

METRIC NEWSLETTER



For Metrology Professionals

Yo tengo OpenMETRIC

Published By Diversified Data Systems, Inc.
Tucson, Arizona

Volume 14, Number 1

June, 2000

Check Us Out at NCSL!



Check out our booth (#501) at the National Conference of Standards Laboratories (NCSL) in Toronto, July 16-19.

Mr. Don Wyatt, founder and President of Diversified Data Systems will be available to explain our industry-leading solu-

tions for calibration, equipment, property, and asset management.

We will be featuring OpenMETRIC, "*The Next Generation Calibration Management System*" (see related articles on pages 2-3). In addition to an informative "slide show" about OpenMETRIC, Mr. Wyatt will also be demonstrating a "live" version of OpenMETRIC running on Windows NT.

In addition to OpenMETRIC, Mr. Wyatt will answer your questions about our OpenPROTRAK Property Management System, OpenEMBARC Equipment Management, Billing, Acquisition, and Redeployment Control System, and our OpenTRAFIC Transfer and Relocation of Assets System.

Several of our customers will be at our booth at various times to answer your questions about their experiences with DDS.

If you will be attending the NCSL Conference, plan to visit our booth. If you were at the NCSL Conference in previous years, you saw the enthusiastic crowds that surrounded our booth during each exhibit session. You can avoid the crowds by calling today to schedule a private demonstration with Mr. Wyatt during "off hours."

Looking forward to seeing you in Toronto!

A New Day is "Dawn"ing!

Diversified Data Systems is delighted to announce the addition of Dawn Madison to our exceptional team. Dawn joined us on March 6 as our Manager of Production Support.

Prior to joining DDS, Dawn held several managerial positions with AcuCorp, a San Diego-based provider of development and interface products for robust business applications. During her tenure at AcuCorp, Dawn was Manager of Training, Manager of Systems Engineering, and Manager of Professional Services.

DDS has a strategic alliance with AcuCorp for products that complement our WonderWare "Power Tools." Dawn was already intimately familiar with the technology upon which many of our products are based. As a result, she has been able to "come up to speed" in record time.

In addition to participating in product design and development, Dawn will lead our efforts to improve technical support, documentation, and training.

Dawn has already made landmark contributions to our progress by supporting the successful implementation of our most recent version of OpenMETRIC on Windows NT and Sun Solaris using both Microsoft SQL Server and Oracle RDBMS's (see *related article on page 2*).

Dawn has also implemented a powerful and friendly automated installation utility that makes installing OpenMETRIC easier and more mistake-proof than ever.

Dawn will lead several exciting web-oriented initiatives for us in the near future, including web deployment and web-based training for our industry-leading products.

Open Technology... Fantasy or Reality?

...by Don Wyatt



Several years ago we announced OpenMETRIC, our groundbreaking initiative to convert METRIC to OpenTechnology™.

We believed we could convert our VAX-based system to a technology which could support virtually ANY platform (computer(s) and operating system(s)), virtually ANY client-server architecture, virtually ANY RDBMS (Relational Database Management System), and virtually ANY network including the Internet.

We re-engineered our products from the bottom up. We used the latest software engineering methodologies. We completely reinvented our business processes and practices.

This Spring, we achieved two more milestones which validate the choices we made and the methodologies we selected. In addition to the extremely popular Windows NT platform, we have successfully implemented OpenMETRIC on UNIX (Sun Solaris). In addition to the popular Microsoft SQL Server RDBMS, we have successfully implemented OpenMETRIC on Oracle (*see related articles on this page*).

OpenMETRIC is already available for Windows 2000, the latest family of platforms from Microsoft which are intended to replace Windows NT. Soon we will be announcing web-based deployment and web-based training for OpenMETRIC.

Today, we can say with pride that OpenTechnology is no longer just a fantasy or intellectual curiosity. Today, OpenTechnology is a proven reality that provides our clients unparalleled flexibility in selecting and upgrading their technology infrastructure.

We recently adopted a new theme for OpenMETRIC which we hope you'll hear and see often in the next few months. This new theme emphasizes the flexibility which OpenTechnology has enabled us to achieve for the benefit of our clients.

**OpenMETRIC...Where the Choice is Yours...
Today!**

NT or UNIX...the Choice is Yours!

OpenMETRIC is the first enterprise calibration management system to be successfully implemented on both Windows NT Server and on Unix (Sun Solaris).

OpenMETRIC has been operating successfully on Windows NT for over three years. This Spring, OpenMETRIC was successfully implemented on Unix (Sun Solaris) for the first time.

So whether your technology is based on Microsoft (Windows) or Sun (Solaris), OpenMETRIC can deliver unparalleled performance and power to manage your calibration and equipment tracking requirements.

SQL Server or Oracle...the Choice is Yours!

OpenMETRIC is the first enterprise calibration management system to be successfully implemented on both Microsoft SQL Server and on Oracle.

OpenMETRIC has been operating successfully on SQL Server for over a year. This Spring, OpenMETRIC was successfully implemented on Oracle (v. 7.3.x and v. 8.x) for the first time.

So whether your technology is based on Microsoft (SQL Server) or Oracle, OpenMETRIC can deliver unparalleled performance and power to manage your calibration and equipment tracking requirements.

Got a Big Database? How About 150k Assets and a Couple Million Service Records?

Do you have a big database? Do you need a high-performance enterprise calibration management solution?

One of OpenMETRIC's newest clients has successfully transferred over 150,000 assets and nearly 2 million service records to OpenMETRIC.

Using the power and flexibility of Microsoft SQL Server as the RDBMS engine, this world-renown client has achieved excellent performance, confirming OpenMETRIC's leadership in enterprise calibration management.

If your database has outgrown your current system, check out the "industrial strength" capabilities of OpenMETRIC.

OpenMETRIC: Powerful New Features and Capabilities

We continue to add powerful new features and capabilities to OpenMETRIC to ensure that it remains the most robust enterprise calibration management system in the world.

The following features have been incorporated into OpenMETRIC in recent releases.

Electronic Signatures

OpenMETRIC now includes a powerful electronic signature feature which complies with the requirements of CFR Title 21 Part 11.

This sophisticated feature allows you to:

1. Specify the functions which require an electronic signature (esig), such as adding an item to the database or closing out a job;
2. Specify which esig type(s) or role(s) is acceptable for each mandatory esig;
3. Specify the esig type(s) or role(s) which is authorized for each individual user;
4. Capture and permanently record mandatory esigs with optional notes;

Electronic Signature

Signer:

Password:

Type:

Note:

OK Cancel Change

5. Automatically expire esig passwords after a specified period;
6. Allow users to change their passwords periodically;
7. Allow optional esigs to be entered even though no mandatory esig is required; and
8. Display the esigs for any given function.

Date and Time	Signer	AFA	Type	Note	Function	Clear
6/18/1999 10:31:15.59	Sue Wynn	Sue	ADMIN	This procedure is fine	Setup: Update Procedure	Match
6/20/1999 15:22:28.84	Sue Wynn	Sue	ADMIN	Updated	Setup: Copy Procedure	
6/20/1999 17:02:50.75	Sue Wynn	Sue	ADMIN	Updating	Setup: Update Procedure	
6/15/1999 11:46:17.32	Sue Wynn	Sue	ADMIN		Setup: Sign Procedure Cr	

OK Cancel Export

These features, when used appropriately, can achieve control and accountability comparable to, or superior to, traditional paper and manual signatures.

In addition to Electronic Signatures, we have added numerous features to improve productivity and simplify the use of OpenMETRIC.

Batch Approve

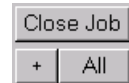
We have added the Batch Approve functions to simplify and expedite the process of approving calibrations that have been completed.



A completed calibration can be approved individually by hitting the "Approve" button. Alternatively, a completed calibration can be added to the "basket" by hitting the "+" key. Then the entire basket can be displayed for review by hitting the "ALL" button. You can select calibrations to remove from the basket before hitting the final "ALL" button to automatically approve all selected calibrations at once.

Batch Close

We have added the Batch Close functions to simplify and expedite the process of closing jobs that have been completed.



A completed job can be closed individually by hitting the "Close Job" button. Alternatively, a completed job can be added to the "basket" by hitting the "+" key. Then the entire basket can be displayed for review by hitting the "ALL" button. You can select jobs to remove from the basket before hitting the final "ALL" button to automatically close all selected jobs at once.

Replicate Service

Some calibrations are extremely repetitive and require very little time to perform. We have added the Replicate Service functions to simplify and expedite the process of entering calibrations that are very similar.



After completing the servicing entry for the "master" item, select it as the "master" by hitting the "For Item" button.

Then for each item you wish to replicate from the master, hit the "+" button. When all items have been selected that you wish to replicate, hit the "Replicate" button to automatically replicate the servicing data, including results, labor and standards.

DIVERSIFIED DATA SYSTEMS -- "THIRTY YEARS OF TRAILBLAZING"



We at Diversified Data Systems, Inc. (DDS) are proud of our dramatic achievements and enduring contributions to the development and evolution of the computer industry.

For over thirty years, DDS has developed major software products and pioneered new technologies to harness the power and potential of computers for business, industry, manufacturing, health care, education, government, distribution, finance, and public safety.

In the early 70's, DDS gained worldwide recognition by producing the very first COBOL compiler for a 16-bit minicomputer. This permitted those new, powerful, and economical systems to perform tasks that previously required complex and expensive mainframe computers. DDS's COBOL compiler was the first language compiler to be certified by the Federal Compiler Testing Service, originally under the Department of the Navy, and now under the National Institute of Standards and Technology.

During the 70's and early 80's, DDS made major contributions to the development and refinement of Computer-Aided Software Engineering (CASE) concepts and methodologies.

Today, DDS is the preeminent Software Manufacturing Boutique. DDS has developed a Computer-Aided Software Production (CASP) system named WonderWare. WonderWare uses the power of computer technology to create an "assembly line" to manufacture software. With WonderWare, DDS produces DEFECT-FREE customized software solutions, virtually OVERNIGHT. Yet, WonderWare systems are so ECONOMICAL that our clients tell us that their investments with us are less than the license fees for comparable "packaged" or "canned" products.

Most of DDS's clients are large corporations or organizations who have traditionally developed most of their own software systems. However, today's backlogged MIS departments may take two or three years to develop a new application. DDS is producing such systems in 30-60 days.

Our systems are more economical than internally-developed systems. Our systems generate benefits, economies, and paybacks for our clients immediately. Most importantly, our clients get software that EXACTLY FITS their specific and unique requirements. Most DDS clients, recognizing the value we offer, return to DDS for additional systems and extensions to existing systems. In this way, DDS makes solutions that KEEP FITTING as conditions and requirements change.

Diversified Data Systems, Inc.

**Diversified Data Systems, Inc.
2601 N. Fairview Ave.
Tucson, AZ 85705**

We've got lots to talk about at NCSL in Toronto!