



RESOURCE AND PATIENT MANAGEMENT SYSTEM

CIA Generic Retrieval Utility

(GRU)

Installation Guide and Release Notes

Version 1.4 February 2012

Office of Information Technology (OIT) Division of Information Resource Management Albuquerque, New Mexico

Table of Contents

1.0	Releas	e Notes	1
2.0	Installa	ation Notes	2
	2.1 2.2 2.3 2.3.1 2.3.2 2.4	General Information Contents of Distribution Required Resources RPMS Minimum Server Requirements Client PC Requirements Before You Begin: Installation Issues	2 2 2 2 2 3
			_
3.0	Installa	ation Instructions	4
3.0 4.0	Installa Sample	ation Instructions e Installations	4 5
3.0 4.0	Installa Sample 4.1 4.2	ation Instructions e Installations Sample Client GRU Installation Sample RPMS GRU Installation	 4 5 9
3.0 4.0 5.0	Installa Sampl 4.1 4.2 Installa	ation Instructions e Installations Sample Client GRU Installation Sample RPMS GRU Installation ation Configuration	4 5 9 13
3.0 4.0 5.0 Acro	Installa Sampl 4.1 4.2 Installa nym Lis	ation Instructions e Installations Sample Client GRU Installation Sample RPMS GRU Installation ation Configuration	4 5 9 13 18

Preface

This manual contains the installation guide for the Generic Retrieval Utility (GRU) v1.4 package. Included are installation instructions and a sample installation session.

Rules of Behavior

All Resource and Patient Management System (RPMS) users are required to observe Indian Health Services (IHS) Rules of Behavior regarding patient privacy and the security of both patient information and IHS computers and networks.

Warning: GRU is intended for use with the certified EHR to monitor the RPMS Audit Log for monitoring user access to patients and what data was entered or changed. Although other files are searchable, the GRU is not a replacement for standard FileMan searching at this time. Use with caution, and check search results carefully.

1.0 Release Notes

The Generic Retrieval Utility is an extremely powerful tool that permits constructing and executing complex queries against FileMan databases using an intuitive graphical user interface (GUI). Results of queries may be viewed, exported to external applications, or output in a variety of customizable report formats.

2.0 Installation Notes

Prefix: GRU

Current Version: 1.4

Warning:Read entire notes file prior to attempting any installation.

2.1 General Information

- Make a copy of this distribution for offline storage.
- Print all notes/readme files.

2.2 Contents of Distribution

File	Description
gru_0140.zip	
gru_0140.k	
gru_014i.pdf	
gru_014t.pdf	
gru_014u.pdf	

2.3 Required Resources

2.3.1 RPMS Minimum Server Requirements

- Cache version 5.0
- Kernel version 8.0
- RPC Broker version 1.1

2.3.2 Client PC Requirements

- Microsoft Windows 2000 or XP
- Microsoft .NET Framework 2.0 service pack 2 or later
- Microsoft Data Access Components (MDAC) current version

2.4 Before You Begin: Installation Issues

In order to properly install the Generic Retrieval Utility, the installer must have the following:

- Access to the GRU_0140.zip file.
- A temporary directory where the zip files are to be extracted for installation.
- The directory location where GRU is to be installed.
- The IP Address or Hostname of the RPMS server(s) being accessed by GRU.
- The Port # of the RPMS server(s) being accessed by GRU.

3.0 Installation Instructions

The installation file is a zip file named GRU.xxxx, where xxxx is the version and contains:

- Installation executable gru_0140.exe
- KIDS build file gru_0140.k

To install the client portion of the application:

- 1. Launch the gru_0140.exe installer:
 - The **gru_0140.exe** contains the boot strap logic for the Microsoft installer that then uses the content of the **gru.msi** file. **gru.exe** is the Generic Retrieval Utility run file.
 - The **gru.msi** contains the installation content for the Generic Retrieval Utility application, and is not executed by the end user (for example, installation personnel).
- 2. The **gru_0140.k** file contains the KIDS portion of the package and must be installed using the KIDS menu options.

4.0 Sample Installations

4.1 Sample Client GRU Installation

This section shows sample installations for the GRU:

1. Open the zip file (Figure 4-1).

📔 GRU.0140.zip							
File Edit View F	avorites Tools	Help					📲
😋 Back 👻 🕥 🗸	🏂 🔎 Sea	rch 陵 Fr	olders	🗳 遂	X	9	
Address 🚹 C:\Docum	ents and Settings\f	ay.struble\M	y Docume	nts\GRU.0)140.zip		💌 🄁 Go
Name 🔺	Туре	Packed	Has	Size	Ra	Date	
😼 gru.msi	Windows Inst	4,939 KB	No	5,036	2%	9/7/2011 3:50 PM	
📰 gru_0140.exe	Application	183 KB	No	456 KB	60%	9/7/2011 3:50 PM	
🖬 gru_0140.t1k	T1K File	34 KB	No	153 KB	79%	9/7/2011 3:50 PM	
🗐 gru_0140.t1sac.txt	Text Document	4 KB	No	19 KB	83%	9/7/2011 3:50 PM	
🔄 🔮 gru_014i.doc	Microsoft Offic	328 KB	No	436 KB	25%	9/7/2011 3:49 PM	
🚺 🔁 gru_014i.pdf	Adobe Acroba	228 KB	No	272 KB	17%	9/7/2011 3:49 PM	
🛯 🔮 gru_014u.doc	Microsoft Offic	371 KB	No	542 KB	32%	9/7/2011 3:50 PM	
📘 🔁 gru_014u.pdf	Adobe Acroba	382 KB	No	451 KB	16%	9/7/2011 3:50 PM	

Figure 4-1: Zip File Directory example

2. Select **Extract All** from the **File** menu to use the **Extraction Wizard** (Figure 4-2) to extract the zip file to a temporary folder.



Figure 4-2: Zip File Extraction Wizard

3. Click **Next** to select the destination folder (Figure 4-3).

Extraction Wizard	×
Select a Destination Files inside the ZIP a choose.	archive will be extracted to the location you
	Select a folder to extract files to. Files will be extracted to this directory: Ind Settings\fay.struble\My Documents\GRU.0140 Browse Password
	Extracting
	< Back Next > Cancel

Figure 4-3: Selecting a Destination

4. Select the directory to which to extract the installation files. Click **Next**. The installation files are extracted to the selected directory and the Extraction Complete dialog displays (Figure 4-4).

Extraction Wizard	
Extraction Complete Files have been succ	cessfully extracted from the ZIP archive.
	Files have been successfully extracted to the following directory: C:\Documents and Settings\fay.str\GRU.0140 To see your extracted files, check the box below: Show extracted files Press finish to continue.
	K Back Finish Cancel

Figure 4-4: Extraction Complete

5. Select **Show extracted files** and click **Finish**. Windows Explorer (Figure 4-5) launches showing the files in the directory.

🗁 GRU.0140				
File Edit View Favorites T	ools Help			27
🕞 Back + 🛞 + 🏂 🎾) Search 🛛 😥 Fol	ders 🕼 🎲 🗙	(19 🔠 -	
Address 🛅 C:\Documents and Set	tings\fay.struble\My	Documents\GRU.0140		💌 🄁 Go
Name 🔺	Size	Туре	Date Modified	
🔂 gru.msi	5,589 KB	Windows Installer Pa	9/9/2011 12:08 PM	
🖳 🖳 gru_014i.doc	436 KB	Microsoft Office Wor	9/9/2011 12:08 PM	
🛛 🔁 gru_014i.pdf	428 KB	Adobe Acrobat Doc	9/9/2011 12:08 PM	
🖳 🐏 gru_014u.doc	542 KB	Microsoft Office Wor	9/9/2011 12:08 PM	
🛛 🔁 gru_014u.pdf	451 KB	Adobe Acrobat Doc	9/9/2011 12:08 PM	
🛛 🔯 gru_0140.exe	456 KB	Application	9/9/2011 12:08 PM	
🛛 🔄 gru_0140.t1k	153 KB	T1K File	9/9/2011 12:08 PM	
🗐 gru_0140.t1sac.txt	19 KB	Text Document	9/9/2011 12:08 PM	

Figure 4-5: File Directory Example with New .exe File

6. Locate the file **gru_0140.exe** and double-click it. The **Open File** dialog box appears (Figure 4-6).

Open File	- Security Warning
The pu run thi:	ublisher could not be verified. Are you sure you want to s software?
	Name: gru_0140.exe
	Publisher: Unknown Publisher
	Type: Application
	From: C:\Documents and Settings\fay.struble\My Docume
	Run Cancel
🔽 Alwa	ays ask before opening this file
8	This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. <u>How can I decide what software to run?</u>

Figure 4-6: Open File dialog

7. Click **Run** to start the installation. The **Generic Retrieval Utility Setup Wizard** dialog (Figure 4-7) appears.

🖶 Generic Retrieval Utility	_ 🗆 🗙
Welcome to the Generic Retrieval Utility Setup Wizard	
The installer will guide you through the steps required to install Generic Retrieval Uti computer.	lity on your
WARNING: This computer program is protected by copyright law and international Unauthorized duplication or distribution of this program, or any portion of it, may resu or criminal penalties, and will be prosecuted to the maximum extent possible under th	reaties. It in severe civil he law.
Cancel KBack	Next >

Figure 4-7: Generic Retrieval Utility Setup Wizard dialog

8. Click **Next** to start the install. The **gru_0140.exe** is a self-extracting installation file. The Select Installation Folder dialog (Figure 4-8) displays.

🕼 Generic Retrieval Utility 📃 🗆 🗙
Select Installation Folder
The installer will install Generic Retrieval Utility to the following folder. To install in this folder, effek "New", To install to a different folder, entry it folger or first "Resume".
To install in this folder, click. Next , To install to a dimerent folder, enter it below of click. Browse , Folder:
C:\Program Files\VueCentric\Generic Retrieval Utility\ Browse
Disk Cost
Install Generic Retrieval Utility for yourself, or for anyone who uses this computer:
© Everyone
O Just me 🤟
Cancel < Back Next >

Figure 4-8: Select Installation Folder dialog

- If necessary, click Browse and navigate to the folder C:\Program Files\VueCentric\Generic Retrieval Utility\. Select the folder to place its fully qualified path into the Folder field.
- 10. Select Everyone.

Note: Ensure that the **Everyone** option is selected.

11. Click Next. The Confirm Installation dialog (Figure 4-9) appears:

😴 Generic Retrieval Utility			×
Confirm Installation			
The installer is ready to install Generic Re	strieval Utility on you	r computer.	
Click "Next" to start the installation.			
	Cancel	< Back	Next >

Figure 4-9: Confirm Installation dialog

12. Click **Next**. The GRU application installs (Figure 4-10).

🚏 Generic Retrieval Utility			_ 🗆 🗵
Installing Generic Retrie	eval Utility		
Generic Retrieval Utility is being installed			
Please wait			
	Cancel	< Back	Next >

Figure 4-10: Installing GRU

13. The installation is complete (Figure 4-11).



Figure 4-11: Installation Complete

14. Click **Close** to dismiss the dialog.

4.2 Sample RPMS GRU Installation

The following is a sample RPMS installation of the Generic Retrieval Utility:

```
Setting up programmer environment
This is a TEST account.
Access Code:
Setting up programmer environment
This is a TEST account.
Terminal Type set to: C-VT100
Select OPTION NAME: akmoeve IHS Kernel
```

Installation Guide and Release Notes February 2012

1 IHS Core ... 2 Device Management ... 3 VA FileMan ... 4 Manage Mailman ... Menu Management ... 5 6 Taskman Management ... User Management ... 7 8 Programmer Options ... 9 Operations Management ... Information Security Officer Menu ... 10 Spool Management ... 11 EHR RPMS-EHR Configuration Master Menu ... You have PENDING ALERTS Enter "VA to jump to VIEW ALERTS option Select IHS Kernel Option: programmer Options KIDS Kernel Installation & Distribution System ... Programmer mode PG Delete Unreferenced Options Error Processing ... Global Block Count List Global Routine Tools ... You have PENDING ALERTS Enter "VA to jump to VIEW ALERTS option Select Programmer Options Option: k Kernel Installation & Distribution Sys-tem Edits and Distribution ... Utilities ... Installation ... Patch Monitor Main Menu ... You have PENDING ALERTS Enter "VA to jump to VIEW ALERTS option Select Kernel Installation & Distribution System Option: installation 1 Load a Distribution Verify Checksums in Transport Global 2 3 Print Transport Global 4 Compare Transport Global to Current System 5 Backup a Transport Global 6 Install Package(s) Restart Install of Package(s) Unload a Distribution You have PENDING ALERTS Enter "VA to jump to VIEW ALERTS option Select Installation Option: 1 Load a Distribution Enter a Host File: c:\IHS\Patch8\gru_0140.k KIDS Distribution saved on Feb 22, 2011@07:30:02 Comment: Generic Retrieval Utility 1.4

Installation Guide and Release Notes February 2012

This Distribution contains Transport Globals for the following Package(s): Build GENERIC RETRIEVAL UTILITY 1.4 has been loaded before, here is when: GENERIC RETRIEVAL UTILITY 1.4 Install Completed was loaded on Sep 07, 2010@10:05:26 OK to continue with Load? NO// y YES Distribution OK! Want to Continue with Load? YES// Loading Distribution ... Build GENERIC RETRIEVAL UTILITY 1.4 has an Environmental Check Routine Want to RUN the Environment Check Routine? YES// GENERIC RETRIEVAL UTILITY 1.4 Will first run the Environment Check Routine, CIAOINIT USE INSTALL NAME: GENERIC RETRIEVAL UTILITY 1.4 to install this Distribution. Load a Distribution 1 Verify Checksums in Transport Global 2 3 Print Transport Global 4 Compare Transport Global to Current System 5 Backup a Transport Global 6 Install Package(s) Restart Install of Package(s) Unload a Distribution You have PENDING ALERTS Enter "VA to jump to VIEW ALERTS option Select Installation Option: 6 Install Package(s) Select INSTALL NAME: GENERIC RETRIEVAL UTILITY 1.4 Loaded from Dis-Loaded from Distribution 2/22/11@14:51:15 tribution => Generic Retrieval Utility 1.4 ;Created on Feb 22, 2011@07:30:02 This Distribution was loaded on Feb 22, 2011@14:51:15 with header of Generic Retrieval Utility 1.4 ;Created on Feb 22, 2011@07:30:02 It consisted of the following Install(s): GENERIC RETRIEVAL UTILITY 1.4 Checking Install for Package GENERIC RETRIEVAL UTILITY 1.4 Will first run the Environment Check Routine, CIAOINIT Install Ouestions for GENERIC RETRIEVAL UTILITY 1.4 Incoming Files: 8989.51 PARAMETER DEFINITION (including data) Note: You already have the 'PARAMETER DEFINITION' File. I will REPLACE your data with mine. 8989.52 PARAMETER TEMPLATE (including data) Note: You already have the 'PARAMETER TEMPLATE' File. I will REPLACE your data with mine. 19930.2 VUECENTRIC OBJECT REGISTRY (including data) Note: You already have the 'VUECENTRIC OBJECT REGISTRY' File. I will OVERWRITE your data with mine. 19930.3 VUECENTRIC TEMPLATE REGISTRY (including data) Note: You already have the 'VUECENTRIC TEMPLATE REGISTRY' File.

Installation Guide and Release Notes February 2012

```
I will OVERWRITE your data with mine.
  19941.21 CIA EVENT TYPE (including data)
Note: You already have the 'CIA EVENT TYPE' File.
I will OVERWRITE your data with mine.
  19950.41 GENERIC RETRIEVAL DEFINITION
Note: You already have the 'GENERIC RETRIEVAL DEFINITION' File.
  19950.42 GENERIC RETRIEVAL ITEM
Note: You already have the 'GENERIC RETRIEVAL ITEM' File.
  19950.43 GENERIC RETRIEVAL DATATYPE (including data)
Note: You already have the 'GENERIC RETRIEVAL DATATYPE' File.
I will OVERWRITE your data with mine.
  19950.44 GENERIC RETRIEVAL OPERATOR (including data)
Note: You already have the 'GENERIC RETRIEVAL OPERATOR' File.
I will OVERWRITE your data with mine.
  19950.45 GENERIC RETRIEVAL VALUE TYPE (including data)
Note: You already have the 'GENERIC RETRIEVAL VALUE TYPE' File.
I will OVERWRITE your data with mine.
  19950.46 GENERIC RETRIEVAL COMPUTED VALUE
Note: You already have the 'GENERIC RETRIEVAL COMPUTED VALUE' File.
  19950.49 GENERIC RETRIEVAL RESULT
Note: You already have the 'GENERIC RETRIEVAL RESULT' File.
Enter the Device you want to print the Install messages.
Enter a '^' to abort the install.
DEVICE: HOME//
                        GENERIC RETRIEVAL UTILITY 1.4
Install Started for GENERIC RETRIEVAL UTILITY 1.4 :
              Feb 22, 2011@14:51:57
Build Distribution Date: Feb 22, 2011
Installing Routines:
              Feb 22, 2011@14:51:57
Running Pre-Install Routine: PRE^CIAOINIT
 Saving local object registry settings...
 Creating new object categories...
 Installing Data Dictionaries:
              Feb 22, 2011@14:51:57
 Installing Data:
              Feb 22, 2011@14:51:57
 Installing PACKAGE COMPONENTS:
 Installing REMOTE PROCEDURE
```

Installation Guide and Release Notes February 2012

```
Installing OPTION
              Feb 22, 2011@14:51:57
 Running Post-Install Routine: POST^CIAOINIT
 Restoring local object registry settings...
 Setting up default site parameters...
Updating Routine file ...
Updating KIDS files...
GENERIC RETRIEVAL UTILITY 1.4 Installed.
              Feb 22, 2011@14:51:57
No link to PACKAGE file
NO Install Message sent
Install Completed
  1
         Load a Distribution
         Verify Checksums in Transport Global
   2
        Print Transport Global
  3
        Compare Transport Global to Current System
  4
        Backup a Transport Global
  5
        Install Package(s)
  6
        Restart Install of Package(s)
         Unload a Distribution
You have PENDING ALERTS
        Enter "VA to jump to VIEW ALERTS option
Select Installation Option:
```

Figure 4-12: RPMS installation of the Generic Retrieval Utility

5.0 Installation Configuration

1. To create a desktop shortcut to the **gru_0140.exe** file to simplify running the program, right-click anywhere on to the desktop, and select the **Shortcut** option from the **New** menu item (Figure 5-1).

Arrange Icons By Refresh	•
Paste Paste Shortcut Undo Delete	Ctrl+Z
Graphics Properti Graphics Options	es
SVN Checkout	•
New	•
Properties	

Figure 5-1: Desktop Shortcut Creation

The Create Shortcut dialog (Figure 5-2) displays.

Create Shortcut	×		
	This wizard helps you to create shortcuts to local or network programs, files, folders, computers, or Internet addresses.		
	Type the location of the item:		
R	es\VueCphtric\Generic Retrieval Utility\/ Browse		
	Click Next to continue.		
	< Back Next > Cancel		

Figure 5-2: Create Shortcut dialog

- 2. Click **Browse** and navigate to the location of the installed gru.exe file.
- 3. Select the file **gru.exe**. In the example, this location was **C:\Program Files\VueCentric\Generic Retrieval Utility\gru.exe**.
- 4. Click **Next** to display the **Select a Title for the Program** dialog (Figure 5-3).

Select a Title for the Pro	ogram 🔀
	Type a name for this shortcut:
R	Click Finish to create the shortcut.
	< Back Finish Cancel

Figure 5-3: Select a Title for the Program dialog

- 5. Type the name for the shortcut in the field.
- 6. Click Finish. An icon appears on the desktop (Figure 5-4).



Figure 5-4: GRU Icon

7. Double-click the icon to configure the Generic Retrieval Utility for the first time. The Define Server Parameters dialog displays (Figure 5-5).

💯 Generic	Retrieval	Utility						_ _ _ _ _
Load	-	😢 Abort	× Delete	Ref	resh Query	?{] 🥑 Manager Help		
	QUEF	RY		TASK ID	STATUS	STARTED	COMPLETED	RETRIEVED SCANNED
				Define Se	erver Paramet	ers	×	
				Address:				
						OK.		
				Port:	UCI:	Cancel	1	
				🗖 Add (o server list			

Figure 5-5: Define Server Parameters dialog

- 8. Type the following in the listed field:
 - a. Address: The IP Address or Hostname of the server host.
 - b. **Port**: The port number at which the server is listening.
 - c. UCI: The namespace for the database.

Define Server Parameters		
Address:		
PROJWIN.IHS.MEDSPHERE.C		OK
Port: UCI 9799 PNI	: NE	Cancel
Add to server list		

Figure 5-6: Define Server Parameters dialog, filled in

- 9. To permanently add the entry to the server list, select **Add to server list**.
- 10. Click **OK**. The **Connect To** dialog appears (Figure 5-8) showing the permanent server list name.

Select a Server to Connect:		
PROJWIN-IHS		
<u>H</u> elp		
Port UCI		

Figure 5-7: Connect To dialog

To add additional servers to the list, select Add a server from the list (Figure 5-8).

Connect To		
Select a Server to Connect:		
PROJWIN-IHS	•	
PROJWIN-IHS		
Add a server		
	<u> </u>	
Address	Port UCI	
projwin.ihs.medsphere.com 9799 PNINE		

Figure 5-8: Connect To dialog, preparing to add another server

12. Click **OK**. This saves you from having to enter the data the next time GRU is started. The GRU (Generic Retrieval Utility) is now ready to use.

Acronym List

GUI	Graphical User Interface
IHS	Indian Health Service
MDAC	Microsoft Data Access Components
RPMS	Resource and Patient Management System

Contact Information

If you have any questions or comments regarding this distribution, please contact the OIT Help Desk (IHS).

Phone: (505) 248-4371 or (888) 830-7280 (toll free)

Fax: (505) 248-4363

Web: http://www.ihs.gov/GeneralWeb/HelpCenter/Helpdesk/index.cfm

Email: support@ihs.gov