



The *DI*fference



A semi-annual newsletter written especially for the users of Digital Innovation, Inc.'s registry software products.

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DI Annual Users Conference Heads South

DI is rounding up the details for the 13th annual DI Users Conference in San Antonio, Texas. The event will be held at the Historic Menger Hotel, which offers close access to the Alamo, Rivercenter Mall, River Walk and IMAX theater.

Pre-conference, scheduled for October 23rd, offers a full day of basic-level training on the Collector, Outcomes and NTRACS registry software products. NTRACS training sessions are available for both trauma and burn software users.

Conference - October 24th and 25th

The 2007 Conference is packed with more than 35 workshops for Collector and NTRACS users of all levels, and includes hands-on lab time, networking opportunities, guest presentations and new Community Forum sessions. During the Community Forum sessions, users will meet with others who work in similar trauma systems and encounter similar challenges. Topics for these sessions will be selected from user requests submitted to DI. A User Report Presentation session has also been added to this year's agenda to provide users with an opportunity to share reports they have developed and find particularly useful at their facilities.



DI is approved to award continuing education hours by the Maryland Nurses Association, which is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation. CEU's will be awarded to participants who successfully complete the Conference objectives.

The DI Users Conference has grown to include more than 200 attendees from numerous states and countries. The conference continues to be an annual highlight for users to network with trauma field professionals. In addition to the various networking opportunities available at the conference, DI's traditional Networking Night is still a favorite event. Complete with refreshments, music and entertainment, this optional event provides users with an chance to get to know each other in a relaxed and fun-filled atmosphere. This year's Networking Night will be held on Wednesday, Oct.24th.

In addition to all of the learning opportunities available at the 2007 Conference, San Antonio's abundant attractions, shops and eateries will make it easy to find tourist activities that fit every style.

See you in San Antonio!

Outcomes Version 2.6 Released

Over the past several months, with valuable input and beta testing from key users of the Outcomes Registry software, DI has developed the latest update to the Outcomes platform - **DI Outcomes version 2.6**.

General distribution of the DI Outcomes 2.6 Registry has begun and is scheduled for completion by the end of August. Designed as a peer review and performance improvement registry, the Outcomes software allows users to analyze and assess the overall quality of care provided by a trauma program. The new features and improvements included in Outcomes 2.6 will support the efficiency of the QA Coordinator throughout the peer review process.

Highlights of the DI Outcomes 2.6 Update include:

- *Issue Copying Feature* - Issue information can be entered into one issue and easily copied to another issue.
- *Streamlined Editing of Discussion during Issue Evaluation* - Discussion notes for related meetings can be edited without leaving the issue evaluation page.
- *Action Item Tracking* - Action items can be tracked and reported for each issue after peer review meetings.
- *Meeting Minutes Report* - Detailed reports of each patient review in a peer review meeting can be generated immediately after completion of the peer review using the new Meeting Minutes Report.
- *Report Improvements* - Issue and provider lists can be generated into spreadsheets with full column control selection and filtered by both issue code and meeting information.
- And many more!

In addition, Outcomes 2.6 educational opportunities will be made available to users through our annual conference and training sessions. The 2007 Users Conference will highlight template letters and other reporting features using v2.6. The Outcomes Pre-conference training session will provide in-depth instruction on the configuration and usage of the Outcomes Registry software.

Web-based and on-site trainings using version 2.6 will be available beginning in August. For more information on the DI Users Conference or to set up a training date, contact Mandy McMahan at amcmahan@dicorp.com

Look Inside for Articles on:

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DI Upgrades Collector CVW with CV4 Technologies

DI is now building many CV4-based applications that represent a new generation of technology advancements for the Collector platform. These advancements will be incorporated into both new and existing products across four capability vectors:

1. Expanded collaboration and coordination throughout the entire trauma system with many new applications and modules for reporting, report sharing, record transfers and patient matching
2. Integrated, seamless and unobtrusive security and audit logging functions for protecting patient privacy
3. Abstracted software deployment options to support any combination of single, two or n-tier server configurations, firewall placements, network co-location, and/or enterprise-grade database options
4. Improved flexibility within the registry data entry infrastructure featuring a new and continually expanding library of screen elements for quickly recording, cleanly displaying and accurately validating patient information

Many of the CV4 applications are designed as independent modules that can be plugged into a new or existing Collector registry. These modules can recognize what other optional components may or may not be enabled, and then interact seamlessly with the components or other modules that are installed. This approach will allow existing Collector CVW registry users to unlock the promise of CV4's four vectors of capability in select areas without the licensing, training or deployment costs of upgrading the entire Collector platform until they are confident that those expenses are justified.

The Collector CVW 2007 maintenance update is the first step in supporting the interoperability of CVW with the next-generation registry modules built on CV4 technology. This update fundamentally extends the underlying architecture of the Collector CVW platform and enables Collector CVW users to access the latest in clinical and technical platform improvements (via integrated add-on modules) while retaining the core Collector CVW data entry screens and fundamental data entry processes.

The "DI Coder" module and the "NTDB submission updates for 2008" are the first two CV4 modules planned for Collector CVW users. Both are planned for release in 2007 and will be distributed at no charge to active Collector maintenance clients. Several other optional CV4 software modules planned for late 2007 or 2008 will also have the ability to interface with CVW.

DI Coder is a stand-alone tool designed to facilitate the entry of diagnostic information into your registry. It allows users to look up an AIS diagnostic code from either AIS 98 or AIS 2005 by body-region look-up tables and then automatically assigns the correct ICD9 when the AIS code is selected. Updates to the DI Coder include the latest ICD9 updates as well as a utility to import the AIS 2005 codes.

As the software development partner with the National Trauma Data Bank (NTDB), Digital Innovation is prepared for the implementation of the NTDB submission changes. The NTDB submission updates for the 2008 CV4 module will provide the NTDB data submission file in the required XML submission

format to assist users in meeting the National Trauma Data Standards (NTDS).

Further information about AIS 2005, the differences between AIS 2005 and earlier AIS versions, and how DI is able to implement both code sets within the same registry using the DI Coder module are listed in a whitepaper available at www.dicorp.com. For information on purchasing an AIS 2005 license, please contact Tim Favazza at tfavazza@dicorp.com or 1-800-344-3668 ext 234.

Distribution of the Collector CVW 2007 maintenance update is planned for early fall. Facilities that are using Collector CVW and have purchased AIS 2005 will be in the first distribution group. Additional distribution information is forthcoming.

Supporting NTDS - DI has you covered!

The American College of Surgeons (ACS) has implemented a new data set requirement for participation in the National Trauma Databank (NTDB). All DI clients will be provided an update - FREE of charge - to satisfy this new National Trauma Data Standard (NTDS) requirement.

Participation in NTDB has never been more important. The NTDB database continues to expand and provides a valuable national resource for injury assessment, prevention, and research. Submitting data to the NTDB is now also required for ACS trauma center verification.

When will you need to support the NTDS? The ACS has defined two milestones on the implementation time line. First is in 2008, in which centers will need to provide a "best mapping" to the new NTDS XML format for your existing data dictionary. The second is in 2009, in which centers will need to have a way to collect and submit 100% of the NTDS data points. In a single solution, DI will be meeting the requirements for BOTH of these timelines by the end of 2007. Thus, the 2009 solution will be delivered a year early!

DI has developed a solution that will ensure full compatibility with all your existing local, regional, and statewide/provincial trauma registry solutions. All of your data points, data, queries, reports, and existing state downloads remain fully intact and compatible. DI will provide an add-on NTDS module that will be accessible from within each trauma registry record's data entry screen.

The NTDS module will auto-populate with any data points that your system already collects using a "best fit" mapping, which even performs any national-standard menu translations for you. The best-fit mapping will be configured using a simple point-and-click tool that will be provided to each trauma center, which requires only a one-time setup. The easy-to-use data entry screens then allow you to see your data, exactly as it will be reported to the national database, and to complete any NTDS data points that your system may not collect, or may collect differently than the national standard. Thus, you have the best of all worlds - full compatibility with your current system and full support of both the 2008 and 2009 ACS requirements for NTDS compliance. Best of all, the NTDS module will be provided to all active DI clients at no additional cost!

Upcoming Web Training Sessions

September 2007

Collector Concepts	Wed. 5th
Collector DI Report Writer	Tues. 11th
Outcomes Concepts	Fri. 7th
Outcomes Config. & Letters	Tues. 11th
Outcomes Adv. Rpt. Writing	Mon. 24th
NTRACS Concepts	Mon. 10th
NTRACS DI Report Writer	Thur. 13th
NTRACS Foxfire Reports	Fri. 21st

October 2007

Collector Concepts	Tues. 2nd
Outcomes Concepts	Thurs. 4th
NTRACS Concepts	Wed. 3rd

November 2007

Collector Concepts	Fri. 2nd
Collector DI Report Writer	Mon. 12th
Outcomes Concepts	Mon. 5th
Outcomes Config. & Letters	Mon. 12th
Outcomes Adv. Rpt. Writing	Fri. 30th
NTRACS Concepts	Thurs. 1st
NTRACS DI Report. Writer	Tues. 13th
NTRACS Foxfire Reports	Tues. 20th

USERS CONFERENCE

Welcome Annette O'Dell! Previously a part-time trainer for the NTRACS software, Annette joined the DI team July 1st as a full-time trainer for Collector Outcomes and NTRACS.

DI offers training at our Maryland facilities as well as on-site and web-based training sessions. Additional information about DI's training options and topic descriptions are available on the DI website. To schedule a training or to request additional information, contact the DI sales office at sales@dicorp.com or 800-344-3668 ext. 227.



Welcome

New Users



- **North Carolina State:** DI Central-Site
- **Bristol Regional MC, TN:** Tricode
- **University Health System, NC:** Tricode & Report Writer
- **Harris Methodist Fort Worth, TX:** Collector & Outcomes
- **DC Government:** DI Central-Site and Web Collector
- **St. Vincent Hospital, WI:** Outcomes
- **Sudbury Regional Hospital, Ontario:** Outcomes
- **State of Nevada:** DI Central-Site
- **Ephraim McDowell Reg. MC, KY:** Collector
- **Riverside Health System, VA:** Outcomes
- **Brazosport Regional HS, TX:** Collector & Outcomes
- **Mission Hospitals, NC:** Tricode, DI Report Writer, Outcomes & Tablet
- **Carolinas MC -- Union, NC:** NTRACS
- **Lawnwood Regional MC, FL:** Collector & Outcomes
- **South Australia, AU:** DI Central-Site
- **New South Wales -- AU:** Web Collector
- **Bluffton Regional MC, IN:** Collector
- **All Children's Hospital, FL:** Tricode & DI Report Writer
- **Palmetto Health, SC:** Tricode & DI Report Writer



Burn v5 Scheduled for Fall 2007 Release

Development of the NTRACS Burn v5 registry update is nearly complete. The software update, developed through the joint efforts of Digital Innovation (DI) and the American Burn Association (ABA), is scheduled for release in September. Built on a new database foundation, Burn v5 will incorporate the new burn data dictionary being defined by the ABA NTRACS Burn Registry Committee, the ability to interface with other DI modules, and a built-in DI Report Writer.

Among the many new features of the Burn v5 software, several stand out. Role-based security allows an administrator to allocate, by user, the ability to view, edit, and delete records and change system default settings. The Admin Security Module can track user activities to HIPAA compliant audit logs, which are available for administrator review. The updated record check feature enables record entry to proceed in the order and pace determined by the registrar by allowing users to move from one check to another without being required to correct the first check.

The DI Report Writer is an easy-to-use, powerful report-writing tool that will include the existing burn-specific standard reports as well as new reports defined by the ABA NTRACS Burn Registry Committee. Comparable custom reports to what are currently being utilized will be able to be created in the Burn v5 update, and expanded ad hoc query capabilities for all reports will add to the versatility of the reporting process.

A January 2008 "go-live" date for the NTRACS Burn v5 has been mandated by the ABA. To guarantee a successful transition to Burn v5 by this deadline, implementation and training sessions will occur from October through December 2007. Details regarding the training schedule will be available shortly.

Burn users interested in gaining additional training and experience using Burn v5 can attend this year's DI Users Conference in San Antonio, TX. A Pre-Conference session held on October 23rd will provide basic registry instruction for novice users to ensure a solid foundation of registry skills using the Burn v5 software. The full two-day conference held on October 24th & 25th includes sessions on the DI Report Writer, as well as lectures, open lab time and other registry-specific topics.

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DI on the web: www.dicorp.com

Product Support: *THE BACK PAGE*

DI's Product Support Staff Answers Commonly Asked Questions



Important Registry Maintenance Tips for you and your IT Staff

Understand the Implications of Computer Hardware Upgrades

Be sure your IT staff is aware that your trauma registry contains data, user-defined reporting elements, and a host of other post-installation configurations. If your database is not on a network, you may want to move your software to a common, backed-up network server location, *Even if you have a 'standalone' or 'non-networked' system, your registry can still be located on a network server.* Shortcuts can be set-up on your desktop for easy access.

When replacing user workstations or hard drives, IT staff can unknowingly delete or destroy the trauma registry software. At this point, re-installing the registry software will NOT preserve data.

Copy Your CD's

Before passing any software to your IT department, copy your software onto another CD or computer/network folder. This way you will have your own backup of installation software and electronic user documentation.

Communicate With Your IT Staff

With hundreds of software programs and computers that are of critical importance to the hospital system, IT staff may not be fully knowledgeable about you, your computer, or your registry software. Therefore, talk with your IT staff regularly about your configurations, what software you use, and, most importantly, how and when your registry is backed up.

Save Your User Documentation

Be sure to print or save copies of any user documentation before passing it off to the IT staff. Important notes, update summaries, user guides, and other documentation designed for trauma staff may be included with the software.