*R*TIME Dynamic Message Summary Display*

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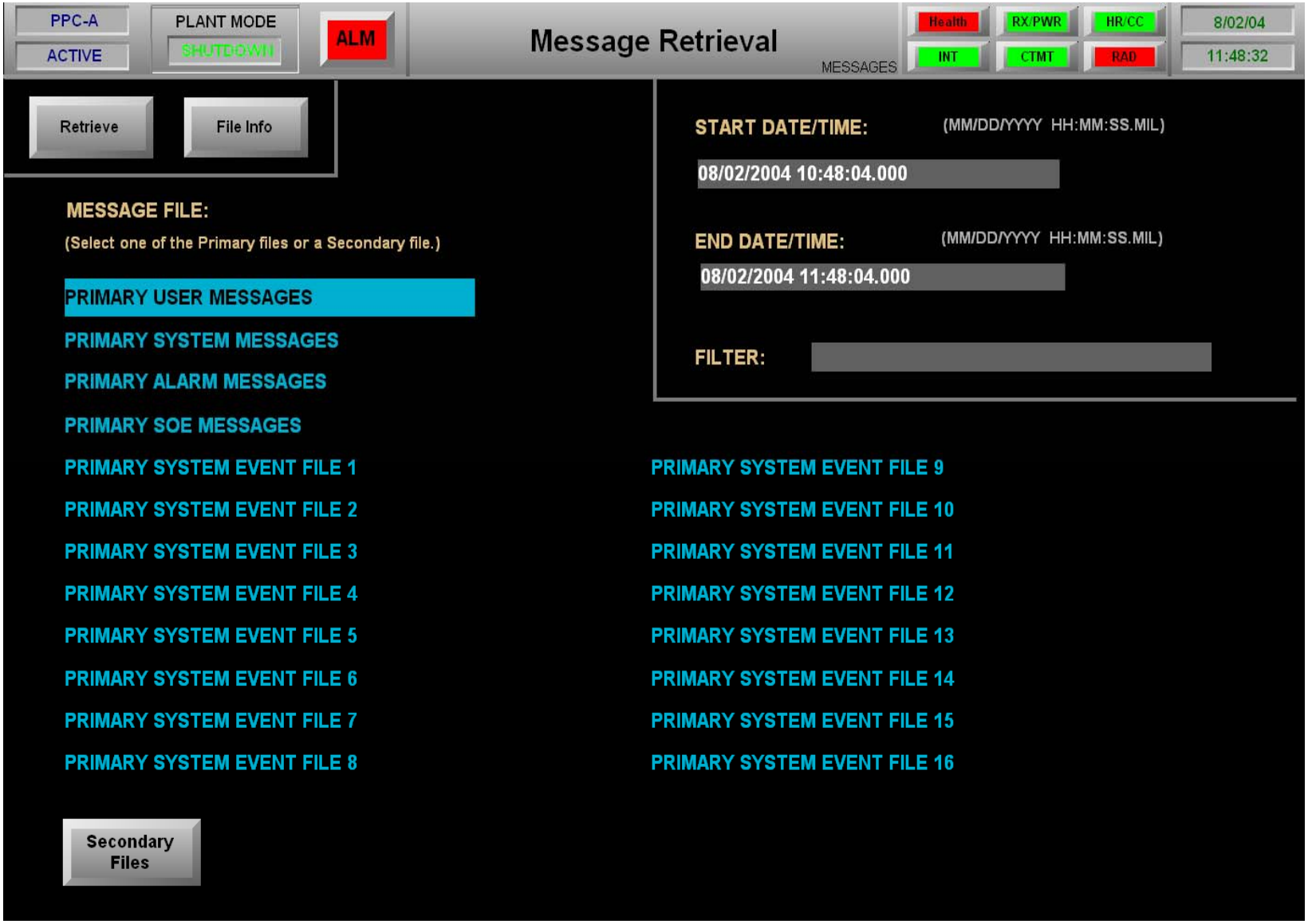
*R*TIME System Files*

- System Files include:
  - System Messages
  - User Messages
  - Alarm Messages
  - SOE Messages
  - 16 System Event Files
- System Files reside in the %RTIMEHOME%\unit\messages\local directory.

Message Retrieval Display

- Existing Message Retrieval Display
  - Requires user action for any output.
  - Report driven output.

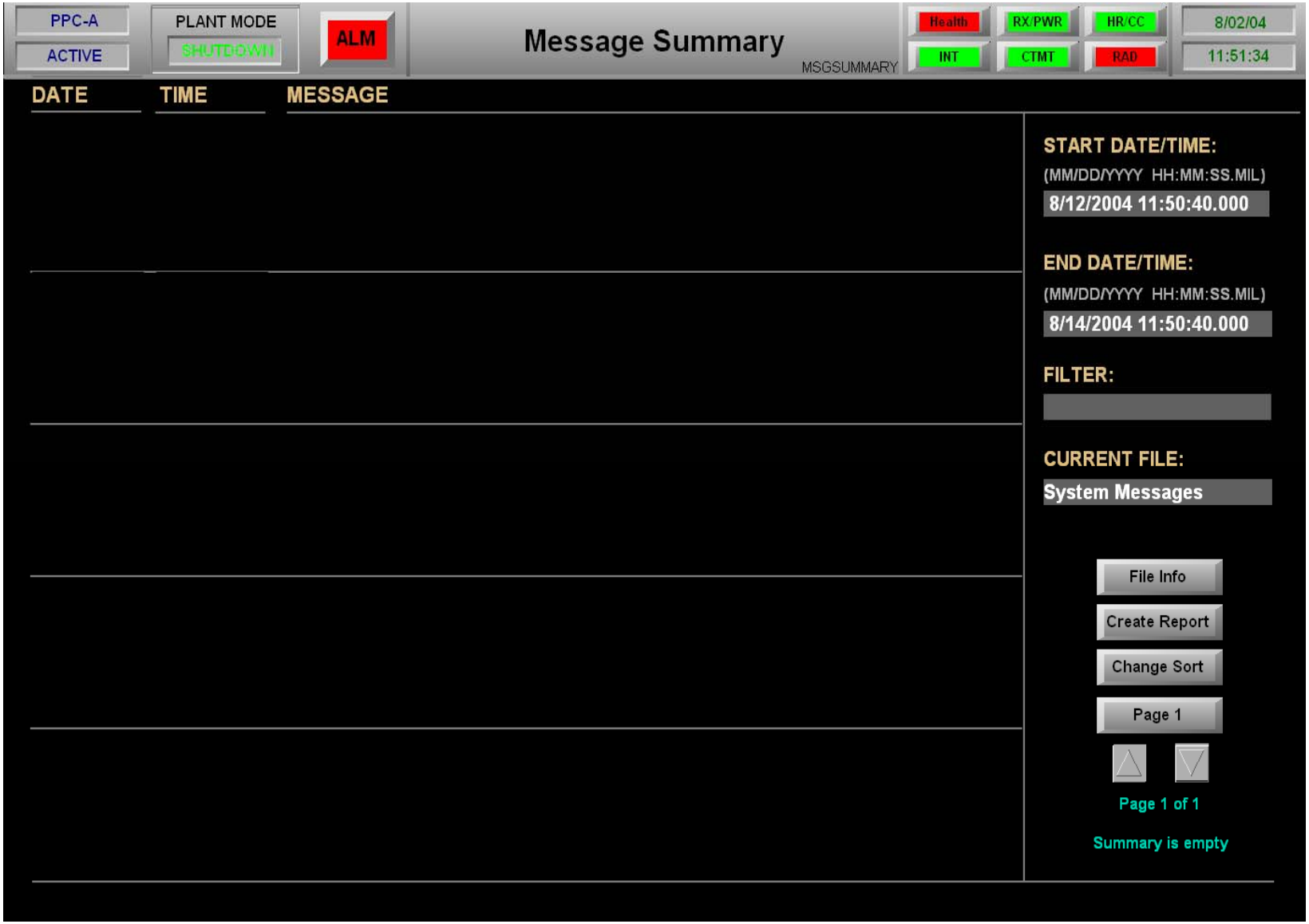

PPC-A
ACTIVE
PLANT MODE
SHUTDOWN
ALM
Message Retrieval
MESSAGES
Health
RX/PWR
HR/CC
INT
CTMT
RAD
8/02/04
11:48:32
Retrieve
File Info
START DATE/TIME:
(MM/DD/YYYY HH:MM:SS.MIL)
08/02/2004 10:48:04.000
END DATE/TIME:
(MM/DD/YYYY HH:MM:SS.MIL)
08/02/2004 11:48:04.000
FILTER:
MESSAGE FILE:
(Select one of the Primary files or a Secondary file.)
PRIMARY USER MESSAGES
PRIMARY SYSTEM MESSAGES
PRIMARY ALARM MESSAGES
PRIMARY SOE MESSAGES
PRIMARY SYSTEM EVENT FILE 1
PRIMARY SYSTEM EVENT FILE 2
PRIMARY SYSTEM EVENT FILE 3
PRIMARY SYSTEM EVENT FILE 4
PRIMARY SYSTEM EVENT FILE 5
PRIMARY SYSTEM EVENT FILE 6
PRIMARY SYSTEM EVENT FILE 7
PRIMARY SYSTEM EVENT FILE 8
PRIMARY SYSTEM EVENT FILE 9
PRIMARY SYSTEM EVENT FILE 10
PRIMARY SYSTEM EVENT FILE 11
PRIMARY SYSTEM EVENT FILE 12
PRIMARY SYSTEM EVENT FILE 13
PRIMARY SYSTEM EVENT FILE 14
PRIMARY SYSTEM EVENT FILE 15
PRIMARY SYSTEM EVENT FILE 16
Secondary Files

Dynamic Message Summary Display

- Dynamic Message Retrieval Display Features
  - Dynamically updates the display based on new messages.
  - Allows user to filter data by time, string, and file.
  - Allows user to sort messages chronologically or reverse chronologically.
  - Allows user to create a printable report of the displayed data.
  - Allows paging through the displayed messages.

Dynamic Message Summary Display

- Dynamic Message Retrieval Display Features
  - Allows user to see start/end time of the selected file.
  - Allows user to customize aliases for R*TIME System event files.
  - Allows user to customize which System Event file is loaded when coming from a specific display.


PPC-A
ACTIVE
PLANT MODE
SHUTDOWN
ALM
Message Summary
MSGSUMMARY
Health
RX/PWR
HR/CC
INT
CTMT
RAD
8/02/04
11:51:34
DATE
TIME
MESSAGE
START DATE/TIME:
(MM/DD/YYYY HH:MM:SS.MIL)
8/12/2004 11:50:40.000
END DATE/TIME:
(MM/DD/YYYY HH:MM:SS.MIL)
8/14/2004 11:50:40.000
FILTER:
CURRENT FILE:
System Messages
File Info
Create Report
Change Sort
Page 1
Page 1 of 1
Summary is empty

Custom Configuration

- Configuration is available via the MsgSummary.ini file. Located in the %RTIMEHOME%\data directory.
- Configuration allows:
  - Aliases on the R*TIME System Event Files.
  - Loading specified files when coming from a default display.

MsgSummry.ini File

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* MsgSummary.ini is used to configure the aliases for the SYSTEM EVENT file logs

* as well as define which file to default to when MsgSummary display is started

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* The ALIAS defines the Aliases for the 16 SYSTEM EVENT files

* This is what is displayed in the Pick list

* This DISPLAY defines which file to default to when the MsgSummary is started from that specific display

MsgSummary.ini File (Cont.)

```
[FILE 1]
* SYSTEM EVENT FILE 1
ALIAS=DCC X
DISPLAY=DFRCS_MENU

[FILE 2]
* SYSTEM EVENT FILE 2
ALIAS=RAGEMS
DISPLAY=RAGEMS_MENU

[FILE 3]
* SYSTEM EVENT FILE 3
ALIAS=RWM
DISPLAY=RWM_MENU
*Continues Through 16
```