, services and experience - provide customers with exceptional value, the highest value comes from Aspyra's vision to create the industry's next generation of integrated clinical solutions.

Aspyra's solutions can be installed stand-alone or integrated to provide a single-vendor, enterprise-wide solution. Aspyra's product solutions include CyberLAB Laboratory Information System (LIS), CyberPATH Anatomic Pathology, CyberRAD Radiology Information System (RIS), AccessNET PACS, AccessMED Specialty PACS and AccessRAD RIS/PACS. ■



ATLAS offers Lab OuterWare™ - the only comprehensive enterprise workflow management solution for laboratory outreach. Lab OuterWare is not a single product, but an integrated suite of solutions for developing, managing and growing your outreach business. Deployed at over 90 labs, Lab OuterWare integrates your lab, physician office systems, EMRs, patient service centers, and referring and send out labs in a seamless network that increases operational efficiency and delivers a competitive advantage.

Built on a highly sophisticated, standards-based orchestration platform, Lab OuterWare enables labs to extend the configurable order entry and result reporting workflows and business rules management capabilities of Atlas LabWorks to all outreach clients, regardless of what external ordering system is used. With Lab OuterWare's LabEMR module, Atlas has nailed seamless integration with EMRs including allowing the physician to start an order in their EMR of choice and having it finished (multi-staged ordering) at the physician office, at a lab patient service center, or by lab operations using the customer service module. LabEMR supports EMRs with varying capabilities including EMRs that cannot accept unsolicited results, images, or PDFs, or when an EMR poorly deals with ID/patient matching, result code matching, exception handling, support for partials and finals, and more. LabEMR already supports interfaces to 17 EMR vendor systems, with more added every month.

Lab OuterWare's integrated customer service module offers a dashboard view of orders and results with problem alerts — such as incomplete order information, insufficient specimens, actionable result statuses and dozens of other issue types — and supports electronic communication of these issues to customers for resolution.

With planned enhancements to support Disease Management, PQRI, eligibility checking, pharmacy ordering and other capabilities, Lab OuterWare makes labs dramatically more efficient and offers a strategic advantage for retaining and winning new customers. ■



Simplify • Automate • Innovate

Beckman Coulter, Inc., based in Fullerton, California, develops, manufactures and markets products that simplify, automate and innovate complex biomedical tests. More than 200,000 Beckman Coulter systems operate in laboratories around the world supplying critical information for improving patient health and reducing the cost of care. Recurring revenue, consisting of supplies, test kits, service and operating-type lease payments, represents more than 75 percent of the company's 2006 annual revenue of \$2.53 billion. For more information, visit www.beckmancoulter.com. ■



BioImagene is a leading provider of total digital pathology solutions for applications including clinical diagnostics and drug discovery. Our mission is to bring affordable digital pathology to every pathologist in every laboratory. Our systems automate pathology workflows for acquisition, analysis, management, archival, reporting and sharing of tissue images. Our comprehensive solutions boost productivity, reduce bottlenecks and improve the quality of results for clinicians and pathologists. Bio-Imagene has successfully delivered solutions to leading cancer research laboratories and pharmaceutical companies worldwide. For more information visit www.bioimagene.com or call 408.207.4200. ■



CareEvolve is a leader in outreach connectivity providing solutions for laboratories since 1999. CareEvolve enhances hospital growth by providing a web-based order entry and results reporting solution for laboratory, pathology and radiology outreach business. Additionally, CareEvolve's EMR CareConnect connectivity solution can deliver results to and accept orders from virtually every electronic medical record on the market today. As CareEvolve is the only vendor in the outreach space who is owned by a clinical laboratory, we are the only vendor who's system is used in more than 1500 of our own laboratory customers. CareEvolve is owned by BioReference Laboratories based in Elmwood Park, NJ. ■



Cerner is the leading U.S. supplier of health-care information (HIT) technology solutions that optimize clinical and financial outcomes. Around the world, health organizations ranging from single-doctor practices to entire countries embrace Cerner for our powerful yet intuitive solutions. These solutions enable the delivery of personalized medicine as the paradigm shift continues to move toward consumer-driven healthcare. Cerner's single database architecture facilitates ease in the evolving discipline of Diagnostic Medicine.

Eliminating inappropriate testing and insuring the correct treatment path for the patient in a timely manner are inherent benefits of our solution.

Cerner offers clients a dedicated focus on healthcare; an end-to-end solution and service portfolio; and proven market leadership. All together, Cerner's more than 7,300 associates are working to improve healthcare worldwide. ■



Covisint enables the secure access to and the improved visibility of health information. Leading healthcare organizations and communities across the healthcare continuum leverage Covisint to exchange information and support real-time collaboration, including the automation and streamlining of basic clinical and administrative processes that are generally paper-based transactions today. www.covisint.com. ■



Data Innovations (DI) is the world's largest, most successful clinical laboratory middleware company. With offices in the United States, Belgium, Brazil, China, France and the United Kingdom, over 80 employees and US\$20+ million in annual sales, DI is the only middleware company with a true global scope and sole focus on laboratory data management. Directly and through our business partnerships, we have installed over 6,500 middleware systems in over 50 countries. Instrument Manager (IM) and Laboratory Production Manager (LPM) represent the most complete offerings in the market for pre-analytical, analytical, and post-analytical sample processing and non clinical tasks such as equipment maintenance. IM and LPM are available independent of instrument, device, or LIS vendor, laboratory department, and clinical discipline. Nearly 1,000 different instruments, automations systems, and information systems are supported. Equally important to our products are our services which include comprehensive support, on-site consulting and a variety of training options. The American Society of Clinical Laboratory Science (ASCLS) has approved Data Innovations' Rules training course (Authoring Decision Support Algorithms) for 20 continuing education contact hour credits under their P.A.C.E.® program. The FDA has granted IM 510(k) clearance demonstrating both product excellence and comprehensive development and support systems. ■

Dawning Technologies

Dawning Technologies, Inc. was founded in 1984, as a developer of new instrument interface products that make it easier to connect diagnostic laboratory instruments to information systems. Dawning is currently one of the leading vendors of laboratory middleware systems that offer a broad range of intelligent functionality between large arrays of laboratory analyzers and a variety of clinical information systems.

The core of Dawning's middleware capability is our JResultNet Interface Engine Software. In addition to providing basic analyzer-to-LIS connectivity, JResultNet offers a wide variety of value-added functionalities, including Auto-verification, Rules Based Processing, System-to-System Connectivity and Data Mining.

JResultNet 3.0 Interface Engine Software is a powerful and scalable Java-based interface engine that is intuitive to use and extraordinarily flexible, intended to complement an LIS. JResultNet middleware provides solutions to a variety of laboratory data processes that improve lab workflow and control over the implementation. Our customers use JResultNet middleware to handle applications ranging from single instrument-LIS connections to enterprise-wide autoverification. The same package is also live in high-volume, multi-hospital system-to-system applications running on secure rack servers in remote data centers.

Recent additions to JResultNet include generic database connectivity, used for communication of orders and results or to obtain external data for use in rules execution. A related Database Rules option includes the Dawning DataMiner

application, used for offline database investigation and sifting. The DataMiner (US Patent Pending) automatically senses the structure and content of a database and provides unique tools to develop sifting rules to extract the desired data. If desired, rules developed with the DataMiner can be imported to JResultNet middleware for use in the real time processing of lab data.

Dawning has also started shipping the new JavaLin/PDI Portable Device Interface.

You can learn more about Dawning, our products and applications from our web site at www.dawning.com. ■



Eclipsys is a leading provider of enterprise solutions that help healthcare organizations improve clinical, financial, operational and client satisfaction outcomes. Sunrise Laboratory™ is a state-of-the-art laboratory information system that helps increase laboratory productivity and decrease costs through intuitive workflow and data management. Sunrise Laboratory builds on the strength of Eclipsys' Sunrise Enterprise™ — rapidly distributing critical laboratory data throughout the organization to help clinicians make informed, timely decisions. Sunrise Laboratory reduces turnaround time, improves efficiency, reduces costs and enforces quality control from improved patient safety.

Available as a standalone LIS or linked to an enterprise solution, Sunrise Laboratory offers a unified view of data across its three major modules:

General Laboratory — A comprehensive core LIS, with both patient- and specimen-centric protocol support, and workflows for chemistry, hematology, toxicology, urinalysis, special chemistry, coagulation, immunology, serology and phlebotomy.

Microbiology — Processing and reporting on microbial results, with instant access to epidemiology statistical data and configurable antibiotic reporting policies.

Anatomic Pathology — Support for histology and cytology workflows, with embedded image integration, statistical reports and a user-configurable SNOMED encoder.

Sunrise Laboratory enables all clinicians to view results at the time of result entry, ensuring accurate, up-to-date information, reducing delays in care delivery, and speeding time to treatment. www.eclipsys.com. ■

GE Healthcare

GE is dedicated to helping you transform healthcare delivery by driving critical breakthroughs in biology and technology.

Our expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery and biopharmaceutical manufacturing technologies is

enabling healthcare professionals around the world to discover new ways to predict, diagnose and treat disease earlier. We call this model of care "Early Health." The goal: to help clinicians detect disease earlier, access more information and intervene earlier with more targeted treatments, so they can help their patients live their lives to the fullest. Re-think, Re-discover, Re-invent, Re-imagine. ■



General Data will be featuring our Stainer-Shield® and ID/Positive™ family of products for reliable, positive bar code identification of tissue cassettes and slides. Our ID/Positive technology enables labs to positively identify specimens as they are produced or processed, greatly enhancing lab workflow and eliminating specimen misidentification and mis-matching errors.

ID/Positive cassette markers and slide labelers produce high-resolution alphanumeric text, linear bar codes, and two-dimensional bar codes that scan reliably and survive the harsh solvents and reagents of lab processing.

With ID/Positive, labs can harness the power of bar code identification, scanning, and tracking technologies to process more tissue faster and more accurately, leading to enhanced patient safety, faster and more accurate diagnoses, and better patient care.

General Data Company Inc. is recognized as a premier provider of innovative bar code identification and automated data collection products and solutions that enable organizations to streamline workflow, error-proof processes, better manage critical data and improve business process accuracy, productivity, and performance. The company's patented healthcare products and solutions are designed to help providers improve patient safety and care, reduce medical errors, facilitate patient administration and provide consumers with confidence in their healthcare providers. Founded in 1981, General Data is a privately held company with headquarters in Cincinnati, Ohio USA. More information on General Data's laboratory products and solutions can be found at www.stainershield.com. ■



Halfpenny Technologies is the lab and pathology industries premier interface services company. Halfpenny's "Interface Department" provides our clients with full service interfacing, connectivity, project management and QA testing for all types of clinical integration. This includes EMR, LIS and others.

Halfpenny also offers Digital Pen & Paper solutions to the healthcare industry. Our solutions are designed to be simple to deploy and easy to implement. RoutePen, a dynamic web based

application, allows an organization to track couriers for pickup and delivery services. The technology utilizes GPS visual mapping, real time alerts and notification and forms capture all with the simplicity of pen and paper. Talk to us about the benefits. ■



IMPAC PowerPath, IMPAC's laboratory information management system for anatomic pathology, streamlines workflow and daily operations for laboratories offering surgical pathology, cytology, dermatopathology, and autopsy services. With more than 450 installations worldwide, PowerPath offers unmatched performance in managing anatomic pathology laboratories in hospitals, medical centers, reference labs, and academic facilities. 888.GO.IMPAC sales@impac.com ■



LifePoint informatics (formerly Labtest.com) provides a complete turnkey suite of healthcare IT connectivity products.

Our CCHIT middleware Infohub integrates clinical laboratory, anatomic pathology, radiology, patient information, etc. into the respective electronic medical record systems.

Labtest.com is our robust, easy to use order entry and results reporting web solution for clinical and anatomic pathology outreach programs.

The system is currently in use in 130+ healthcare systems nationwide connecting thousands of healthcare providers. ■

MCKESSON

Empowering Healthcare

McKesson Corporation, currently ranked 18th on the FORTUNE 500, is a healthcare services and information technology company dedicated to helping its customers deliver high-quality healthcare by reducing costs, streamlining processes, and improving the quality and safety of patient care. McKesson is the longest-operating company in healthcare today, and will mark 175 years of continuous operations in 2008. Over the course of its history, McKesson has grown by providing pharmaceutical and medical-surgical supply management across the spectrum of care; healthcare information technology for hospitals, physicians, homecare and payors; hospital and retail pharmacy automation; and services for manufacturers and payors designed to improve outcomes for patients. For more information, visit www.mckesson.com.

McKesson Provider Technologies, with 40 years of laboratory information solution experience and a world-class support organization, enhances patient safety, productivity and profitability. Horizon Lab™, an integrated solution for all laboratory settings, automates the

entire laboratory process, including order entry, point-of-care specimen collection, specimen management, analytic operations, information distribution, and financial and business performance management. The solution suite also includes Horizon Blood Bank™, Horizon MobileCare™ Phlebotomy, Horizon Anatomic Pathology™, Horizon OutreachWP® for Lab and Horizon Lab Financials™. For more information about McKesson's Horizon Lab Solutions, visit www.mckesson.com/laboratory. ■

MediSolution

Founded in 1974, MediSolution, a Brookfield Asset Management (NYSE: BAM) company, is a leading healthcare information technology company, providing evolving solutions to empower your business.

More than 700 customers, including over 100 lab customers, rely on MediSolution's systems to maximize their operational efficiencies, lower their costs and improve the delivery of services.

MediSolution has two operating segments:

Resource Management Systems

- **Financial Management Suite:** a modular suite of financial software solutions encompassing Financials, Procurement, Budgeting and Revenue Cycle Management (RCM) specifically designed for labs billing and AR.
- **Human Capital Management Suite:** a suite of solutions that allow organizations to effectively develop and manage their human capital.

- Business Intelligence Solutions (BI): that allows organizations to transform data into vital information for more effective decision making, including BI for LIS and RCM.

Healthcare Information Systems

- Electronic Health Record Systems improve patient care via a modular suite of software solutions including Order Entry and Results, Interdisciplinary Care Plans, LTC Plans, Web Portal and a Clinical Data Repository
- Patient Management Suite offers an efficient and integrated approach to patient registration and patient scheduling
- Clinical Departmental Systems encompasses Radiology and Pharmacy Information Systems.
- Lab Information Systems The LIS increases your efficiency, lowers costs and puts information at your fingertips, allowing solid, business-critical decisions. The LIS provides rapid, detailed information, full traceability and reliable security procedure for reference, hospital and clinical research markets.
- Public Health and Community Care provides Comprehensive Blood Vigilance and Risk Management solutions.
- System Integration provides the unique tools, services and expertise to systems integration.

MediSolution is an exclusive distributor of Technidata LIS solutions. For more information, please visit us at www.medisolution.com. ■



Milestone Medical (www.milestonemed.com) is a leader in the application of microwave and imaging system technologies in the anatomical pathology laboratory. Our portfolio of microwave tissue processors (Histos Pro, Histo 3, Histo 5, and Pathos) offer solutions for routine processing, special stains, decalcification, gross hardening, and fixation. With 10,000 units placed worldwide between our histology and analytical businesses, customers are excited about using this proven technology.

MacroPath D, our digital macro imaging system, serves as a comprehensive method of storing macroscopic images. Spoken comments, visual annotations, requisition forms, and imagery are stored and accessible to your facility's LIS system. ■



Since 1996, AutoLims has been powering hundreds of medium to large clinical laboratories in hospitals and commercial laboratories worldwide. NetLIMS customers include top New York City hospitals, HMOs including Clalit — the world's second largest HMO, and commercial laboratories such as Quest Diagnostics, the world's largest provider of clinical laboratory services. Simply Powerful — AutoLims scalable and flexible LIS technology platform is lightning fast and extremely intuitive — the perfect

combination of cutting edge technology and unparalleled customizability. AutoLims provides state of the art solutions to all disciplines inside the lab and for all stages of the testing process.

AutoLims' advanced architecture and design includes multi-tier technology, multiple platforms support (Unix/Linux/Windows), multiple database support (Oracle, MSSQL, Informix, Cache), multiple order entry method (screen, barcode, OMR, ASCII files), Web access, flexible XML/XSL reporting and much more. All the system suites and modules are integrated into a single database.

Netlims team of computer professionals with impeccable academic credentials coupled with the company's intense focus on leading edge technology and its absolute dedication to customer service has made it the leading Laboratory Information System in the world today. ■



Nikon Instruments is pleased to present our new model of Digital Sight Camera System and Coolscope II, two unique yet distinct instruments unsurpassed in easily capturing, storing, and sharing digital pathology images. The Digital Sight Camera is easily adaptable to Nikon Instruments' microscope series Eclipse

55i tilting telescopic head so images may be viewed and captured with maximum user comfort. Nikon Instruments' Coolscope II is an economical all-in-one digital microscope that may be operated in-house or from a remote location with simple mouse clicks. Both instruments offer newly developed image processing technology enabling true natural color representation. The instruments are network addressable through firmware (no software that could compromise your network capability) for image sharing and consultation. While easily networkable, both instruments offer stand-alone capability to view or capture images- no PC is required but one can be connected if desired. Images may be saved to a USB memory stick, compact flash card, external server, or directly to a PC. Split-screen capability is available for comparing low to high magnification images, along with a versatile, comprehensive tool menu for text, drawing, marking, calibration, and measurement. Please feel free to visit our table-top display to experience the ease of operation and incredible view offered from these two instruments as stand-alone systems, through PC control, or over the internet. Should you not be able to visit us in the exhibit area, you may log on to the Nikon Instruments website at www.nikoninstruments.com or contact us directly at 800.52.NIKON for additional information or to schedule a demonstration. ■

OLYMPUS

Your Vision, Our Future

Olympus is a precision technology leader, creating innovative opto-digital solutions in healthcare, life science and consumer electronics products.

Olympus works collaboratively with its customers and its affiliates worldwide to leverage R&D investment in precision technology and manufacturing processes across diverse business lines. These include:

- Gastrointestinal endoscopes, accessories, and minimally invasive surgical products;
- Advanced clinical and research microscopes;
- Lab automation systems, chemistry-immuno and blood bank analyzers and reagents;
- Digital cameras and voice recorders.

Olympus serves healthcare and commercial laboratory markets with integrated product solutions and financial, educational and consulting services that help customers to efficiently, reliably and more easily achieve exceptional results. Olympus develops breakthrough technologies with revolutionary product design and functionality for the consumer and professional photography markets, and also is the leader in gastrointestinal endoscopy and clinical and educational microscopes. For more information, visit www.olympusamerica.com. ■

Omnitech

Omnitech was founded in 1999 with the goal of developing a Laboratory Information System (LIS) designed using tools widely available with the capacity to support the emerging healthcare models.

Omnitech has clients in three countries including the United States, Canada & Belgium. Our successes include a wide range of installations, from a single location with a volume of 50 patient requests per day to networked laboratories handling over 25,000 patient requests per day. These clients range from the inpatient oriented — Community hospitals, Teaching hospitals, Integrated Hospital Delivery Systems (IHDS) to the outpatient or non-patient oriented — Reference laboratories, Contract Research Organizations (CRO) & Veterinary laboratories and to the 'hybrid' laboratory which tests inpatient and outpatient/non-patient specimens using a single system.

Omnitech emphasizes the importance of client relationships. We strive to make the complete satisfaction of our clients a foundation of our success. Omnitech has pursued this long-term goal of total client satisfaction through our commitment to provide the most responsive client service and support centers available. Our turnkey and stable software solutions are installed using detailed project plans administered by industry professionals and our stable applications can be implemented much quicker than older, legacy systems. That results in a much more cost-effective deployment than the industry has grown accustomed to. ■

OrchardSoftware



Orchard Software is famous for its award-winning laboratory information systems. Today, more than 750 laboratories across the country have turned to Orchard Software for their Laboratory Information System — including all types and sizes of multi-site and multi-specialty clinics and physician office laboratories, hospitals, regional reference labs, student health services, and public health organizations.

Orchard's award-winning Harvest™ LIS utilizes process automation; robust instrument, billing, EMR, and reference lab interfaces; and rules-based technology to address regulatory and integration issues and simplify laboratory workflow. Orchard Harvest LIS improves reimbursements and simplifies the time-consuming task of medical necessity validation by automatically screening ICD-9 codes, testing frequency, and experimental procedures during order entry. Customizable rules will reduce errors and aid decision making for order routing, auto-approval of results, reflexing additional testing, automatic comments, and clinical follow-up recommendations.

Orchard Microbiology and Orchard Pathology information systems eliminate paper and electronically integrate these departments with the rest of the laboratory with a single database. Orchard's fully integrated system provides immediate access to the patient's entire history, where clinical or molecular

results and images are integrated with interpretive text on the pathology worksheet and patient report.

As an HL7 organization member and stand-alone lab system, Orchard specializes in seamless integration with host systems, EMRs, billing, and reference laboratories and linking multiple sites is possible. For lab outreach, Orchard's outreach systems, Webstation™ or Orchard Copia™, provide easy web-based access or EMR integration for remote order entry and results delivery. ■



Since 1976, Psyche Systems has delivered products and services to help laboratories of all sizes and types run more efficiently and cost-effectively. Psyche Systems offers the e.lixa® LIS extension suite, WindoPath® anatomic pathology information system, SBB blood bank software, and LabWeb® LIS standalone or as a completely integrated solution for all areas of the laboratory. With its extensive interfacing capabilities, Psyche's products support full automation and EMR initiatives.

Through strategic alliances with key vendors, we integrate with clinical and back-office systems as well as laboratory instruments. Psyche's eXerva® software delivery model provides simple, highly reliable and secure Web hosted systems for a truly "pain-free" LIS. The e.lixa® suite of LIS extension applications

are designed to add new functionality to a laboratory's existing LIS, whether ours or another system, easily and affordably. A laboratory can select one or all of e.lixa's modules based on its particular need – to handle new types of molecular or genetic testing, enhance the marketability of its services to gain or retain new clients, or to more easily address compliance requirements. ■



Roche Diagnostics has a proud history and continued commitment to innovating health information with products and services that make a difference by helping to improve the quality of life.

Our emphasis on extraordinary customer service delivered by the most talented and dedicated people in our industry is what has made us a global leader in diagnostics. ■



SCC Soft Computer has been a leading laboratory information systems (LIS) vendor since 1979. Over the years the Company has earned an excellent reputation for its strong R&D focus. As a result, the laboratory community benefits from SCC as one of the largest LIS programming houses in the world, supporting advances in laboratory technologies such as the current trend toward point-of-care (POC) testing and instrumentation.

SCC's goal is to continue to supply innovative technologies to meet the diverse needs and strictest demands of each of our clients. SCC regards clients first and foremost, for without them the Company could not attain its position of leadership in the industry today. SCC Soft Computer shares the same goals of increased productivity, return on investment, effective information distribution, and a higher level of patient care. Through collaboration, communication and cooperation, SCC will continue to deliver best of breed solutions to its customers worldwide.

SoftLab, SCC's LIS software and part of the Company's Laboratory Suite, has been recognized as the market standard for its robust functionality and ease of instrument interfacing, including robotics. In addition to the Laboratory Suite, SCC offers an Outreach Suite, Blood Services Suite, Radiology Suite, Pharmacy Suite, and Genetics Suite. ■



Investing in information systems is a strategic decision, which when implemented must serve your laboratory for years to come. The system must reflect the current laboratory practice model, yet be flexible enough to evolve and support future operational requirements and practices.

SchuyLab™ is a market leader in the development and implementation of laboratory information system products and services for Hospitals, Reference Laboratories, Physicians Offices laboratories and other laboratory institutions in the United States and other parts of the world, supplying products and services that meet the global market requirements.

Working closely with our customers, SchuyLab™ delivers a total Laboratory Information System solution that is innovative and intelligent. SchuyLab™ can handle your clinical needs including ABN printing, Microbiology, and result reporting — including Internet access. Add our integral SchuyLab™ Billing, HL7 interfacing to over 30 EMR/HIS providers, and a Reference Lab interface - and SchuyLab™ can be your total LIS package. ■



Since 1986 Seacoast Laboratory Data Systems has provided the commercial laboratory industry with innovative, highly customizable software solutions and services. Our SurroundLab Plus Laboratory Information System and SurroundLab AR Revenue Cycle Management System are expertly designed and engineered to address the unique business dynamics of Commercial and Outreach Laboratories.

Seacoast Laboratory Data Systems is committed to giving out clients the highest level of customer satisfaction. Our focus is to assure the success of each and every client. www.sldsi.com. ■

SIEMENS

Siemens Healthcare Diagnostics, the leading clinical diagnostics company in the world, is an industry leader in innovation and development of advanced technology. As the first and only fully integrated diagnostics company, Siemens is taking diagnostics to the next level by bringing together imaging and laboratory diagnostics, healthcare information technology, and consulting services to provide unique and innovative solutions across the entire healthcare continuum. We are 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. We are committed to the development of innovative, customer-focused products that deliver tangible value to the clinical laboratory.

In addition to our chemistry, immunoassay, automation, hematology, hemostasis, microbiology, diabetes, urinalysis, blood gas and molecular testing systems, our informatics solutions are designed to improve laboratory workflow and meet the growing demands of our customers, today and tomorrow. The products include: ADVIA Centralink® and EasyLink™ for central laboratory middleware and automation solutions; DBNet® for Dimension® instrument connectivity; RAPIDComm® and RAPIDLink® for point-of-care informatics; RealTime Solutions

for remote monitoring and proactive service of instruments; Patient Identification Check™ to facilitate accurate patient specimen collection; and Novius® Lab to provide a modern workflow-based LIS solution.

Siemens Healthcare Diagnostics has over 215,000 instruments installed in more than 110 countries around the world, and employs approximately 14,000 people. The company is headquartered in the U.S. in Deerfield, Illinois. To learn more about Siemens Healthcare Diagnostics, please visit our Web site at www.siemens.com/diagnostics. ■

sunquest

Sunquest Information Systems, Inc., a leading provider of clinical data solutions for hospital and commercial laboratories that perform testing services in core lab, microbiology, transfusion services, molecular diagnostics, and pathology. With the growing emphasis on molecular diagnostics, and its requirements for improved integration between software and complex instruments, Sunquest is actively collaborating with leading healthcare organizations and customers to design and implement these new technologies and workflows.

Sunquest's recent market announcements for solving today's problems include value-added components such as:

- A fully integrated positive patient ID phlebotomy system that is hardware agnostic, allowing it to reside on devices with similar applications such as for medication administration.

- Seamless integration to mTuitive xPert for Pathology, offering a state-of-the art, structured data capture, synoptic reporting, and expert rules system.
- Availability of Sunquest CoPathPlus v. 4.0 anatomic pathology system.
- Enabling technologies that connect physicians and remote care locations to the laboratory.
- Workflow innovations to support molecular testing.

Looking ahead, Sunquest shares a vision with today's leaders in healthcare and laboratory medicine to develop and deliver the next generation of diagnostic technology solutions that are being driven by the twin forces of personalized healthcare and preventive medicine. This growing and exciting field will incorporate and integrate emerging technologies such as digital pathology images with laboratory and pathology systems.

Sunquest's dedicated and professional staff has the in-depth knowledge, experience, and ability to understand customer business needs, technical infrastructure, and workflow processes. Nearly 1,200 laboratories in the United States, Canada, Bermuda, Middle East, Denmark, United Kingdom, and Ireland operate using Sunquest solutions for clinical and pathology labs, molecular testing, and outreach business management. Sunquest clients range across multiple business models, including independent commercial laboratories, hospitals with under 100 beds, multi-state healthcare networks with dozens of testing locations, and outreach/commercial billing departments. ■

Systemex

Systemex is a global leader in laboratory solutions, including clinical diagnostics, automation and information systems. Serving laboratories for 40 years in more than 150 countries, Systemex focuses on extending the boundaries of diagnostic science while providing the management information tools that make a real difference in clinical and operational results for people worldwide. Since the production of its first hematology analyzer in 1963, the company has developed and manufactured a complete line of hematology, hemostasis (coagulation) and urinalysis instrumentation. An extensive range of standardized diagnostic solutions is provided, from small analyzers to fully automated high-volume test systems. These IVD instruments and automation systems are complemented by a broad range of clinical and laboratory information systems, real-time remote Q.C. and remote diagnostics. Systemex Lavender Top Management™ provides for sorting, analysis and archiving of EDTA tubes with minimal human intervention. Systemex's middleware solution, MOLIS WAM streamlines review of patient results to improve turnaround. It has QC module with advanced graphical software to compare instrument precision. ■



With over 30 years' experience in the field of lab management, the TECHNIDATA Group has become the leading global software supplier for clinical and anatomic-pathology laboratory information systems (LIS) and instrument workstations.

Our mission is to contribute to improving both the quality of healthcare and the productivity of the clinical laboratory. Our solutions deliver the right information at the right time, with the highest priority on patient safety and confidentiality (HIPAA-compliant).

Developed in full compliance with the ISO 9001/ISO 13485 quality standards, TECHNIDATA software products are distributed in more than 25 countries worldwide. Over 700 LIS sites and 12,000 instrument workstations are in operation, covering all the clinical laboratory disciplines: Biochemistry, Hematology, Immunology, Bacteriology, Virology, Histology, Cytology, Blood Banking, Transplant Management, Genetics, etc.

Products and services:

- Laboratory Information Systems (TD-Synergy® suite)
- Middleware solutions (TD-Middleware® suite)
- Instrument workstations
- Point Of Care Testing manager
- Web-based requests and results module
- International customer services and support activities

Serving as the Regional Headquarters of the Americas in Tucson AZ, TECHNIDATA America offers a wide range of Middleware solutions and specialized modules to Instrument and Lab Automation vendors, as well as to private, reference and hospital laboratories.

The TD-Middleware® suite is a blend of new technology and software solutions dedicated to enhancing existing Laboratory Information Systems, regardless of the LIS, Lab Automation or instrument vendor. It is designed to handle all the technical aspects of either a specific section or the complete laboratory workflow, from dispatching specimens to (auto) verifying and reporting the results. It helps the laboratory by improving productivity, optimizing resource utilization, and minimizing turnaround times without compromising the quality and accuracy of the information supplied. ■



Founded in 1995, TELCOR is a healthcare informatics systems and solutions company that is focused on providing highly specialized middleware products to the laboratory industry; point of care data and interface management as well as serving the outreach market segment.

TELCOR's unique industry experience positions it as a leading provider of connectivity implementations between point of care testing devices and systems and clinical laboratory/EMR systems. TELCOR offers the most device type connections to the most LIS/EMR systems though the widest configuration options available in the industry.

TELCOR's Outreach Information System® (OIS) leads the market with the only complete suite of applications that provide Laboratory Order Entry, Results Reporting, Profitability Analysis, and the only new Billing/AR system specifically designed for the outreach market. These applications address the outreach lab's needs to improve profitability, aggressively compete in the marketplace, improve client satisfaction and most importantly, bill and get paid for the services provided.

TELCOR's products are built using today's latest technologies including Microsoft.NET, Sybase and SQL Server with integration and data export. All products follow an extensive set of quality practices and are HIPAA compliant. Committed to the principle that TELCOR is responsible to its customers, employees and shareholders, all TELCOR products and services maximize quality, efficiency and value to its customers. ■



Wyndgate Technologies®, a division of Global Med Technologies®, Inc., is a leading supplier of information management software for blood centers, transfusion services and multi-facility healthcare systems. Wyndgate's 510(k) cleared Vein-to-Vein® products include EIDorado™ Donor Doc™, SafeTrace® and SafeTrace Tx®. Wyndgate professional services include project management, installation support and assistance with data import. Wyndgate also provides 24/7 customer support, education programs and consulting services.

EIDorado Donor Doc is an advanced electronic health history questionnaire and physical exam tracking system which assists blood centers in screening donors by capturing medical and physical examination information. Once a completed donor questionnaire is entered into the system, the software identifies donor responses where additional staff investigation is necessary thus helping blood centers prevent release of products from unsuitable donors. Donor Doc also provides maximum integration with donor center information systems, including SafeTrace®, and is a companion module to EIDorado™ Donor™, recently submitted to the FDA for 510(k) clearance.

SafeTrace® controls and streamlines the donor management process - from recruitment and testing to manufacturing and distribution. SafeTrace interfaces with most automated testing instruments and includes a Client Testing module for centers that provide testing to external clients. Information collected during mobile drives can be managed remotely via Mobile Collections and donors can schedule their own appointments on-line at their own convenience using Wyndgate's Donor Web Scheduler. Clients can also create customized reports and call lists using web-based Report Server.

SafeTrace Tx® is designed to meet the needs of transfusion services and provides comprehensive tracking of patient history, testing, orders, specimens, derivatives and more. A wide-ranging set of features, including remote and electronic cross-matching, help ensure patient and product compatibility while extensive safety checks help ensure the quality of the blood product. SafeTrace Tx interfaces with most instruments and features ISBT 128 capabilities. The system also has multi-worksite and multi-facility functionality for CTS systems. ■



We make it visible.

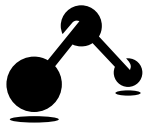
Visit the Zeiss booth to see the new MIRAX family of products - fully automated and flexible system platform for scanning whole histological slides and more. See how the combination of excellent optics and technology with superior software solutions for acquisition, processing, archiving, and communication can improve your research and routine work on digital pathology. ■

Where will the latest advances
in pathology informatics be unveiled?



Las Vegas, of Course

Catch the big news, the big names, and the big innovations of 2009.
Mark your calendar now for March 16-18, 2009.



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