



Iatric Systems

Magic and Client/Server Products and Services - NPR Report Writing



Updates! **An E-Newsletter from Iatric Systems**

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Joel's MUSEings

As we near the end of the fall MUSE season it is clear that MUSE is alive and well. Attendance at all of the regional shows has been good. The Peer groups are meeting, there are lots of educational sessions, traffic is flowing past the exhibit booths, vendors are giving product demonstrations and users are exchanging good information with each other. In addition, the number of people taking advantage of workshops either before or after the conferences is much larger this year. If Meditech thought that MUSE would become irrelevant with their departure, I can let you know that reports of its demise are greatly exaggerated!

One issue that has arisen during the conferences is the role of vendors in the Peer groups. Without the enhancements to vote on, the Peer groups have become primarily a place to exchange information and to learn from others. Many Peer group leaders have approached us and other vendors to help jump start the discussions by attending the Peer group meetings and doing "Show and Tells." Currently, the MUSE board is opposed to vendors giving "Show and Tells." They feel that if the vendor does a "professional" presentation, that users will be intimidated into not participating. I can tell you that many RPGL leaders have thanked us for participating. What do you think? Let MUSE know at muse@museweb.org.

Iatric Systems Expands Sales Team to Meet Customers' Needs

Iatric Systems has recently expanded its sales team in order to meet the growing needs of our customers. Over the past year, Iatric Systems has released many new and exciting products such as **Visual Flowsheet**, **PalmCare**, **IatriScan**, and **Discharge Medication Instructions (DMI)**. The response to these products by Meditech users has been overwhelming. We are proud that so many hospitals look to Iatric Systems for quality products and services in order to supplement their Meditech systems. The expansion of our sales team represents our commitment to working with the Meditech community in order to fill important needs.

The Iatric Sales Team:

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If you would like more information about Iatric Systems' products and services, and how we can help enhance your Meditech investment, please feel free to contact any member of our sales team.

Case Study: Patient Registration Benefits from Combined Hardware/Software Solution

Patient Registration is an area that is often filled with pre-printed forms and hardware devices. Multi-page face sheets, consent forms, labels, dot matrix printers, laser printers, fax machines, card embossers, and addressographs are some of the items you probably find around your registration area.

Stratford General Hospital in Stratford, Ontario has launched a project aimed at reducing pre-printed forms costs, while also reducing space consumed by the many hardware devices utilized in areas such as Registration/Admitting. According to Russell Dick, Director of IS, they have chosen to combine the new modular Lexmark T620 frame with **Iatric Systems' Forms Online** to provide a complete solution.

Gord Dowling, Application Analyst, explains, "The desire for new or different forms that are reflective of our new organizational structure has increased greatly...we were/are still dealing with the rising costs of pre-printed forms..." Forms vendors require minimum quantities in order to cover their set up and administrative costs. If forms need to be edited, it often results in a large amount of "recyclable waste." There are also storage costs involved with such large forms purchases. **Forms Online** allows the hospital to create and edit graphical forms electronically. When forms are printed, they can be merged with Meditech data providing a high quality professional looking form every time.

Multi-part forms are often seen as an obstacle in the implementation of electronic laser generated forms. In this case, the hospital has found a source of NCR (Non Carbon Reverse) paper. The paper comes in 3 colors and is stacked in appropriate order. This allows for only one paper bin to be used and the result is still a 3 part form that can transfer a signature imprint to the bottom forms. A stapler module can then attach all 3 parts together for the patient.

The Lexmark T620 is a modular printer device that allows for additional modules such as paper trays, fax, scanning, photocopying, and a stapler unit to all exist under one footprint. According to Gord, "The Lexmark allows us to add extra trays as they are needed. This allows us to add an extra 500 sheet tray for white bond paper used for all the other reports we print and trays for specialty printing like label sheets. By calling one report from another, we can print a three copy form and attach a patient consent form to the back of it, while also printing a sheet of labels with the patient's demographics and bar coded patient identifiers on it. All from the same printer using a single footprint."

The end result is a reduction in forms costs, decreased forms waste, less form storage requirements, efficient hardware maintenance, and some extra space for your Patient Registration area. If you would like to learn more about our **Forms Online** product, you may reply to this email or contact Estelle Tournas at (978)805-4135.

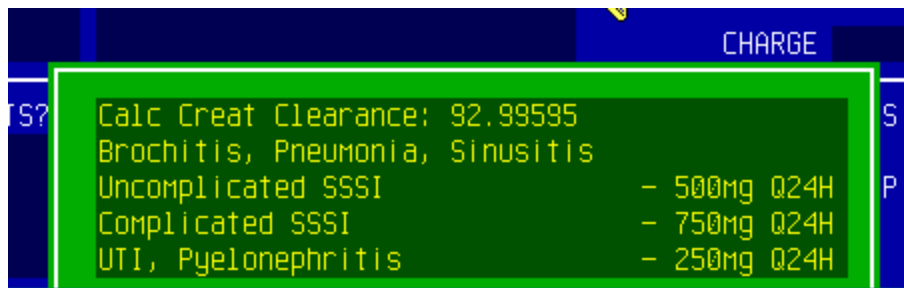
Rule Tips: Using the Pharmacy Rules Window Data Fields

Have you ever wanted to display a larger pop-up message to your users when they enter a medication order? How about providing more detailed dosing information? The Pharmacy Rules Window data fields might be of use to you. Check out the following rule:

```
[f rx calc]("CRCL.ADJA")^CC,
IF{CC'<50 [f rx win init],
    [f rx win add]("Calc Creat Clearance: "_CC),
    [f rx win add]("Brochitis, Pneumonia, Sinusitis"),
    [f rx win add]("Uncomplicated SSSI - 500mg Q24H"),
    [f rx win add]("Complicated SSSI - 750mg Q24H"),
    [f rx win add]("UTI, Pyelonephritis - 250mg Q24H"),
    [f rx win disp];
CC'<20<50 [f rx win init],
    [f rx win add]("Calc Creat Clearance: "_CC),
    [f rx win add]("Brochitis, Pneumonia, Sinusitis"),
    [f rx win add]("Uncomplicated SSSI LD = 500 mg, MD = 250mg Q24H"),
    [f rx win add]("Complicated SSSI LD = 750 mg, MD = 750mg Q48H"),
    [f rx win add]("UTI, Pyelonephritis 250mg Q24H"),
    [f rx win disp]},
[f rx ok];
```

The [f rx win init] field is used to prepare the display window.
 The [f rx win add] field is used to add text to the window.
 The [f rx win disp] field is used to display the window with text.

The end result is something that looks like this.



NPR Tips: Create your own lookup routines with the 4.8 Report Writer

The 4.8 (Magic) Report Writer "Edit Elements" routine now allows you to add an ID attribute to a field. By using the ID attribute to call your own program, you can provide much more flexible lookup functionality in your reports.

For example, if you are writing a rounds report, it would be handy to present a user with just those doctors to which they have access via the doctor and doctor group fields in the MIS.USER dictionary. With an ID attribute, you call your own program (a macro in the report itself is convenient for this) which builds a list of all the doctors to which the user has access, then calls a standard Meditech dictionary id program to display just these doctors when the user does an F (9).

The attribute is set up as follows:

Screen: 8. Edit Elements

```

2 MIS.DOC.DICT.c.mnemonic
A)tributes D)escription? A <esc> - to exit e
ID=%OE.PAT.zcus.is.rounds.report.id.demo.M.id(A)
ID.ARG=BR

```

The code in the OE.PAT.macro does two things:

- 1) Builds a custom dictionary of the doctors to which the user has access, either because the user has access to the individual doctor, or has access to the group.
- 2) Calls %Z.id.dict.color and passes in the following arguments:

A = the "name of" the structure holding the dictionary ^/DOCS in our example

B= the A argument passed in in the ID call

C=A header string formatted to fit the columns of data in the list.

D=A string which, when executed, will display the fields for each line of the lookup. The format is [A,CD] where CD is the mnemonic of the entry

E=The B argument which is whatever was set up via ID.ARG (AR is Active, Reject New Entries)

F=A title string to appear on the lookup

The coding is as follows. An example Rounds Report has been uploaded to our Report Library as OE.PAT.zcus.is.rounds.report.id.demo.

```

IF{'/LOADED @BUILD.DICTIONARY},
%Z.id.dict.color(^/DOCS,A,"Mnemonic":12TL_("Name":32TL)_("Group":10TL),"CD:12L_([A,CD]
|1:32TL)_([A,CD]|2)",B,"Your Doctors ");

```

```

BUILD.DICTIONARY

```

```

@.user^MIS.USER.mnemonic,

```

```

DO{ @Next(MIS.USER.doctor) 1,

```

```

Q("Y",@MIS.DOC.DICT.name[MIS.USER.doctor]) ^/DOCS[MIS.USER.doctor]},

```

```

DO{ @Next(MIS.USER.doctor.group) MIS.USER.doctor.group^MIS.DOC.DICT.dr.group,

```

```

DO{ @Next(MIS.DOC.DICT.mnemonic,@MIS.DOC.DICT.doctor.group.x) 1,

```

```

Q("Y",@MIS.DOC.DICT.name,MIS.DOC.DICT.dr.group) ^/DOCS[MIS.DOC.DICT.mnemonic]}},

```

```

1 ^/LOADED

```

For our test user with access to doctor ABRA and the group "BFM", the lookup performs as follows:

Your Doctors Lookup			
	Mnemonic	Name	Group
1	ABRA	ABRAMOWITZ DO, ALAN I	
2	DIPD	DIPIETRO MD, DAVID E	BFM
3	MARL	MARINO MD, LOUIS C.	BFM
4	SPIP	SPIRO MD, PAUL D	BFM
5	SUGW	SUGDEN MD, WILLIAM	BFM
6	WOODK	WOOD MD, KAREN	BFM

Subscribing/Contacting Us

If this Newsletter has been forwarded to you and you would like to subscribe to future Iatric Newsletters, please visit our web site at www.iatricsys.com. Simply click on the "Signup for our Monthly Newsletter" button.

You may always reply to this Newsletter with questions or comments. However, if you would like to contact someone directly, please feel free to contact one of the names listed below.

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