



15+ years of Meditech Expertise

Updates!

e-Newsletter from Iatric Systems, Inc.

October, 2007

In this issue:

(click title to jump directly to article)

[Message from Senior Management](#)

[Nurses Collect Specimens Using COWs at Howard County](#)

[Thomson Healthcare is Putting Patient Data in Clinicians' Hands](#)

[Post-MUSE Regional Webcasts Scheduled](#)

[NPR Report Writing Tips](#)

[Newsletter Sign-up/Contact Us](#)

1. Message from Senior Management

Ten Years Later: Finding the Constant Amidst the Change John Danahey, Vice President



It is late October and the leaves are beginning to fall with November 1 just around the corner. Typically, I wouldn't give much notice to November 1, but this year it marks my tenth year of employment at Iatric Systems.

Over the past ten years, many things have changed. To begin, when I started for Iatric Systems you could count the number of teammates on one hand. Now you would need many hands to count our ranks. (Thirty or more hands if you want to do the math.) With this growth, I have also witnessed changes in positions, titles, organizational charts and infrastructure. The change hasn't always been easy, but it has been an enjoyable journey.

Through all this change, there has been one constant that has kept me grounded and content – company philosophy. When I decided to work for Iatric Systems, the one thing that attracted me most was the focus on the customer. This focus is exhibited in many ways through how we listen, how we respond, how we price our products and services, how we take responsibility for our work, and how we give back to the community that has supported us.

It is ten years later and I still see and hear the same customer philosophy. Most importantly, I see and hear it from veterans and new team members alike. With adherence to this philosophy and a little luck, I hope to dust off this article in another ten years and use it for my twentieth anniversary article. I wonder how many hands we will need then.

[Back to Top](#)

2. Nurses Collect Specimens Using COWs at Howard County



The excitement in Nancy Smith's voice was tangible, even over the phone. Howard County General Hospital had successfully achieved the goal it set out to accomplish – significantly reducing mislabeled specimens. Enabling nurses to manage specimen collection using their COWs (Computers on Wheels) is a recent part of the success.

[Howard County General Hospital](#), a member of John Hopkins Medicine, is a not-for-profit, 208-bed

comprehensive acute care medical center providing services to over 165,000 residents per year in and around Howard County, Maryland. Nancy Smith, Director of Nursing at Howard County, led the team that implemented MobiLab and subsequently MobiLab Desktop, the solutions that helped the organization achieve their goal.

[MobiLab](#), a mobile phlebotomy solution that runs on small handheld devices, was implemented first. Nancy told us, "We're relatively unique in that we use a truly decentralized specimen collection model. PCTs [Patient Care Technologists – the equivalent of nurses' aides] collect the bulk of specimens on many units. They don't use COWs, so MobiLab on the small handheld devices turned out to be a perfect fit for them."

On the other hand, nurses who collect and label the remaining specimens on those floors do use COWs for patient care documentation and medication administration. When those nurses were required to utilize an additional device to collect and label specimens, the process became a bit cumbersome. Additionally, Nancy explained, "ICU and Neonatal nurses simply couldn't spend time reaching for another device, and they collect specimens themselves – they don't have PCTs."

Howard County implemented [MobiLab Desktop](#) next, knowing it was the right fit for their nursing staff. It runs on PCs (including COWs), and accomplishes everything MobiLab does. Additionally, it everages the larger PC screen area by combining functionality from several handheld screens into fewer MobiLab Desktop screens. Nancy indicated, "We've had no problems with it at all, and we're happy to limit the number of devices our nursing staff must come up to speed on learning to use."

Now, MobiLab Desktop has been rolled out to every PC in the NICU and ICU, as well as every COW on other floors, and the results are in. "We have been 100% successful in eliminating mislabeled specimens in which the wrong name is on the tube," indicated Nancy. Rollout in the Pediatric ED is planned for November of this year, while rollout in the main ED is slated for January of 2008. Last but not least, L&D and Peri-Op rollouts will follow thereafter.

When asked about Iatric Systems' customer service, Nancy responded emphatically, "Awesome! Very, very good. Linda Trask was our implementation consultant, and I don't think I've ever worked with anyone better."

MobiLab Desktop is available in MAGIC and Client/Server versions. If you haven't seen MobiLab Desktop in action yet, please join us from the comfort of your own office in November as we demonstrate the system via webcast. We've scheduled two dates to choose from:

Webcast Date	Day	Time
November 6, 2007	Tuesday	2:00pm Eastern
November 8, 2007	Thursday	2:00pm Eastern

To register, simply select 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. Webcasts are open to staff at any hospital operating the Meditech HCIS.

3. Thomson Healthcare is Putting Data in Clinicians' Hands



In 2002, MercuryMD's MData Mobile system began a remarkable string of winning KLAS awards for the best mobile patient data system, winning five times in a row. Iatric Systems provided the integration to MEDITECH.

Well, we have some good news for you! Last year, MercuryMD was acquired by Thomson Healthcare. Iatric Systems still provides the integration with the MEDITECH HIS, but the MData Mobile solution is now known as [Clinical Xpert Navigator](#).

The names may have changed, but the quality remains the same. In fact, since the acquisition, the Clinical Xpert Navigator solution has expanded greatly.

Key additions include:

- **Infobutton Access** – provides context-specific linkage from the Navigator screen directly to relevant drug reference information
- **Support for BlackBerry** – in addition to Palm and PocketPC, Navigator has now been deployed at several hospitals running on BlackBerry smartphones
- **Desktop Access** – a new desktop user interface gives clinicians real-time patient data via a secure browser, streamlining remote review of patient status

Architecture

The Clinical Xpert Core architecture assembles data from any HIS or transactional system that provides HL7 outbound messaging – from MEDITECH and other vendor products as well. Data is assembled into a staging database, then pushed out to the Navigator users' handheld devices and desktops.

Clinicians receive real-time patient data updates using IR synch-stations, wi-fi, and the cellular network. Clinicians have immediate access to patient demographics, lab results, medications, reports, orders, and more. Additional modules are available for revenue capture, electronic signature, patient profiling, and patient handoff.

Downtime Solution

One additional benefit is that the Clinical Xpert Core architecture provides a robust downtime solution for the MEDITECH system. Since Navigator uses data from the Core staging database, it is able to operate independently from the MEDITECH system. When the MEDITECH system is unavailable due to scheduled or unplanned downtime, Clinical Xpert Navigator remains LIVE, with the most recent patient data available to clinicians.

To learn more about Clinical Xpert Navigator for Meditech, please visit:

<http://clinical.thomsonhealthcare.com/products/cxnavigator/Clinical+Xpert+Navigator+Solutions+for+MEDITECH.pdf>.

To learn more about Clinical Xpert as a downtime solution, please visit:

<http://clinical.thomsonhealthcare.com/products/cxnavigator/HIS+Downtime+Solution.pdf>.

4. Post-MUSE Regional Webcasts Scheduled

If you weren't able to attend the MUSE Regional conferences, we have good news for you!

Iatric Systems is hosting, via Webcast, "Post-MUSE" performances of all of our product demonstrations. Our webcasts are online, real-time sessions you can attend from the comfort of your own office, and they are provided at no charge. We'll be hosting several in November and December. ****All webcasts are held at 2:00pm ET.****

Regional MUSE sessions this year included:

Product	Magic or C/S	Date
Flowsheet: Find Out What You're Missing	Magic	Wednesday, November 28
Flowsheet: Find Out What You're Missing	C/S	Thursday, December 6
Incomplete Medical Records Management with VSB	Magic	Tuesday, November 6
Med Reconciliation with PDI/PDRx	Magic	Tuesday, November 13
Med Reconciliation with PDI/PDRx	C/S	Wednesday, November 14
MobiLab	Magic & C/S	Tuesday, November 27
MobiLab	Magic & C/S	Thursday, December 13
Paperless Pharmacy	Magic	Tuesday, December 4
Paperless Pharmacy	C/S	Wednesday, December 12
Physician Office Integration / IatriConnect Portal	Magic & C/S	Thursday, November 29
Physician Office Integration / IatriConnect Portal	Magic & C/S	Tuesday, December 11
Revenue Cycle Improvement with VSB	C/S	Wednesday, November 7
Revenue Cycle Improvement with VSB	Magic	Thursday, November 15
Security Audit Manager	Magic & C/S	Tuesday, November 20

To register, please click on a link above, and remember to enter your **name**, **phone number** and **hospital name**. We'll promptly send you registration confirmation and instructions on how to participate. Other sessions and times can be found on our [Webcast Schedule](#) page.

[Back to Top](#)

5. NPR Report Writing Tips

Defaulting and Error Checking Dates (Magic or C/S)

Sometimes you prompt a user for a date range but you wish to force the user to run for complete months. We can use the Edit Elements option combined with a DFT2 attribute to default the beginning date and end date of the prior month, and include some field check (FCL) attributes to make sure the user picks the first and last day of a month (and also to check that the ending date is not prior to the start date).

Macro: 6. Enter/Edit


Screen: 7. Edit Picture
 8. Edit Elements

	Select Field/Prompt or Value	Oper/Default or Keyword
1	date From Start Date of Month	GE
2	date Thru End Date of Month	LE
3		

A simple way to create the end date of the prior month is to subtract 1 day from the first day of the current month with %Z.date.add()

You can then remove the last two characters of that value and concatenate an "01" for the start date.

#	Field Element
1	b.date
2	e.date




```
A)tributes D)escription? |A| <esc> .
DFT2=%Z.date.add(@.today$6_01,0-1)$6_01
```

Notice that we do not need quotes around the "01" when we concatenate it. We take the first six characters of today (YYYYMM),

add an 01, subtract 1 day, then take the YYYYMM from that date (the last day of the prior month) and add an 01.

For the ending date of the month, just do the subtraction piece:

#	Field Element
1	b.date
2	e.date



```
A)tributes D)escription? |A|
DFT2=%Z.date.add(@.today$6_01,0-1)
```

For error checking, we combine an FCLn attribute with a corresponding FCLnA attribute. The n represents an integer. If the expression to the right of the FCLn is true, and there is a corresponding FCLnA, input is rejected and the code (typically an error message) of the FCLnA attribute is executed. You can have multiple FCL's per each field. We use two FCL's for the ending date.

In a RW screen, the user's input is not kept in @.response, but in variables A (as external format) and B (internal format). C is the old response (internal) and D is the old response (internal).

To test the start date, just make sure the last two characters are 01.

```
FCL1=B%5'=01  
FCL1A=@W.err("Please use first day of the month as start of range")
```

To test the end date, add one day and make sure the month changes. Also check to make sure it is not less than the start date.

```
FCL1=%Z.date.add(B,1)%3%2=(B%3%2)  
FCL1A=@W.err("Please Use Ending Date of the Month")  
FCL2=B<b.date  
FCL2A=@W.err("End Date is Before Start Date")
```

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](#).

[Back to Top](#)

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.

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.

Joel Berman, President, 978-805-4101, JoelB@iatric.com

John Danahey, Vice President, Customer Services, 978-805-4153, JohnD@iatric.com

[Back to Top](#)

27 Great Pond Drive, Boxford, MA 01921

Copyright 1996-2007, Iatric Systems, Inc. – All rights reserved –