



## Updates!

e-Newsletter from Iatric Systems, Inc.

July, 2007

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### 1. Message from Senior Management

#### Proactive Alerting – What a Concept!

Ken Hoffman, Vice President  
Interfaces and Integration



While traveling recently, I received a phone call from my credit card company asking about some recent purchases that didn't seem characteristic of my purchase history. At first it seemed a little strange, but it made sense when they explained that they wanted to make sure unauthorized purchases weren't being made. Iatric Systems has been doing this type of proactive alerting for over 2 years now in connection with our interfaces.

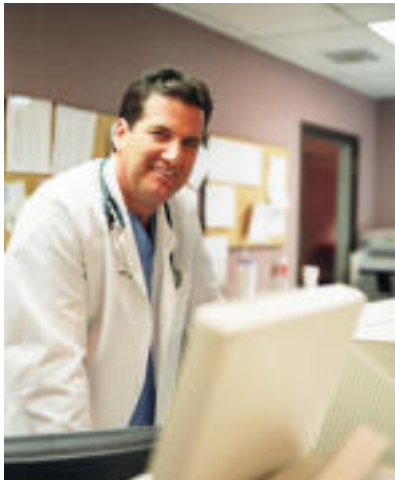
Iatric Systems' method of monitoring is called iAlert, and it's a one-way alert system that sends "heartbeats" and alerts via the internet to the Iatric Systems data center. The messages are encoded and contain only alert information. Iatric Systems has over 4,100 interfaces configured with iAlert, and this number is growing by about 100+ per month.

To meet growing demand, we've opened a brick and mortar support center to actively monitor iAlerts and handle other support issues. As many of you may know, more than 140 Iatric Systems personnel work from home offices, so having a physical building is a first for us. This departure from our traditional home office environment was driven by our desire to create an effective support infrastructure for our continued growth. If you have any Iatric Systems products and haven't yet heard about iAlert, please let us know.

It was very gratifying to get a call from my credit card company alerting me that something might be wrong. Don't be surprised – or alarmed – if you get a call from Iatric Systems' support with a proactive alert!

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## 2. Iatric Interfaces Chosen for MAeHC Collaborative



PRESS RELEASE - (Boxford, MA) July 10, 2007

Iatric Systems is pleased to announce it has been chosen by the Mass eHealth Collaborative (MAeHC) to provide HL7 interfaces and services to hospitals and health care organizations operating the MEDITECH HCIS and participating in the MAeHC pilot program.

The Massachusetts eHealth Collaborative (MAeHC) is a state-wide initiative to study and demonstrate the effectiveness and practicality of implementing EHRs and Health Information Exchanges in community settings.

“We are excited to be chosen by the collaborative for our expertise in working with the MEDITECH HCIS,” said Joel Berman, founder and president of Iatric Systems. “MAeHC is a historic project, both for Massachusetts and the country. It’s exciting to participate in such an important effort to improve health care by integrating hospitals’ and doctors’ electronic medical records.”

The pilot program for which Iatric Systems is serving as vendor is underway in three Massachusetts towns: Brockton, North Adams, and Newburyport. Anna Jacques Hospital in Newburyport, and North Adams Regional Hospital have already implemented Iatric Systems’ Interfaces. Brockton Hospital is currently in the implementation process.

“Iatric Systems was chosen to provide the MEDITECH integration piece of the project due to their reputation in the marketplace and the recommendations of the participating hospitals,” stated Micky Tripathi, CEO of MAeHC. “The interfaces have been installed efficiently and quickly in cooperation with the hospitals and partner vendors allowing us to meet our established timelines for this project.”

Numerous studies have shown that electronic health records help reduce prescription errors, reduce patient and staff time filling out forms and finding forms, reduce patient wait times, and significantly improve office efficiency in doctor’s practices and in hospitals. MAeHC is the most ambitious electronic record plan in the country and is being watched by hospital CIO’s nationwide. The pilot program will continue through July 2008.

For more information, please contact us at [info@iatric.com](mailto:info@iatric.com).

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### 3. Flowsheet – Find Out What You’re Missing!



Wouldn't you love to be able to see future orders on your flowsheets? Imagine also being able to view a patient's Plan of Care from within a flowsheet! Wouldn't it be helpful to be able to see a newborn's clinical information on a mother's flowsheet?

All of this and more is possible with **Visual Flowsheet Suite (VFS)**. In August, we'll host three "Flowsheet – Find Out What You're Missing" webcasts to demonstrate these and other advantageous features:

Webcast Date	C/S or MAGIC	Day	Time
<a href="#">08/14/07</a>	MAGIC	Tuesday	2:00 PM EDT
<a href="#">08/15/07</a>	C/S	Wednesday	2:00 PM EDT
<a href="#">08/30/07</a>	MAGIC	Thursday	2:00 PM EDT

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.

Our webcasts are online, real-time interactive sessions you can attend from the comfort of your own office. They are open to any hospital operating the Meditech HCIS, and they are provided at no charge.

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### 4. National Provider Identifier (NPI) Update



On June 14, 2007, the [Centers for Medicare and Medicaid Services \(CMS\)](#) held a roundtable discussion via webcast to update participants on NPI (National Provider Identifier) requirements. NPI healthcare provider information is required to be available to covered entities under HIPAA as a result of the National Plan and Provider Enumeration System (NPPES) Data Dissemination Notice, published in May of this year.

Highlights of the information shared during the webcast event included:

- No date for mandatory NPI usage has been set as of 6/14/07
- CMS does not expect any delay in payments as a result of NPI requirements
- CMS suggested testing a few claims with new NPI numbers to ensure a smooth transition when mandatory use kicks in
- CMS will publish the NPI Registry via the web in a zipped, comma-delimited text file, so users will be able to sort via any field they choose (NOTE: CMS will provide NO HELP DESK to assist with the download)

Once the NPI Registry is published, providers will be required to check it for accuracy and submit any corrections within 30 days, using the Update Form (can be downloaded, see link below)

Any provider rendering care must have an NPI number (examples included residents, who will be noted as healthcare students, as well as retired physicians who refer a patient for lab specimens)

CMS can only address their own requirements and recommended checking with other providers' HIPAA contingency plans regarding NPI numbers

CMS has, as of 6/14/07, received 96% of the anticipated requests for NPI

A [transcribed copy of the event](#) can be downloaded from the CMS website.

Since the webcast, CMS has announced that dissemination of NPPES health care provider data will be delayed until August 1, 2007, in order to allow health care providers additional time in which to view their data and make any necessary changes. Other helpful website pages are listed below.

NPI Data Dissemination Page:

[http://www.cms.hhs.gov/NationalProvIdentStand/06a\\_DataDissemination.asp](http://www.cms.hhs.gov/NationalProvIdentStand/06a_DataDissemination.asp)

Updated NPI Application and Update Form:

<http://www.cms.hhs.gov/cmsforms/downloads/CMS10114.pdf>

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## 5. NPR Report Writing Tips

### Custom User Activity Logging

Recently a customer asked us if a log could be created to track armband reprints. Nurses had access to the Reprint Admission Form routine so they could print replacement armbands, but some were printing sets of replacement armbands to make bedside scanning more convenient. The site had SAM, our [Security Audit Manager](#) product, so they hoped that there would be a way to include reprinting of armbands in the standard Meditech activity detail data available thru the user activity logs and exported to SAM.

Activity logging was showing use of the REPRINT ADMISSION FORM routine by user and patient, but not at the level of the admission form used or not used. Since a set of ADM forms are presented to the user from the parameters in the REPRINT routine, you cannot tell which forms were actually printed.

Meditech uses a Z program: Z.user.activity to create user activity log start, end and detail records. In fact, if you use urn as a select field in your own NPR report, the object code of the screen will include a call to Z.user.activity to create a detail entry. If the report is run from a menu, you will be able to track use of the report on the standard activity logs and identify the patients listed via the report.

It turns out you can generate entries in the activity log by calling the Z.user.activity program yourself. Three calls of the routine are needed:

- 1) A call to establish the routine start time record
- 2) A call to create the detail record (which patient accessed)
- 3) A call to create the routine end time record

Here are the details:

Client Server

To create the start time record

%Z.user.activity(A,B,C,D) A = menu urn B = menu option number C= "" (or ) A="", B= "", C="" and D = routine or comment

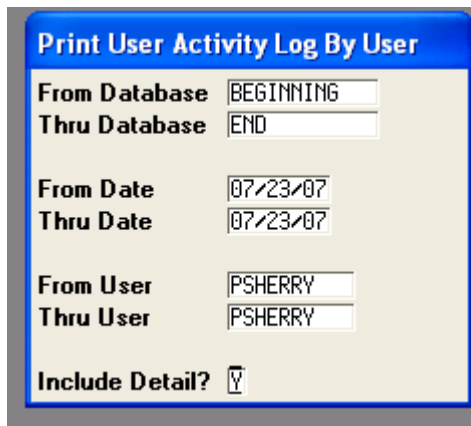
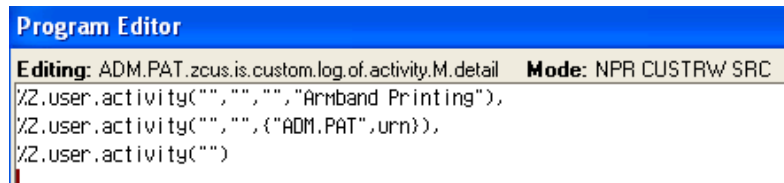
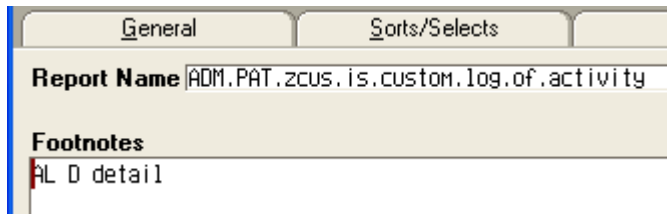
To create the detail record

%Z.user.activity("", "", C) where C = Q(DPM,module identifier)

To create the end time record

%Z.user.activity("")

Client Server Example:



DATE: 07/23/07 @ 1422  
 USER: MI

MIS Da  
 USER ACTIVITY  
 DATABASE:

DATE: 07/23/07

DEVICE	EMULATOR	FROM-TARU	MINS	ROUTINE
IATRICVM		1316 1316	0	Armband Printing
Time	Patient Name	Master Patient Number	Patient Account	
1316	TEST,ABS CLI	M000000032	X00000000357	

For Magic the coding is similar but the arguments are different:

Magic Example:

To create the start time record

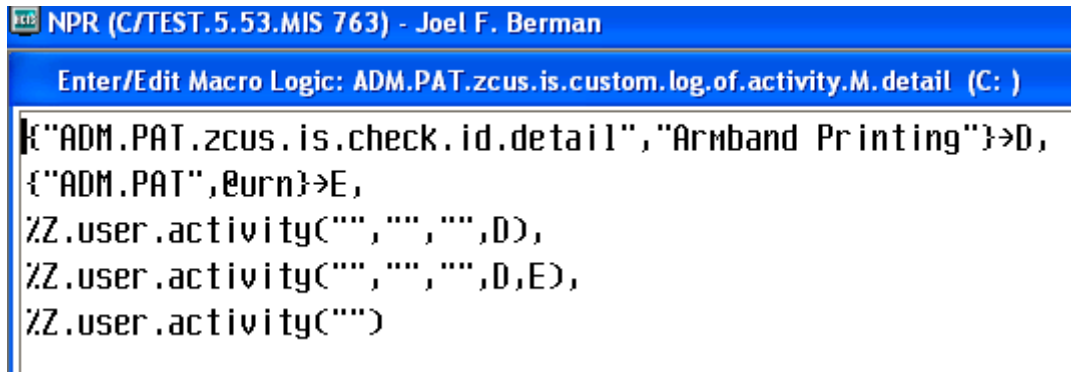
%Z.user.activity("", "", "", D) where D = Q(Routine,Description)

To create the detail record

%Z.user.activity("","","","",E) where E = Q(DPM, patient identifier)

To create the end time record

%Z.user.activity("")

A screenshot of a software window with a blue title bar. The title bar contains the text "NPR (C/TEST.5.53.MIS 763) - Joel F. Berman". Below the title bar is a menu bar with the text "Enter/Edit Macro Logic: ADM.PAT.zcus.is.custom.log.of.activity.M.detail (C: )". The main area of the window contains the following text:

```
{"ADM.PAT.zcus.is.check.id.detail","Armband Printing"}>D,  
{"ADM.PAT",@urn}>E,  
%Z.user.activity("","","",D),  
%Z.user.activity("","","",D,E),  
%Z.user.activity("")
```

Meditech keeps lines of code per DPM to execute for detail activity logging and |1 of argument C is used as the subscript to get the patient data that is stored. Usually it is the patient's admission urn, but I have created a report you can run to see the line per each DPM to check to see what the A argument should be.

Example reports to show how to create custom activity log entries have been loaded to our report library in both C/S and Magic versions.

ADM.PAT.zcus.is.custom.log.of.activity

Two reports have also been loaded to list the lines of code executed by the Z.user.activity program for each DPM:

(C/S) MIS.AUDIT.REC.zcus.is.list.code

**(Magic) MIS.USER.AUDIT.zcus.is.code.list**

You can find additional NPR Tips on our website at <http://www.iatric.com/information/npr-tips.asp>, as well as information about our [on-site NPR Report Writer Training](#) and [NPR Report Writing Services](#).

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## 6. Newsletter Sign-Up/Contact 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 an e-mail at [info@iatric.com](mailto: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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