



Updates!

e-Newsletter from Iatric Systems, Inc.

February, 2005

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1. Building Solutions

John Danahey, Vice President Sales & Support



One of the things we enjoy most at Iatric Systems is helping our customers find solutions that leverage their MEDITECH investment. Over the past 15 years, we have worked hard to strengthen our depth of available solutions. Our foundation was in Custom Programming and NPR Report Writing, but we now provide a wide array of our own Application Products, Interfaces and Services. We have also built formal and informal relationships with other software vendors and consulting firms. This has allowed us to further broaden the scope of integrated solutions available to hospitals operating the MEDITECH HCIS.

Since I started my employment here at Iatric Systems, I have had the opportunity to talk with hundreds of MEDITECH users about potential solutions. During that time, I have always found it interesting that some of the simplest ideas and solutions have provided the greatest practical benefits. This month, I thought it would be fun (and simple), to share some real basic tools/solutions that I have used to make my work life a little easier.

Barcode Generator - For anyone working on a barcode project, you have probably come across the need to generate a quick barcode during your testing. For those times when it is just not efficient to set up MEDITECH routines to get a quick barcode, this online barcode generator can be a real time-saver. <http://www.barcodesinc.com/generator/index.php>

Great Quotes! - If you have to make public presentations and are struggling to find the right words, you can always rely on the words of others. The web site <http://www.great-quotes.com> has a great selection of quotations and a decent search engine. My current favorite, "If you steal from one author, it's plagiarism; if you steal from many, it's research." - Wilson Mizner.

Screen Captures - There are many ways to capture your PC screen output, but SnagIt is probably my all-time favorite. This product has grown significantly over the years and includes features such as Image

Capture, Web Capture, Text Capture and the list goes on and on. You can check it out at www.snagit.com. They even provide a 30 day free trial.

Well, I could go on but I have exceeded my allotment of print space. I hope some of you find these tools useful. If anyone has some neat tools they would like to share, just reply to this Newsletter. We will try to include them in future newsletters to benefit all of our customers. Also, if you are struggling to find solutions related to your MEDITECH system, we encourage you to contact one of our Account Managers or a member of our Senior Management team. If we can't help you directly, we would be happy to try and point you in the right direction.

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2. Mobile Phlebotomy – See Iatric MobiLab in Action

In [last month's newsletter](#), we introduced a new mobile phlebotomy solution – **Iatric MobiLab (IML)**. IML can help hospitals reduce specimen handling errors and improve patient safety by bringing positive patient identification, positive specimen identification, and specimen label printing to the bedside.



IML runs on handheld devices, and it is integrated with Meditech real-time over a wireless network. Immediate notification of stat draws, streamlined specimen receiving, and nurse workstation viewing of draw statuses are just a few of its many advantages.

Attend one of our IML Webcasts (dates below) to see it in action and learn more. Webcasts are open to all hospitals operating the Meditech HCIS, and they are provided by Iatric Systems at no charge. IML Webcast dates and times are:

Webcast Date	Day	Time
03/16/2005	Wednesday	2:00 pm Eastern
03/24/2005	Thursday	2:00 pm Eastern
03/29/2005	Tuesday	2:00 pm Eastern
04/06/2005	Wednesday	2:00 pm Eastern

To register, simply click the session date, and please be sure to include your **name, phone number and hospital name**. We'll promptly send you registration confirmation and instructions on how to participate.

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3. Upcoming Webcasts



We invite you to sit back and relax! In response to popular demand, we've scheduled a number of upcoming Webcasts that provide an easy way for hospitals to explore and learn more about Iatric Systems' clinical, financial and administrative solutions. Webcasts are open to all hospitals operating the Meditech HCIS, and they are provided by Iatric Systems at no charge.

Not familiar with a product listed? Click the product name to learn more. Upcoming Webcast dates and times are as follows:

Product	Webcast Date	Day	Time
Medical Necessity (MNO & MNC)	03/10/2005	Thursday	2:00 pm Eastern
Visual Flowsheet	03/15/2005	Tuesday	2:00 pm Eastern
Patient Discharge (PDI & PDRx)	03/17/2005	Thursday	2:00 pm Eastern
Event Notification System	03/23/2005	Wednesday	2:00 pm Eastern
PalmCare	03/30/2005	Wednesday	2:00 pm Eastern
Security Audit Manager	03/31/2005	Thursday	2:00 pm Eastern

To register, simply click the session date, and please be sure to include your **name, phone number and hospital name**. We'll promptly send you registration confirmation and instructions on how to participate.

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4. MUSE Tuesday Training Workshops Hosted by Iatric Systems

Have you registered yet to attend this year's [International MUSE Conference](#) in Las Vegas? Here are just some of the things you'll be missing if you don't sign up to go:

- Tuesday Trainings (see more details below)
- CIO Executive Institute (A Physician / Clinician World – How Does “IT” Fit?)
- Security / Disaster Recovery Summit
- Patient Safety Summit
- Over 100 User Education Sessions

Pre-conference workshops have become a cornerstone of the education that occurs at MUSE. This year, Iatric Systems staff will be volunteering their time to host the following Tuesday Trainings (instructor names appear in parentheses):

Morning Workshops

701 – NPR Report Writing for the Magic NUR Module (with Joe Cocuzzo)

702 – Customer Defined Screen (CDS) Attributes (with Jason Medeiros)

- 703 – NPR Report Writing in LAB and BBK (with Chuck Waterbury)
- 705 – Understanding Ethernet and TCP/IP (with Mike DeVoe)
- 707 – NPR Report Writing – C/S Tips and Tricks (with Phil Sherry)

Afternoon Workshops

- 801 – “Advanced Plus” CDS Attributes for Magic 4.9 and 5.4 (with Joe Cocuzzo)
- 802 – Introduction to Clinical Rule Writing (with Jason Medeiros)
- 803 – NPR Report Writing in MIC and PTH (with Chuck Waterbury)
- 804 – Creating Interdisciplinary Documentation through NUR Interventions (with Michelle Schneider, RN)
- 805 – NPR Fragments – (with Joel Berman)
- 806 – NPR Application Development 101 (with Frank Fortner)
- 807 – NPR Report Writing – Recreating Billing Reports – C/S and MAGIC (with Phil Sherry)

All fees for workshops go directly to MUSE to support the organization. To access workshop abstracts, or to register, visit the MUSE website’s International MUSE Workshop page at <http://www.museweb.org/conferences/international/workshops.htm>. We’ll look forward to seeing you in Las Vegas!

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5. NPR Reporting Tips

NPR Tip: Formatting Phone Numbers

Meditech allows phone numbers to be entered in any format, although you get a warning if the format does not match NNN-NNN-NNNN.

Sometimes, you need to reformat the data in a telephone number field. For example, an outside party may insist that phone number data be formatted (NNN)NNN-NNNN and that a phone number field can only contain digits or () or -.

One method to reformat the phone number data would be to process each character in the string, checking the ASCII value to make sure it is in the range 48-57, to produce a string of just the digits in the string. Then you can test the length of the new “digits only” string and reformat. In this example, if the length of the new string is 7, an area code of (000) is added, and the 7 digits are formatted NNN-NNNN. If the length is 10 or more, the first 10 digits are used to reformat the phone number. If the length is not 7, or 10 or more, then a string of (000)000-0000 is printed.

```

Edit Field Attributes: xx.reformat.phone.loop
U=AL=IF {" "→NUM, @pat.home.phone→STR, L(STR)→LEN, @→NNN, DO{NNN<LEN-1,
U=AL=IF {E(STR#(NNN)→CHR)>47<58 NUM_CHR→NUM}, POS+1→POS}, IF {L(NUM)=7-1,
U=AL="(000)"_(NUM$3)"_-"_(NUM%3);
U=AL=L(NUM)'<10 "(_(NUM$3)"_"_(NUM%2$3)"_-"_(NUM%5$4); "(000)000-0000"}

```

Note: In Magic, when using the # operator to get a character by position, the syntax STR#NNN is okay. In C/S you can only use a single character variable STR#N, unless you add parenthesis: STR#(NNN).

There is an alternative approach which uses the “translate operator” (~) in a special “not translate” syntax. The “not translate” command (~) will check each character in the left hand string, and go to that position of the right hand string. If the right hand string contains a D(255) the character in the left hand string will be deleted. Otherwise the character at that position in the right hand string will be substituted.

Using this approach, you do not need to loop thru each character in order to convert the phone number to just the digits. If you build a string containing just digits, and a D(255) at every other position, you can strip all but the digits from any string. You can create a custom string to filter any unwanted characters.

Attach a footnote AL START to our report, and build the translate string as follows:

```
AL START (D(255):48_("0123456789")_(D(255):70))~/NUMERIC
```

Once the translate string is built, re-formatting the phone number becomes simpler:

```
Edit Field Attributes: xx.reformat.phone  
UAL=IF{@pat.home.phone'~/NUMERIC>TEL,L(TEL)=7 "(000)"_(TEL$3)"-"_(TEL%2);  
UAL=L(TEL)'<10 "("_(TEL$3)"")_(TEL%2$3)"-"_(TEL%5$4);  
UAL="(000)000-0000" }
```

Both a Magic and C/S example report containing both approaches have been uploaded to our report library. The reports are called: **ADM.PAT.zcus.is.phone.format**.

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6. Newsletter Sign-Up/Contacting Us

[Sign up for our Updates! newsletter](#), or do so by visiting the lower right section of our website’s [homepage](#).

You may also request to discontinue receiving our newsletter by sending us an e-mail at info@iatric.com.

If you’ve received this newsletter via e-mail, you may give us feedback by simply replying to the e-mail. However, if you would like to reach someone directly, please feel free to contact one of the individuals listed below.

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