



LOUISIANA DEPT. OF HEALTH AND HOSPITALS

Medicaid Eligibility Data System

SIR 1539: Log File for
Viewed MEDS Screens

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Revision Summary

The following revisions have been made to the document since it was first published:

| Date | Description of Change | By |
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| 05/10/2010 | Document created. | P Crowley |
| 05/20/2010 | Included panel 2 showing Last Record Key for browse and update audit log screens. | P Crowley |
| 08/10/2010 | Updated document from initial feedback from MEDS Unit. | P Crowley |
| 10/01/2010 | Add INFOPAC report to write old data to before purging. | P Crowley |
| 11/29/2010 | Add additional requirements | J Badenhorst |
| 01/12/2011 | Add Online delete of records in Test, UAT and Train | J Badenhorst |
| 03/02/2011 | <ol style="list-style-type: none"> When AUINQ is selected on SLVE, SVLD or SVLU go to AUINQ and not AUMEM. Show 'Case/Person' instead of 'Record Key' on screens. Use 'SVLD' instead of 'SVLT' for the date screen. | J Badenhorst |
| 05/23/2011 | SIR1701 – Documentation Cleanup | E Fontes |
| <u>8/11/2011</u> | <u>Add screen PNDA to Screen View Log process</u> | <u>J Badenhorst</u> |

Business Requirements

A technical document is available in the closed folder for SIR1539.

There is a requirement to provide functionality in MEDS that allows analysts to view what MEDS records were accessed, by which users and on what date and time.

When the same record is viewed on the same screen multiple times during the day by the same user it is a requirement for this SIR to store multiple view log records. When considering browse and update log screens it is satisfactory to only consider the browse screen starting record as the record that needs to be stored as a view log record.

MEDS analysts will have access to view log records to transactions that they have access to via their User Group (see [Appendix A](#) for transaction list). Update audit log screens for the core maintenance screens are also shown. Users belonging to OFS, LASES and HMS user groups will be restricted from having access to the new screens containing the view log records.

MEDS screen view log records will be available to be accessed via MEDS for 12 months. Records older than 12 months will be available for viewing via INFOPAC reports.

New Functionality

Creating View Log Records

When analysts display a record on MEDS, the system stores the screen transaction, record key, view date, view time and their MEDS user id on the SCREEN VIEW LOG file. The list of screen transactions that triggers this record creation and the transfer screen transaction are shown in [Appendix A](#). Examples of record key are Case Number for the CASE screen, Person Number for the PERS screen and Case Number, Cert Period Number and AU Member Number for the AUMEM screen.

Multiple view logs records will be stored if the same record is viewed multiple times by the same user on the same screen on the same day. If the screen being viewed is a browse or audit log only the first record at the start of the browse will be the view log record that will be stored. This will be done for performance reasons which would potentially be a problem if every record on a browse screen was stored when scrolling up or down.

Browsing Screen View Log by Entry (SVLE)

This program allows MEDS analysts to browse the view log records by entry.

```

Position cursor or ENTER screen value to select
SVLE          *** M.E.D. SYSTEM ***          05/10/10
MEASVLE      BROWSE SCREEN VIEW LOG BY ENTRY  14:19:08

Screen
Tran          Case/Pers          View Date  View Time  User
-----
AMEM Case: 1234567890123 Appl: 1          01/01/2010  09:23:23  MAUXXX
APPL Case: 1234567890123 Appl: 1          02/02/2010  10:01:02  MAUWWW
AUMEM Case: 1234567890123 Cert: 1 AU: 1    01/01/2010  09:50:11  MAUXXX
CASE Case: 1234567890123          01/01/2010  13:45:02  MAUXXX
CASE Case: 2345678901123          02/01/2010  09:09:21  MAUYYY
CASE Case: 9876543210123          02/02/2010  10:23:10  MAUYYY
PERS Pers: 9876543210124          01/02/2010  09:36:10  MAUZZZ

*Screen Tran: AMEM Record Key: 1234567890123_1__ View Date: 20100101
*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit          Back Fwrd          UInfo
    
```

- The transaction Id for this screen is SVLE.
- Records are sorted by Screen Transaction, Record Key, View Date and View Time.
- Date format for the input is YYYYMMDD.
- PF12 to see information about User that created the record.

Browsing Screen View Log by User (SVLU)

This program allows MEDS analysts to browse the view log records by User.

```

Position cursor or ENTER screen value to select
SVLU          *** M.E.D. SYSTEM ***          05/10/10
MEASVLS      BROWSE SCREEN VIEW LOG BY USER  14:19:08

Screen
Tran          Record Key          View Date  View Time  User
-----
CASE Case: 1234567890123          01/01/2010  13:45:02  MAUXXX
CASE Case: 1234567890124          01/02/2010  09:09:21  MAUXXX
PERS Pers: 1234567890125          01/02/2010  09:36:10  MAUXXX
CASE Case: 9876543210987          02/02/2010  10:23:10  MAUYYY
AUMEM Case: 1234567890123 Cert: 1 AU: 1    03/03/2010  09:50:11  MAUYYY
AMEM Case: 1234567890123 Appl: 1          01/01/2010  09:23:23  MAUZZZ
APPL Case: 1234567890123 Appl: 1          02/02/2010  10:01:02  MAUZZZ

User: MAUXXX View Date: _____ View Time: _____
*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit          Back Fwrd          UInfo
    
```

- The transaction Id for this screen is SVLU.
- Records are sorted by User, View Date and View Time.
- Date format for the input is YYYYMMDD.
- PF12 to see information about User that created the record.

Note: To find records created by MAUXXX on 04/12/2011 on 13:55, enter the following:

```

User: MAUXXX
View Date: 20110412
View Time: 1355
    
```

Browsing Screen View Log by Date (SVLD)

This program allows MEDS analysts to browse the view log records by Date and Time.

```

Position cursor or ENTER screen value to select
SVLD          *** M.E.D. SYSTEM ***          05/10/10
MEASVLT       BROWSE SCREEN VIEW LOG BY DATE 14:19:08

Screen
Tran          Record Key          View Date  View Time  User
-----
CASE Case: 1234567890123          01/01/2010 13:45:02 MAUXXX
CASE Case: 1234567890124          01/01/2010 09:09:21 MAUYYY
PERS Pers: 1234567890125          01/02/2010 09:36:10 MAUZZZ
CASE Case: 9876543210987          02/02/2010 10:23:10 MAUYYY
AMEM Case: 1234567890123 Appl: 1    03/01/2010 09:23:23 MAUXXX
AUMEM Case: 1234567890123 Cert: 1 AU: 1 03/01/2010 09:50:11 MAUXXX
APPL Case: 1234567890123 Appl: 1    03/02/2010 10:01:02 MAUWWW

View Date: 20100101 *Screen Tran: CASE__ Record Key: 1234567890123_____
*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit          Back Fwrld          UInfo

```

- The transaction Id for this screen is SVLD.
- Records are sorted by View Date, Transaction ID and Record Key.
- Date format for the input is YYYYMMDD.
- PF12 to see information about User that created the record.

Note: To find records created on screen CASE on 04/12/2011 on 13:55, enter the following:

```
View Date: 20110412
Screen Tran: Case
```

General Browsing Information

On each of the above mentioned browse screens, the MEDS analyst can see detail information of the browsed record by placing the cursor on the record and choosing one of the following two options:

- Press <Enter> to see record detail

When a MEDS analyst places their cursor on a record in any of the above mentioned browse screens and presses <Enter> they will be transferred to the record transaction screen with the viewed record being displayed (sample shown in Figure 2 below). This will allow the user to determine which information or record field values were viewed.

```

Case displayed
CASE          *** M.E.D. SYSTEM ***          05/10/10
MECCASF      CASE MAINTENANCE                15:23:20
                                                METEST

*Action       : _ (A,B,C,D,M,N,P,L)
CASE NUMBER   : 1234567890123      Status :
*Parish of Residence : 33__
Parish History :                               +
*Caseload Location Type : P____
*Caseload Location Id : 1____
*Caseload Number   : 999__
Earliest Renewal Date :
Initial Contact Info : +
                    Type :
                    Date : 00 / 00 / 0000
                    Appl :
LaHIPP Referral Date :
Override Admin Renewal : _ (Y/N)      Exclude fr Workload Balancing: _ (Y/N)

*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
Help Main Retn Quit Csum Appl CMem                                LHIPP
    
```

Figure 1 - Case Maintenance Screen

- Press PF12 to see information about User that created the record

When the MEDS analyst returns to the previous screen and positions their cursor on a record in Figure 1 and presses <PF12> the MEDS user id information (belonging to the user who viewed the record) will be displayed. This will show the MEDS user location, phone and fax numbers and supervisor id, as shown in Figure 3 below.

```

*** M.E.D. SYSTEM ***          05/11/10
MECUNON1      USER ID INFORMATION          09:47:34

User ID       : MAUYYY
Name          : XXXXXXXX, XXXXX
Location      : R 1 720 - NEW ORLEANS REGION
Phone         : ( 999 ) 999 - 9999
Fax           : ( 999 ) 999 - 9999
Supervisor    : MAUXXX

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---
Help          Retn
    
```

Figure 2 - User Information Display

Delete old Screen View Log records in Production database

There are three programs that are included in the deletion process. These are executed monthly in job MEM0365.

- MEASVLZ1 - Extract records From Screen View Log file that are older than 12 months.
- MEASVLZ2 - Use the extracted records created in MEASVLZ1 to print the records that will be deleted. Two reports are created for INFOPAC; one to show all records deleted; one that shows any errors. The report names are:

MEM0365R1 - MEDS SCREEN VIEWED MONTHLY REPORT

MEM0365R9 - MEDS SCREEN VIEWED MONTHLY REPORT – ERRORS

- MEASVLZ3 - Delete extracted Screen View Log File records in the production database.

Delete old Screen View Log records in other databases

The System Start-up Routine (MEDS) program will delete all the Screen View Log records older than one month for a person using the person's User Id as key. This deletion will only apply when the person is in database Test, UAT or Training.

Database Information

File Layouts

ME-SCREEN-VIEW-LOG - MEDS Screen View Log

| Level | Type | Field Name | Format | Description | Supp | FK |
|-----------------|------|-------------|--------|---|------|----|
| 1 | | TRAN-ID | A7 | Transaction id of the viewed screen | Y | |
| 1 | | RECORD-KEY | A40 | Record key of the viewed screen record | Y | |
| 1 | | STACK-DATA | A40 | Display action and key values of viewed record separated by a comma | Y | |
| Standard fields | | | | | | |
| 1 | | LOG-COUNTER | P15 | Identifies the number of times that this record has been updated. (Although not required it is a standard file field and part of the currently used object subprogram Natural Construct model.) | | |
| 1 | | UPDATE-USER | A8 | Identifies the user that last updated this record. | | |
| 1 | | UPDATE-PGM | A8 | Identifies the program that last updated this record. | | |
| 1 | | UPDATE-DT | N8 | Identifies the date of the last update of this record (EM=YYYYMMDD). | | |
| 1 | | UPDATE-TM | N7 | Identifies the time of the last update of this record (EM=HHIISST). | | |

Descriptors and Super-Descriptors:

- Log-By-Entry (Tran Id / Record Key / Update Date / Update Time)
- Log-By-Time (Update Date / Tran Id / Record Key / Update Time)
- Log-By-User (Update User / Update Date / Update Time)

Appendix A

List of screen transactions

This list shows to which screen a transaction will be transferred.

As example, if an analyst does an inquiry using transaction PERQS, then the system will store the first person on this screen with transaction PERS as transfer transaction on the Screen View Log file.

1. APPL (APPLICATION)

| Transaction | Description | Transfer |
|-------------|--|-------------|
| AMEM | APPLICANT MEMBER MAINTENANCE | AMEM |
| PNDA | Pending Application Inquiry by Worker | PNDA |

2. BUDGET BUDGET TRANSACTIONS

| Transaction | Description | Transfer |
|-------------|--------------------------------|----------|
| PIES | BDGT PERSN MTH INC/EXP SUMMARY | PIES |

3. CERT CERTIFICATION MAINTENANCE

| Transaction | Description | Transfer |
|-------------|----------------------------|----------|
| CERT | CERTIFICATION PERIOD MAINT | CERT |

4. INQUIRY CASE-PERSON INQUIRIES

| Transaction | Description | Transfer |
|-------------|--------------------------------|----------|
| AUINQ | AU MEMBER INQ BY CASE/CERT PRD | AUINQ |
| CASON | CASE INQUIRY BY NAME, PARISH | CASE |
| CSUM | CASE SUMMARY INQUIRY | CSUM |
| DTAIL | CASE SUMMARY INQUIRY | CASE |
| PERQE | PERSON INQ BY SECONDARY NAME | PERS |
| PERQL | PERSON INQUIRY BY LAMI PID | PERS |
| PERQM | PERSON INQUIRY BY MAIDEN NAME | PERS |
| PERQN | PERSON INQ BY NAME/PAR/BIRTH | PERS |
| PERQS | PERSON INQUIRY BY SSN | PERS |

5. WORKER WORKER TRANSACTIONS

| Transaction | Description | Transfer |
|-------------|---------------------------|----------|
| ABSP | ABSENT PARENT MAINTENANCE | ABSP |
| ABSPQ | ABSENT PARENT INQUIRY | ABSPQ |
| AUMEM | AU MEMBER MAINTENANCE | AUMEM |
| CASE | CASE MAINTENANCE | CASE |
| CMEM | CASE MEMBER MAINTENANCE | CMEM |
| ELIG | ELIGIBILITY DETER MAINT | ELIG |
| INCM | PERSON GROSS INCOME MAINT | INCM |
| LCASE | LASES CASE | LCASE |
| LCHLD | LASES CASE CHILD | LCHLD |
| PERS | PERSON MAINTENANCE | PERS |