



RESOURCE AND PATIENT MANAGEMENT SYSTEM

iCare Population Management GUI

(BQI)

Technical Manual

Version 2.7
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Table of Contents

1.0	Introduction.....	1
2.0	Orientation	2
3.0	Implementation and Maintenance	3
3.1	General Information	3
3.2	System Requirements	3
3.3	Package-wide Variables	4
3.4	Security Keys.....	4
4.0	Menu Diagram.....	6
5.0	Routine	7
5.1	Routine List.....	7
5.2	Routines with Description	7
5.3	Function List	8
5.3.1	\$\$AGE^BQIAGE	8
5.3.2	\$\$HME^BQIGPUTL.....	8
5.3.3	\$\$LKP^BQIGPUTL.....	9
5.3.4	\$\$MEAS^BQIGPUTL.....	9
5.3.5	\$\$SPM^BQIGPUTL.....	9
5.3.6	\$\$PAT^BQIIPBNL	9
5.3.7	\$\$PT^BQIIPBNL.....	10
5.3.8	\$\$OPAT^BQIIPOTC	10
5.3.9	\$\$PAT^BQIIPOTC.....	10
5.3.10	\$\$FIND^BQISCHED	10
5.3.11	\$\$PLID^BQIUG1	11
5.3.12	\$\$DATE^BQIUL1	11
5.3.13	\$\$FMTE^BQIUL1	11
5.3.14	\$\$FMTMDY^BQIUL1	11
5.3.15	\$\$HRN^BQIUL1	12
5.3.16	\$\$TKO^BQIUL1	12
5.3.17	\$\$TRIM^BQIUL1	12
5.3.18	\$\$VTHR^BQIUL1	12
5.3.19	\$\$VTWR^BQIUL1.....	13
5.3.20	\$\$CALR^BQIULPT	13
5.3.21	\$\$DPCP^BQIULPT.....	13
5.3.22	\$\$FLG^BQIULPT	13
5.3.23	\$\$HRNL^BQIULPT	14
5.3.24	\$\$LVDPCP^BQIULPT	14
5.3.25	\$\$LVDT^BQIULPT	14
5.3.26	\$\$MFLAG^BQIULPT	14
5.3.27	\$\$NAD^BQIULPT	15
5.3.28	\$\$SENS^BQIULPT.....	15

6.0	Files and Tables	16
6.1	File List	16
6.2	File Access	16
6.3	Cross-References.....	17
6.4	Table File.....	24
6.5	Callable Routines.....	45
6.6	Published Entry Points.....	45
7.0	Internal Relations	46
8.0	External Relations	47
8.1	8.1 External Calls.....	47
8.2	Callable Routines – Published Entry Points.....	49
8.3	Exported Options.....	49
9.0	Archiving and Purging	50
10.0	Documentation Resources	51
10.1	%INDEX Option	51
10.2	List File Attributes Option.....	51
11.0	SAC Requirements and Exemptions	53
12.0	Templates, Forms, and Protocols	54
12.1	Print Templates.....	54
12.2	Sort Templates	54
12.3	Input Templates	54
12.4	List Templates	54
12.5	Forms	54
12.6	Protocols.....	54
13.0	iCare Windows Client	55
13.1	Description of Development Environment.....	55
13.2	iCare RPMS Server Requirements.....	55
13.3	List of iCare GUI Dependencies	55
13.4	iCare Windows Client–Install %.....	56
13.5	iCare Windows Client — List of Object Classes	60
14.0	Accessibility Checklist	68
14.1	Indian Health Service (IHS) Section 508 36 CFR	68
	Glossary	73
	Acronym List	76
	Contact Information	78

Preface

The purpose of the Technical Manual is to provide technical information about the iCare Population Management (BQI) Graphical User Interface (GUI) package. The BQI package is designed to enable clinical case managers and providers to track, monitor, administer, and report on clinical care delivered to patients.

1.0 Introduction

The iCare Population Management GUI (BQI) software is a component of the Indian Health Service (IHS) Resource and Patient Management System (RPMS) that provides case management functions. Case management provides a mechanism to inform healthcare providers about single or multiple disease states and conditions and allows them to follow-up clinical interventions. RPMS applications can assist healthcare providers identify high-risk patients, proactively track care reminders and the health status of individuals or populations, provide appropriate care by embedding evidence-based guidelines, and report outcomes. Appropriate case management improves the delivery of care, as well as the outcome. In addition, there are documented fiscal benefits when appropriate case management is introduced into the healthcare business process model.

The Technical Manual provides IHS site managers with a technical description of the BQI routines, files, menus, cross references, globals, and other necessary information required to effectively manage the iCare Population Management GUI system.

All routines, files, options, keys and remote procedure calls (RPC) are namespaced starting with the letters BQI. The file number range for this package is 90505–90509.99.

BQI incorporates the Human Immunodeficiency Virus (HIV) Management System (HMS). The routines and files associated with the HMS are namespaced BKM and the file number range is 90450–90459.99.

BQI provides the first interface to Care Management Event Tracking (CMET) functionality. The CMET functionality allows sites to track specific events and follow them to completion. In CMET, the events that can be tracked are related to women's health. CMET offers users the ability to track an event, enter findings, recommend follow-up events, and create and document patient notifications.

2.0 Orientation

The iCare package has no RPMS menu options for users. The only RPMS preparation specifically needed to run iCare is to install the Kernel Installation and Distribution System (KIDS) package, assign the appropriate Remote Procedure Call (RPC) menu option to users, and set up the appropriate background jobs. The rest of the iCare package is run and managed on the personal computer client. See the *Installation Guide* for details on server and client installation and configuration.

Interaction between iCare and the RPMS system is accomplished entirely through the use of RPCs. All RPCs in this package begin with the namespace letters BQI.

3.0 Implementation and Maintenance

The iCare system is designed to work with RPMS through a Windows GUI application.

3.1 General Information

Table 3-1 shows the prerequisite patch requirements for successfully installing iCare Version 2.7.

Table 3-1: Prerequisite patch requirement

Package and Version	Associated Patch Designation(s)	Brief Patch Description
ICARE MANAGEMENT SYSTEM Version 2.5	BQI*2.6*1	iCARE Version 2.6 Patch 1
CRS (BGP)	v18.0	Clinical Reporting System v18.0

3.2 System Requirements

Table 3-2 shows the minimum versions of other packages that must be installed for iCare Version 2.7 to work properly.

Table 3-2: System requirements

Module	Minimum Version Needed	Recommended Version
VA FileMan (DI)	v22.0 Patch 1019	
VA Kernel (XU)	v8.0 Patch 1018	
BMXNet (BMX)	v4.0 Patch 4	
IHS/VA Utilities (XB)	v3.0 through Patch 11	
Patient Information Management System (PIMS)	v5.3 through Patch 1019	
IHS Clinical Reporting (BGP)	v18.0	
PCC Data Entry (APCD)	v2.0 through Patch 10	
PCC Health Summary (APCH)	v2.0 through Patch 17	
QMAN (AMQQ)	v2.0 through Patch 21	
Taxonomy (ATX)	v5.1 Patch 24	
HIV Management System (BKM)	v2.2 Patch 1	v2.2
IHS Asthma Register (BAT)	v1.0	
IHS PCC Suite (BJPC)	v2.0 Patch 20	

Module	Minimum Version Needed	Recommended Version
Referred Care Info System (BMC)	v4.0 Patch 11	v4.0 Patch 12
Patient Registration (AG)	v7.2 Patch 4	
Immunization (BI)	v8.5 Patch 14	v8.5 Patch 15
Electronic Health Record (EHR)	v1.1 Patch 22	
iCare Management System (BQI)	v2.6 Patch 1	
IHS User Security Audit (BUSA)	v1.0	
IHS MU Performance Reports (APCM)	v1.0 Patch 8	
IHS ICD/CPT Lookup & Grouper (AICD)	v4.0 Patch 1	
Text Integration Utilities (TIU)	v1.0 Patch 1018	v1.0 Patch 1019
Clinical Reminders (PXRМ)	v2.0 Patch 1007	
Diabetes Management System (BDM)	v2.0 Patch 10	v2.0 Patch 11
Designated Provider Mgt System (BDP)	v1.0 Patch 1	

3.3 Package-wide Variables

There are no package-wide BQI variables in RPMS.

3.4 Security Keys

Users who already have keys `AMHZ SUICIDE FORM ENTRY` and/or `APCDZ SUICIDE FORMS` will be assumed to have access to view suicide forms in iCare.

Table 3-3 lists the security keys which govern iCare that can be assigned to users.

Table 3-3: Security Keys

Key Name	Description
BQIZCMED	Assigned to iCare users who are allowed to edit care-management data. This includes editing existing RPMS register data.
BQIZMGR	Assigned to users who will manage the iCare system. It should not be assigned to the general RPMS user population.
BQIZTXED	Assigned to the small group of iCare users who are allowed to add and delete entries from site-specified taxonomies, such as Lab and Medication. This key should not be assigned to the general RPMS user population.
BQIZPCMGR	Assigned to the person who has been designated as the Improving Patient Care (IPC) Collaborative Coordinator.

Key Name	Description
BQIZEMPHLTH	Allows users to create and view an Employee Health Panel to monitor certain information about employees. Because of the sensitivity of the data, it should not be given to the general RPMS user population.
BQIZDSPM	Allows specific users in iCare to update the Designated Primary Care Provider.

4.0 Menu Diagram

There are no RPMS menus in the BQI system. Client menus are discussed in detail in the *BQI User Manual*.

5.0 Routine

5.1 Routine List

Table 5-1 lists the iCare routines being released in this version of iCare and does not include all iCare routines.

Table 5-1: Routine List for ICARE MANAGEMENT SYSTEM 2.7

Routine	Routine	Routine	Routine	Routine	Routine
BQI27POS	BQI27PRE	BQIDCAH1	BQIIPBNL	BQIIPCAT	BQIIPCCP
BQIIPCCT	BQIIPCHM	BQIIPCM	BQIIPCME	BQIIPCW	BQIPEMP
BQIIPMNU	BQIIPPNL	BQIIPPRV	BQIIPPT	BQIIPSNNG	BQIIPPTBL
BQIIPTM	BQIIPTVW	BQIIPUTL	BQIIPWKL	BQINIGH3	BQINIGHT
BQIPLUSR	BQISYSIT	BQITAXXU	BQIUTB2		

5.2 Routines with Description

Table 5-2 describes each routine being released in this version of iCare and does not include all iCare routines.

Table 5-2: Routines with Descriptions

Routine	Description
BQI27POS	Post-install routine
BQI27PRE	Pre-install routine
BQIDCAH1	Continuation program for BQIDCAH
BQIIPBNL	IPC Bundle Logic
BQIIPCAT	IPC Measure Categories
BQIIPCCP	IPC Continuity of Care routine
BQIIPCCT	Continuity of Care Team
BQIIPCHM	IPC Medical Home
BQIIPCM	Get the IPC Provider Monthly data
BQIIPCME	IPC Monthly Data Export by Provider
BQIIPCW	Get IPC Weekly Data by Provider
BQIPEMP	Get a total of empaneled patients
BQIIPMNU	IPC Monthly update routine
BQIIPPNL	IPC Panel aggregate routine
BQIIPPRV	IPC Provider Detail routine
BQIIPPT	IPC Patient Detail routine

Routine	Description
BQIIPSNB	IPC Update a single provider for a month period
BQIIPBTL	IPC Tables routine
BQIIPBTM	IPC Teams
BQIIPBTVW	IPC Tabs view routine
BQIIPBUTL	IPC Utility routine
BQIIPBWKL	Update Weekly
BQINIGH3	Nightly Job routine
BQINIGHT	Nightly Job routine
BQIPLUSR	User Preferences routine
BQISYSIT	System jobs routine
BQITAXXU	Update Taxonomies for pointers
BQIUTB2	Table utilities

5.3 Function List

5.3.1 \$\$AGE^BQIAGE

The \$\$AGE^BQIAGE program is copied from the computed AGE field (2,.033) that calculates the age of a person based on the date of birth (DOB) (2,.03) and either the current date (DT) or the date of death (DOD) (2,.351). The computed AGE field has been modified to use another date passed into this function instead of just the previous two dates, DT, and DOD (i.e., age as of the date passed). A qualifier may also be passed indicating that years (YRS), days (DYS), and months (MOS) should be returned.

- Input Parameter Description:
 - DO: Patient IEN
 - PDATE: Other date to compare against patient's DOB
 - QUAL: Include qualifier (YRS, DYS, MOS)
- Output Description:
 - Patient's age

5.3.2 \$\$HME^BQIGPUTL

Returns home site from the BGP SITE PARAMETERS file.

- Input Parameter Description:
 - N/A
- Output Description:

- BHOME: Returns the site (pointer to LOCATION FILE, #9999999.06)

5.3.3 \$\$LKP^BQIGPUTL

Returns the internal entry number in the ICARE SITE PARAMETERS file associated with the identified GPRA year.

- Input Parameter Description:
 - BQIGYR: The GPRA year, e.g. 2006
- Output Description:
 - Returns the IEN associated with BQIGYR

5.3.4 \$\$MEAS^BQIGPUTL

Returns the reverse direction code.

- Input Parameter Description:
 - CRS code which is YEAR_IEN
- Output Description:
 - Returns either null for normal direction or R for reverse direction

5.3.5 \$\$SPM^BQIGPUTL

Returns the IEN within the ICARE SITE PARAMETERS file.

- Input Parameter Description:
 - N/A
- Output Description:
 - Returns the IEN associated with ICARE SITE PARAMETERS file (#90508)

5.3.6 \$\$PAT^BQIIPBNL

Determines if patient meets bundle criteria.

- Input Parameter Description:
 - DFN: Patient's DFN
 - XX: Array of codes comprising the bundle.
- Output Description:
 - Returns a "N/A" if not applicable, "YES" if patient met all the bundle criteria, and "NO" if patient had no data available or did not meet all the bundle criteria.

5.3.7 \$\$PT^BQIIPBNL

For an IPC version, patient and bundle measure, returns a value of whether the patient meets the bundled measure or not

- Input Parameter Description:
 - DFN: Patient’s DFN
 - IPCN: IPC version IEN from 90508
 - CDN: Internal number of the measure
- Output Description:
 - Returns a “N/A” if not applicable, “YES” if patient met the all of the bundle criteria, and “NO” if patient did not meet all of the bundle criteria.

5.3.8 \$\$OPAT^BQIIPOTC

Gets the Outcome bundle by patient.

- Input Parameter Description:
 - CRN: Bundle internal entry number
 - DFN: Patient’s DFN
- Output Description:
 - Returns “N/A” if not applicable, “{D}” if deceased, “YES” if patient met all the bundle criteria, and “NO” if patient had no data available or did not meet all of the bundle criteria.

5.3.9 \$\$PAT^BQIIPOTC

Gets the sub-bundle value for the Outcome bundle components by patient.

- Input Parameter Description:
 - CRN: Bundle internal entry number
 - DFN: Patient’s DFN
 - CODE: Sub-Bundle code
- Output Description:
 - Returns a “N/A” if not applicable, “{D}” if deceased, “YES” if patient met all the bundle criteria, and “NO” if patient had no data available or did not meet all the bundle criteria.

5.3.10 \$\$FIND^BQISCHED

Returns the IEN for an option.

- Input Parameter Description:

- X: Option name, for example "BQI UPDATE TASK"
- Output Description:
 - X: The IEN of the option

5.3.11 \$\$PLID^BQIUG1

Returns a unique identifier for the panel using the following algorithm:

the OWNER_IEN concatenated with the PANEL_IEN padded out to 4 with leading zeroes.

- Input Parameter Description:
 - OWNR: Owner internal entry number
 - PLIEN: Panel internal entry number
- Output Description:
 - PLID - Unique Panel identifier

5.3.12 \$\$DATE^BQIUL1

Converts standard date/time to a FileMan date/time.

- Input Parameter Description:
 - DATE: Date/time in standard format
- Output Description:
 - Returns the date/time in FileMan format or a null if it was unsuccessful

5.3.13 \$\$FMTE^BQIUL1

Converts FileMan Date/Time to “MMM DD,CCYY HH:MM:SS” format.

- Input Parameter Description:
 - Y: FileMan date/time (e.g. 3051024.123456)
- Output Description:
 - Returns the Date/Time in External format (e.g. OCT 24,2005 12:34:56)

5.3.14 \$\$FMTMDY^BQIUL1

Converts FileMan date to MM/DD/YYYY format.

- Input Parameter Description:
 - DATE: Date in FileMan format
- Output Description:

- Returns the date in MM/DD/YYYY format

5.3.15 \$\$HRN^BQIUL1

Checks to see if patient has any active Health Record Numbers (HRNs).

- Input Parameter Description:
 - BQIDFN: Patient IEN
- Output Description:
 - Returns a “1” if the patient has at least one active HRN

5.3.16 \$\$TKO^BQIUL1

Takes off the ending character at the end of a string.

- Input Parameter Description:
 - STR: String of data
 - VAL: Character to be removed
- Output Description:
 - STR: Same STR without the trailing character(s)

5.3.17 \$\$TRIM^BQIUL1

Removes one or more leading characters in a string.

- Input Parameter Description:
 - STR: String of data
 - VAL: Character to be removed from the string
- Output Description:
 - Returns the same string of data without the leading character(s)

5.3.18 \$\$VTHR^BQIUL1

Finds the most recent visit in the last three years for patient.

- Input Parameter Description:
 - BQIDFN: Patient IEN
- Output Description:
 - 1 ^ Visit IEN ^ Visit date or 0 ^^ if no visit

5.3.19 \$\$VTWR^BQIUL1

Finds the most recent visit in the last two years for patient.

- Input Parameter Description:
 - BQIDFN: Patient IEN
- Output Description:
 - 1 ^ Visit IEN ^ Visit date or 0 ^ ^ if no visit

5.3.20 \$\$CALR^BQIULPT

Determines if the patient has community alerts associated with his/her community of residence.

- Input Parameter Description:
 - DFN: Patient IEN
- Output Description:
 - Returns a “Y” if there are associated community alerts or a “N” if there are none

5.3.21 \$\$DPCP^BQIULPT

Gets the patient's designated primary care provider.

- Input Parameter Description:
 - DFN: Patient IEN
- Output Description:
 - DPCPN^DPCPNM: DPCPN is the Primary Care Provider internal entry number and DPCPNM is the Primary Care Provider Name

5.3.22 \$\$FLG^BQIULPT

Obtains flag indicator for a specific user and panel.

- Input Parameter Description:
 - USR: User IEN
 - PANEL: Panel IEN
 - DFN: Patient IEN
- Output Description:
 - FLG: Returns a “Y” if the patient has an active flag

5.3.23 \$\$HRNL^BQIULPT

Returns a list of HRNs for a patient.

- Input Parameter Description:
 - DFN: Patient IEN
- Output Description:
 - List of all HRNs that a patient has on file in RPMS

5.3.24 \$\$LVDPCP^BQIULPT

Returns the last visit with the DPCP.

- Input Parameter Description:
 - DFN: Patient IEN
- Output Description:

The date or null

5.3.25 \$\$LVDT^BQIULPT

Gets the patient's last visit date/time.

- Input Parameter Description:
 - DFN: Patient IEN
- Output Description:

The date or null

5.3.26 \$\$MFLAG^BQIULPT

If the patient was manually added to a panel, returns the current manual flag status.

- Input Parameter Description:
 - USR: User IEN
 - PANEL: Panel IEN
 - DFN: Patient IEN
- Output Description:
 - “A” if the patient was manually added
 - “R” if the patient was manually remove
 - Blank if the patient was automatically added to the panel based on the associated criteria

5.3.27 \$\$NAD^BQIULPT

Get patient's next appointment date.

- Input Parameter Description:
 - DFN: Patient IEN
- Output Description:

The date or null

5.3.28 \$\$SENS^BQIULPT

Checks to see if patient is designated as Sensitive and returns a flag (Y or N) to indicate if the patient is Sensitive.

- Input Parameter Description:
 - DFN: Patient IEN
- Output Description:
 - FLAG: Returns a “Y” if the patient is sensitive or a “N” if not

6.0 Files and Tables

6.1 File List

Table 6-1 contains a list of files in this version.

Table 6-1: File List

File #	Filename	Description
90505	ICARE USER	This file contains all definitions defined for users of iCARE. These definitions include panel definitions and user preferences.
90505.4	ICARE PROVIDER	This file contains the history of IPC, MU, and CQM data for designated providers.
90505.6	ICARE FACILITY	This file contains the history of IPC, MU, and CQM data by facility.
90505.8	ICARE TEAM	This file contains the history of IPC data by care team.
90508	ICARE SITE PARAMETERS	This file contains any specific parameters defined for the site who has installed iCare, for example, the GPRA year and its summary measures.
90509.9	ICARE TEMPORARY DATA	This file will contain a list of any updates to glossaries that go out in an iCare release.

6.2 File Access

Table 6-2 contains the FileMan access to the files in this version. In most cases, the iCare FileMan access is “@” for programmer only access.

Table 6-2: File Access

File #	Filename	GL	RD	WR	LYG	DD	DEL
90505	ICARE USER	^BQICARE	@	@	@	@	@
90505.4	ICARE PROVIDER	^BQIPROV	@	@	@	@	@
90505.6	ICARE FACILITY	^BQIFAC	@	@	@	@	@
90505.8	ICARE TEAM	^BQITEAM	@	@	@	@	@
90508	ICARE SITE PARAMETERS	^BQI(90508,	@	@	@	@	@
90509.9	ICARE TEMPORARY DATA	^BQI(90509.9,	@	@	@	@	@

6.3 Cross-References

90505 ICARE USER

- .01 User
 - B Regular type cross reference
- .03 Specified Panel
 - SPNL Regular type cross reference

1 Panel Definition (90505.01)

- .01 Panel Name
 - B Regular type cross reference
- .06 Autopopulate Flag
 - AC Regular type cross reference
 - AC Whole file regular type cross reference
- 2.1 IPC Flag
 - AF Regular type cross reference
- 3.1 Autopopulate Order
 - MUMPS cross-reference
 - AF,Order#,Owner,Panel
- 3.7 Division
 - DIV Regular type cross-reference

4 Layout Templates (90505.14)

- .01 Layout Template
 - B Regular type cross reference
 - AD Regular Owner cross-reference
- .02 Type
 - C Regular type cross reference

10 Parameter Definition (90505.02)

- .01 Parameter Name
 - B Regular type cross reference
- .03 Specified Panel
 - SPNL Regular type cross reference

1 Multiple Parameters

- .01 Multiple Values
 - B Regular type cross reference

2 Assoc Parameters

- .01 Assoc Parameter
 - B Regular type cross-references

2 Assoc Parameters

- .01 Assoc Parameter
 - B Regular type cross reference

15 Filter Definition (90505.115)

- .01 Filter Name
 - B Regular type cross reference
- .02 Single Value
 - AD MUMPS type cross reference Owner, Panel Name, Owner, Panel IEN, Parameter IEN

1 Multiple Parameters

- .01 Multiple Values
 - B Regular type cross reference

2 Assoc Parameters

- .01 Assoc Parameter
 - B Regular type cross-references

2 Assoc Parameters

- .01 Assoc Parameter
 - B Regular type cross reference

20 Customized View (90505.05)

- .01 Customized View Field
 - B Regular type cross reference
- .02 Display Order
 - C Regular type cross reference
- .03 Sort Order
 - D Regular type cross reference

21 My Measures View (90505.13)

22 Reminders View (90505.122)

- .01 Reminder View
 - B Regular type cross reference
- .02 Display Order
 - AC Regular type cross reference
- .03 Sort Order
 - D Regular type cross reference

23 Source View (90505.123)

- .01 Source View
 - B Regular type cross reference

1 View Field

- .01 View Field
 - B Regular type cross reference

25 GPRA Field View (90505.125)

- .01 GPRA Field View Field
 - B Regular type cross reference
- .02 Display Order
 - C Regular type cross reference
- .03 Sort Order

D Regular type cross reference

26 Referrals View (90505.126)

- .01 Referral View
 - B Regular type cross reference
- .02 Display Order
 - C Regular type cross reference
- .03 Sort Order
 - D Regular type cross reference

27 Consults View (90505.127)

- .01 ConsultsView
 - B Regular type cross reference
- .02 Display Order
 - C Regular type cross reference
- .03 Sort Order
 - D Regular type cross reference

30 Shared Users (90505.03)

- .01 Shared User
 - B Regular type cross reference
 - C Regular type cross reference by Entire File

4 Layout Templates (90505.34)

- .01 Layout Template
 - B Regular type cross reference
 - AE Regular Owner cross-reference
- .02 Type
 - C Regular type cross reference

20 Customized View (90505.06)

- .01 Customized View Field
 - B Regular type cross reference
- .02 Display Order
 - C Regular type cross reference
- .03 Sort Order
 - D Regular type cross reference

21 My Measures View (90505.321)

22 Reminder View (90505.322)

- .01 Reminder View
 - B Regular type cross reference
- .02 Display Order
 - AC Regular type cross reference
- .03 Sort Order
 - D Regular type cross reference

23 Source View (90505.323)

- .01 Source View
 - B Regular type cross reference

1 View Field

- .01 View Field
 - B Regular type cross reference

25 GPRA Field View (90505.325)

- .01 GPRA Field View Field
 - B Regular type cross reference
- .02 Display Order
 - C Regular type cross reference
- .03 Sort Order
 - D Regular type cross reference

26 Referral View (90505.326)

- .01 Referral View
 - B Regular type cross reference
- .02 Display Order
 - C Regular type cross reference
- .03 Sort Order
 - D Regular type cross reference

27 Consult View (90505.327)

- .01 Consult View
 - B Regular type cross reference
- .02 Display Order
 - C Regular type cross reference
- .03 Sort Order
 - D Regular type cross reference

40 Patient List (90505.04)

- .01 Patient Name
 - B Regular type cross reference
 - AB Regular type cross reference by User
 - AB Regular type cross reference by Entire File

5 Matched Criteria (90505.18)

- .01 Matched Criteria
 - B Regular type cross reference

1 Record (90505.181)

- .01 Record
 - B Regular type cross reference

90505.4 ICARE PROVIDER

- .01 Name
 - B Regular type cross reference

30 IPC Measures (90505.43)

- .01 IPC Measures
 - B Regular type cross reference

1 Monthly Timeframe (90505.431)

- .01 Monthly Timeframe
 - B Regular type cross reference

- AD Regular cross reference for whole file
- 2 Weekly Timeframe (90505.432)**
 - .01 Weekly Timeframe
 - B Regular type cross reference
 - .05 Thru Date
 - AC Regular cross reference
 - AE Regular cross reference for whole file
- 40 Performance Measures (90505.44)**
 - .01 Performance Measures
 - B Regular type cross reference
- 1 Measure ID (90505.441)**
 - .01 Measure ID
 - B Regular type cross reference
 - .04 Performance Report
 - AC MUMPS cross reference (Report, Date, ID IEN)
- 50 CQ Measures (90505.45)**
 - .01 CQ Measures
 - B Regular type cross reference
- 1 Measure ID (90505.451)**
 - .01 Measure ID
 - B Regular type cross reference
- 90505.6 ICARE FACILITY**
 - .01 Name
 - B Regular type cross reference
- 30 IPC Measures (90505.63)**
 - .01 IPC Measures
 - B Regular type cross reference
- 1 Monthly Timeframe (90505.631)**
 - .01 Timeframe
 - B Regular type cross reference
 - AB Regular cross reference by whole file
- 2 Weekly Timeframe (90505.632)**
 - .01 Weekly Timeframe
 - B Regular type cross reference
 - .05 Thru Date
 - AC Regular cross reference
 - AC Regular cross reference by Facility
 - AD Regular cross reference for whole file
- 40 Performance Measures (90505.64)**
 - .01 Performance Measures
 - B Regular type cross reference
- 1 Measure ID (90505.641)**
 - .01 Measure ID
 - B Regular type cross reference
 - .04 Performance Report
 - AC MUMPS cross reference (Report, Date, ID IEN)
- 50 CQ Measures (90505.66)**
 - .01 CQ Date

B Regular type cross reference

1 Measure ID (90505.661)

.01 Measure ID

B Regular type cross reference

60 IPC By Division

.01 IPC by Division

B Regular type cross reference

70 Performance by Division

.01 Performance Date

B Regular type cross reference

1 Measure ID

.01 Measure ID

B Regular type cross reference

80 Clin Qual by Division

.01 Clin Qual Date

B Regular type cross reference

1 Measure ID

.01 Measure ID

B Regular type cross reference

90505.8 ICARE TEAM

.01 Team

B Regular type cross reference

1 IPC Measure (90505.801)

.01 IPC Measures

B Regular type cross reference

10 Month Timeframe (90505.802)

.01 Monthly Timeframe

B Regular type cross reference

AB Regular cross reference for whole file

30 Team Members (90505.804)

.01 Team Members

B Regular type cross reference

20 Week Timeframe (90505.803)

.01 Week Timeframe

B Regular type cross reference

.05 Thru Date

AC Regular cross reference

AC Regular cross reference by team

AC Regular cross reference for whole file

30 Team Members (90505.805)

.01 Team Members

B Regular type cross reference

90508 ICARE SITE PARAMETERS

.01 Home Site

B Regular type cross reference

10 Taxonomies

.01 Taxonomy Name

- B regular type cross reference
- .02 Taxonomy Pointer
 - AC regular type cross reference
- .05 Taxonomy ID
 - AD regular type cross reference

13 MU Provider Classes

- .01 MU Provider Class
 - B regular type cross reference

14 MU Providers

- .01 MU Provider
 - B regular type cross reference

18 Employers

- .01 Employer
 - B regular type cross reference

19 MU Clin Qual Period

- .01 MU Clin Qual Period
 - B regular type cross reference

20 CRS Performance Measures

- .01 Year
 - B regular type cross reference

21 DM Audit Measures

- .01 Year
 - B regular type cross reference

22 IPC Measures

- .01 IPC Measures
 - B regular type cross reference

1 Measure ID

- .01 Measure ID
 - B Regular type cross reference
- .06 Display Order
 - C Regular type cross reference
- 2 Bundle IDs
 - .01 Bundle ID
 - B Regular type cross reference

2 Microsystem Providers

- .01 Microsystem Provider
 - B Regular type cross reference

3 Dates

- .01 Date
 - B Regular type cross reference

23 IPC Clinics

- .01 IPC Clinic
 - B regular type cross reference

25 Site Divisions

.01 Site Divisions
B regular type cross reference

6.4 Table File

This section contains a simplified structure for each of the files in this release.

Global: ^BQICARE(

Table 6-3: Table File: 90505 iCare User

Field #	Field Name	Subscript	Piece	Type
.01	USER	D0,0	1	P
.02	DEFAULT VIEW	D0,0	2	P
.03	SPECIFIED PANEL	D0,0	3	F
.04	SPEC PANEL OWNER	D0,0	4	P
.05	PATIENT SEARCH PREF	D0,0	5	S
.06	DATE/TIME LAST LOGIN	D0,0	6	D
.07	PATIENT VIEW	D0,0	7	P
.08	RECORD VIEW	D0,0	8	S
.09	DEFAULT CMET VIEW	D0,0	9	S
.1	CMET QUEUED TIPS	D0,0	10	S
.11	CMET QUEUED FILTERS	D0,0	11	S
.12	CMET TRACKED TIPS	D0,0	12	S
.13	CMET TRACKED FILTERS	D0,0	13	S
.14	CMET FOLLOWUP TIPS	D0,0	14	S
.15	CMET FOLLOWUP FILTERS	D0,0	15	S
.16	*DEFAULT MU VIEW	D0,0	16	S
.17	USER ICARE GUI VERSION	D0,0	17	F
.18	DEFAULT CHART REV LOCATION	D0,0	18	P
.19	DEFAULT FOLLOWUP LTR LOCATION	D0,0	19	P
.2	DEFAULT TELEPHONE LOCATION	D0,0	20	P
.21	DEFAULT IPC VIEW	D0,0	21	S
1	PANEL DEFINITION (90505.01)			
.01	PANEL NAME	D0,1,D1,0	1	F
.02	DATE/TIME CREATED	D0,1,D1,0	2	D
.03	SOURCE TYPE	D0,1,D1,0	3	S
.04	DEFINITION LAST UPDATED BY	D0,1,D1,0	4	P
.05	DATE/TIME DEFN LAST UPDATED	D0,1,D1,0	5	D

Field #	Field Name	Subscript	Piece	Type
.06	AUTOPOPULATE FLAG	D0,1,D1,0	6	S
.07	DATE/TIME LAST POPULATED	D0,1,D1,0	7	D
.08	PATIENT LIST UPDATED BY	D0,1,D1,0	8	P
.09	DATE/TIME PATIENT LIST UPDATED	D0,1,D1,0	9	D
.1	# OF PATIENTS	D0,1,D1,0	10	N
.11	SOURCE NAME	D0,1,D1,0	11	F
.12	PATIENT FLAG	D0,1,D1,0	12	S
.13	STATUS	D0,1,D1,0	13	S
.14	FILTER SOURCE NAME	D0,1,D1,0	14	F
.15	ASSOCIATED PANEL	D0,1,D1,0	1	N
.16	LAST LOCKED BY	D0,1,D1,0	2	P
1	PANEL DESCRIPTION	D0,1,D1,1	1	F
2.1	IPC FLAG	D0,1,D1,2	1	S
2.2	CATEGORY	D0,1,D1,2	2	F
3.1	AUTOPOPULATE ORDER	D0,1,D1,3	10	N
3.3	GPRA YEAR	D0,1,D1,3	3	F
3.4	AUTOPOPULATE STATUS	D0,1,D1,3	4	S
3.5	LAST POPULATED BY	D0,1,D1,3	5	P
3.6	SENSITIVE FLAG	D0,1,D1,3	6	S
3.7	DIVISION	D0,1,D1,3	7	P
3.8	POP START	D0,1,D1,3	8	D
3.9	POP END	D0,1,D1,3	9	D
4	LAYOUT TEMPLATES (90505.14)			
.01	LAYOUT TEMPLATES	D0,1,D1,4,D2,0	1	F
.02	TYPE	D0,1,D1,4,D2,0	2	P
5	GENERATED DESCRIPTION (90505.15)	D0,1,D1,5,00		W
10	PARAMETER DEFINITION (90505.02)			
.01	PARAMETER NAME	D0,1,D1,10,D2,0	1	F
.02	SINGLE VALUE	D0,1,D1,10,D2,0	2	F
.03	SINGLE VALUE IEN	D0,1,D1,10,D2,0	3	F
1	MULTIPLE VALUES (90505.21)			
.01	MULTIPLE VALUES	D0,1,D1,10,D2,1,D3,0	1	F
.02	MULTIPLE IEN	D0,1,D1,10,D2,1,D3,0	2	F
2	ASSOC PARAMETER (90505.212)			

Field #	Field Name	Subscript	Piece	Type
.01	ASSOC PARAMETER	D0,1,D1,10,D2,1,D3,2,D4,0	1	F
.02	ASSOC VALUE	D0,1,D1,10,D2,1,D3,2,D4,0	2	F
.03	ASSOC VALUE IEN	D0,1,D1,10,D2,1,D3,2,D4,0	3	N
2	ASSOC PARAMETER (90505.22)			
.01	ASSOC PARAMETER	D0,1,D1,10,D2,2,D3,0	1	F
.02	ASSOC VALUE	D0,1,D1,10,D2,2,D3,0	2	F
.03	ASSOC VALUE IEN	D0,1,D1,10,D2,2,D3,0	3	N
15	FILTER DEFINITION (90505.115)			
.01	FILTER NAME	D0,1,D1,15,D2,0	1	F
.02	SINGLE VALUE	D0,1,D1,15,D2,0	2	F
.03	SINGLE VALUE IEN	D0,1,D1,15,D2,0	3	F
1	MULTIPLE VALUES (90505.1151)			
.01	MULTIPLE VALUES	D0,1,D1,15,D2,1,D3,0	1	F
.02	MULTIPLE VALUE IEN	D0,1,D1,15,D2,1,D3,0	2	F
2	ASSOC PARAMETER (90505.11512)			
.01	ASSOC PARAMETER	D0,1,D1,15,D2,1,D3,2,D4,0	1	F
.02	ASSOC VALUE	D0,1,D1,15,D2,1,D3,2,D4,0	2	F
.03	ASSOC VALUE IEN	D0,1,D1,15,D2,1,D3,2,D4,0	3	N
1	MULTIPLE VALUES (90505.115121)			
.01	MULTIPLE VALUES	D0,1,D1,15,D2,1,D3,2,D4,1,D5,0	1	F
.02	MULTIPLE VALUES IEN	D0,1,D1,15,D2,1,D3,2,D4,1,D5,0	2	F
2	ASSOC PARAMETER (90505.1152)			
.01	ASSOC PARAMETER	D0,1,D1,15,D2,2,D3,0	1	F
.02	ASSOC VALUE	D0,1,D1,15,D2,2,D3,0	2	F
.03	ASSOC VALUE IEN	D0,1,D1,15,D2,2,D3,0	3	N
1	MULTIPLE VALUES (90505.11521)			
.01	MULTIPLE VALUES	D0,1,D1,15,D2,2,D3,1,D4,0	1	F
.02	MULTIPLE VALUES IEN	D0,1,D1,15,D2,2,D3,1,D4,0	2	F
20	CUSTOMIZED VIEW (90505.05)			
.01	CUSTOMIZED VIEW FIELD	D0,1,D1,20,D2,0	1	P
.02	DISPLAY ORDER	D0,1,D1,20,D2,0	2	N
.03	SORT ORDER	D0,1,D1,20,D2,0	3	N
.04	SORT DIRECTION	D0,1,D1,20,D2,0	4	S
.05	COLUMN SIZE	D0,1,D1,20,D2,0	5	N
21	MY MEASURES VIEW (90505.13)			
.01	MY MEASURES VIEW	D0,1,D1,21,D2,0	1	F

Field #	Field Name	Subscript	Piece	Type
.02	DISPLAY ORDER	D0,1,D1,21,D2,0	2	N
.03	SORT ORDER	D0,1,D1,21,D2,0	3	N
.04	SORT DIRECTION	D0,1,D1,21,D2,0	4	S
.05	COLUMN SIZE	D0,1,D1,21,D2,0	5	N
22	REMINDER VIEW (90505.122)			
.01	REMINDER VIEW	D0,1,D1,22,D2,0	1	F
.02	DISPLAY ORDER	D0,1,D1,22,D2,0	2	N
.03	SORT ORDER	D0,1,D1,22,D2,0	3	N
.04	SORT DIRECTION	D0,1,D1,22,D2,0	4	S
.05	COLUMN SIZE	D0,1,D1,22,D2,0	5	N
23	SOURCE VIEW (90505.123)			
.01	SOURCE VIEW	D0,1,D1,23,D2,0	1	F
1	VIEW FIELD (90505.1231)			
.01	VIEW FIELD	D0,1,D1,23,D2,1,D3,0	1	P
.02	DISPLAY ORDER	D0,1,D1,23,D2,1,D3,0	2	N
.03	SORT ORDER	D0,1,D1,23,D2,1,D3,0	3	N
.04	SORT DIRECTION	D0,1,D1,23,D2,1,D3,0	4	S
.05	COLUMN SIZE	D0,1,D1,23,D2,1,D3,0	5	N
25	GPRA FIELD VIEW (90505.125)			
.01	GPRA FIELD VIEW	D0,1,D1,25,D2,0	1	N
.02	DISPLAY ORDER	D0,1,D1,25,D2,0	2	N
.03	SORT ORDER	D0,1,D1,25,D2,0	3	N
.04	SORT DIRECTION	D0,1,D1,25,D2,0	4	S
.05	COLUMN SIZE	D0,1,D1,25,D2,0	5	N
26	REFERRALS VIEW (90505.126)			
.01	REFERRALS VIEW	D0,1,D1,26,D2,0	1	F
.02	DISPLAY ORDER	D0,1,D1,26,D2,0	2	N
.03	SORT ORDER	D0,1,D1,26,D2,0	3	N
.04	SORT DIRECTION	D0,1,D1,26,D2,0	4	S
.05	COLUMN SIZE	D0,1,D1,26,D2,0	5	N
27	CONSULTS VIEW (90505.127)			
.01	CONSULTS VIEW	D0,1,D1,27,D2,0	1	F
.02	DISPLAY ORDER	D0,1,D1,27,D2,0	2	N
.03	SORT ORDER	D0,1,D1,27,D2,0	3	N
.04	SORT DIRECTION	D0,1,D1,27,D2,0	4	S
.05	COLUMN SIZE	D0,1,D1,27,D2,0	5	N

Field #	Field Name	Subscript	Piece	Type
30	SHARED USERS (90505.03)			
.01	SHARED USER	D0,1,D1,30,D2,0	1	P
.02	ACCESS	D0,1,D1,30,D2,0	2	S
.03	DATE SHARE STARTS	D0,1,D1,30,D2,0	3	D
.04	DATE SHARE ENDS	D0,1,D1,30,D2,0	4	D
.05	SHARE LAYOUTS	D0,1,D1,30,D2,0	5	S
.06	CATEGORY	D0,1,D1,30,D2,0	6	F
4	LAYOUT TEMPLATES (90505.34)			
.01	LAYOUT TEMPLATES	D0,1,D1,30,D2,4,D3,0	1	F
.02	TYPE	D0,1,D1,30,D2,4,D3,0	2	P
20	CUSTOMIZED VIEW (90505.06)			
.01	CUSTOMIZED VIEW FIELD	D0,1,D1,30,D2,20,D3,0	1	P
.02	DISPLAY ORDER	D0,1,D1,30,D2,20,D3,0	2	N
.03	SORT ORDER	D0,1,D1,30,D2,20,D3,0	3	N
.04	SORT DIRECTION	D0,1,D1,30,D2,20,D3,0	4	S
.05	COLUMN SIZE	D0,1,D1,30,D2,20,D3,0	5	N
21	MY MEASURES VIEW (90505.321)			
.01	MY MEASURES VIEW	D0,1,D1,30,D2,21,D3,0	1	F
.02	DISPLAY ORDER	D0,1,D1,30,D2,21,D3,0	2	N
.03	SORT ORDER	D0,1,D1,30,D2,21,D3,0	3	N
.04	SORT DIRECTION	D0,1,D1,30,D2,21,D3,0	4	S
.05	COLUMN SIZE	D0,1,D1,30,D2,21,D3,0	5	N
22	REMINDER VIEW (90505.322)			
.01	REMINDER VIEW	D0,1,D1,30,D2,22,D3,0	1	F
.02	DISPLAY ORDER	D0,1,D1,30,D2,22,D3,0	2	N
.03	SORT ORDER	D0,1,D1,30,D2,22,D3,0	3	N
.04	SORT DIRECTION	D0,1,D1,30,D2,22,D3,0	4	S
.05	COLUMN SIZE	D0,1,D1,30,D2,22,D3,0	5	N
23	SOURCE VIEW (90505.323)			
.01	SOURCE VIEW	D0,1,D1,30,D2,23,D3,0	1	F
1	VIEW FIELD (90505.3231)			
.01	VIEW FIELD	D0,1,D1,30,D2,23,D3,1,D4,0	1	P
.02	DISPLAY ORDER	D0,1,D1,30,D2,23,D3,1,D4,0	2	N
.03	SORT ORDER	D0,1,D1,30,D2,23,D3,1,D4,0	3	N
.04	SORT DIRECTION	D0,1,D1,30,D2,23,D3,1,D4,0	4	S
.05	COLUMN SIZE	D0,1,D1,30,D2,23,D3,1,D4,0	5	N

Field #	Field Name	Subscript	Piece	Type
25	GPRA FIELD VIEW (90505.325)			
.01	GPRA FIELD VIEW	D0,1,D1,30,D2,25,D3,0	1	N
.02	DISPLAY ORDER	D0,1,D1,30,D2,25,D3,0	2	N
.03	SORT ORDER	D0,1,D1,30,D2,25,D3,0	3	N
.04	SORT DIRECTION	D0,1,D1,30,D2,25,D3,0	4	S
.05	COLUMN SIZE	D0,1,D1,30,D2,25,D3,0	5	N
26	REFERRAL VIEW (90505.326)			
.01	REFERRALS VIEW	D0,1,D1,30,D2,26,D3,0	1	F
.02	DISPLAY ORDER	D0,1,D1,30,D2,26,D3,0	2	N
.03	SORT ORDER	D0,1,D1,30,D2,26,D3,0	3	N
.04	SORT DIRECTION	D0,1,D1,30,D2,26,D3,0	4	S
.05	COLUMN SIZE	D0,1,D1,30,D2,26,D3,0	5	N
27	CONSULT VIEW (90505.327)			
.01	CONSULTS VIEW	D0,1,D1,30,D2,27,D3,0	1	F
.02	DISPLAY ORDER	D0,1,D1,30,D2,27,D3,0	2	N
.03	SORT ORDER	D0,1,D1,30,D2,27,D3,0	3	N
.04	SORT DIRECTION	D0,1,D1,30,D2,27,D3,0	4	S
.05	COLUMN SIZE	D0,1,D1,30,D2,27,D3,0	5	N
40	PATIENT LIST (90505.04)			
.01	PATIENT NAME	D0,1,D1,40,D2,0	1	P
.02	MANUAL FLAG	D0,1,D1,40,D2,0	2	S
.03	ADDED BY	D0,1,D1,40,D2,0	3	P
.04	DATE/TIME ADDED	D0,1,D1,40,D2,0	4	D
.05	REMOVED BY	D0,1,D1,40,D2,0	5	P
.06	DATE/TIME REMOVED	D0,1,D1,40,D2,0	6	D
.07	DATE/TIME INITIALLY LOADED	D0,1,D1,40,D2,0	7	D
.08	FLAG INDICATOR	D0,1,D1,40,D2,0	8	S
5	MATCHED CRITERIA (90505.18)			
.01	MATCHED CRITERIA	D0,1,D1,40,D2,5,D3,0	1	F
1	RECORD (90505.181)			
.01	RECORD	D0,1,D1,40,D2,5,D3,1,D4,0	1	F
2.01	MU PROV PERF TIPS	D0,2	1	S
2.02	MU HOSP PERF TIPS	D0,2	2	S
2.03	MU CQ AGG TIPS	D0,2	3	S
2.04	MU HOSP CQ TIPS	D0,2	4	S
2.05	PANEL VIEW	D0,2	5	P

Field #	Field Name	Subscript	Piece	Type
2.06	PANEL SIZE	D0,2	6	S
2.07	IPC PAT DETAIL TIPS	D0,2	7	S
2.08	IPC PAT DETAIL FILTERS	D0,2	8	S
2.09	IPC PROV DETAIL TIPS	D0,2	9	S
2.1	IPC PROV DETAIL FILTERS	D0,2	10	S
2.11	MU PCQ TIPS	D0,2	11	S
2.12	MU PCQ FILTERS	D0,2	12	S
2.13	CMET PANEL EVENT TIPS	D0,2	13	S
2.14	CMET PANEL EVENT FILTER	D0,2	14	S
2.15	MU PROV PERF FILTERS	D0,2	15	S
2.16	MU HOSP PERF FILTERS	D0,2	16	S
2.17	MU HOSP CQ FILTERS	D0,2	17	S
2.18	MU CQ AGG FILTERS	D0,2	18	S
2.19	MU PERF AGG FILTERS	D0,2	19	S
2.2	MU PERF AGG TIPS	D0,2	20	S
2.21	CMET MAIN FINDINGS DISPLAY	D0,2	21	S
2.22	CMET PANEL FINDINGS DISP	D0,2	22	S
2.23	IPC PROV AGG TIPS	D0,2	23	S
2.24	IPC PROV AGG FILTERS	D0,2	24	S
2.25	IPC FAC AGG TIPS	D0,2	25	S
2.26	IPC FAC AGG FILTERS	D0,2	26	S
2.27	IPC TEAM AGG TIPS	D0,2	27	S
2.28	IPC TEAM AGG FILTERS	D0,2	28	S
3	NOTIFICATION (90505.12)			
.01	DATE/TIME OF NOTIFICATION	D0,3,D1,0	1	D
.02	FROM WHOM	D0,3,D1,0	2	P
.03	STATUS	D0,3,D1,0	3	S
.04	SUBJECT	D0,3,D1,0	4	F
1	BODY (90505.121)	D0,3,D1,1,D2,0		W
5	LAST VIEWED PANELS (90505.5)			
.01	PANEL ID	D0,5,D1,0	1	F
7	MY PATIENTS DEFINITION (90505.07)			
.01	MY PATIENTS DEFINITION	D0,7,D1,0	1	F
2	GENERATED DESCRIPTION	D0,7,D1,2	1	F
10	PARAMETERS (90505.08)			

Field #	Field Name	Subscript	Piece	Type
.01	PARAMETER NAME	D0,7,D1,10,D2,0	1	F
.02	SINGLE VALUE	D0,7,D1,10,D2,0	2	F
.03	SINGLE VALUE IEN	D0,7,D1,10,D2,0	3	F
1	MULTIPLE VALUES (90505.81)			
.01	MULTIPLE VALUES	D0,7,D1,10,D2,1,D2,0	1	F
.02	MULTIPLE IEN	D0,7,D1,10,D2,1,D2,0	2	F
8	IPC USER PREFERENCES (90505.17)			
.01	IPC USER PREFERENCES		1	S
.02	DATE/TIME LAST EDITED		2	D
1	PARAMETERS (90505.171)			
.01	PARAMETERS		1	F
.02	SINGLE VALUE		2	F
.03	SINGLE VALUE IEN		3	F
1	MULTIPLE VALUES (90505.1711)			
.01	MULTIPLE VALUES		1	F
.02	MULTIPLE IEN		2	F
9	CMET USER PREFERENCES (90505.16)			
.01	CMET USER PREFERENCES		1	S
.02	DATE/TIME LAST EDITED		2	D
1	PARAMETERS (90505.161)			
.01	PARAMETER NAME		1	F
.02	SINGLE VALUE		2	F
.03	SINGLE VALUE IEN		3	F
1	MULTIPLE VALUES (90505.1611)			
.01	MULTIPLE VALUES		1	F
.02	MULTIPLE IEN		2	F
10	FLAG DEFINITION (90505.09)			
.01	FLAG DEFINITION		1	P
10	PARAMETERS (90505.1)			
.01	PARAMETER NAME		1	F
.02	SINGLE VALUE		2	F
.03	SINGLE VALUE IEN		3	F
1	MULTIPLE VALUES (90505.11)			
.01	MULTIPLE VALUES		1	F
.02	MULTIPLE IENS		2	F

Field #	Field Name	Subscript	Piece	Type
11	COMMUNITY ALERTS DEFINITION (90505.011)			
.01	COMMUNITY ALERTS DEFINITION		1	P
1	PARAMETERS (90505.111)			
.01	PARAMETER NAME		1	F
.02	SINGLE VALUE		2	F
12	MU USER PREFERENCES (90505.012)			
.01	MU USER PREFERENCES		1	S
.02	DATE/TIME LAST EDITED		2	D
1	PARAMETERS (90505.022)			
.01	PARAMETERS		1	F
.02	SINGLE VALUE		2	F
.03	SINGLE VALUE IEN		3	F
1	MULTIPLE VALUES (90505.221)			
.01	MULTIPLE VALUES		1	F
.02	MULTIPLE IEN		2	F
13	GUI TABS (90505.013)			
.01	GUI TABS		1	P
14.01	DEFAULT MU VIEW	D0,14	1	P
15	LAYOUT TEMPLATES (90505.015)			
.01	LAYOUT TEMPLATES		1	F
.02	TYPE		2	P
.03	DEFAULT TEMPLATE		3	S
.04	DATE/TIME LAST EDITED		4	D
.05	Deletable Template?		5	S
1	FIELD (90505.151)			
.01	FIELD		1	F
.02	DISPLAY ORDER		2	N
.03	SORT ORDER		3	N
.04	SORT DIRECTION		4	S
.05	COLUMN SIZE		5	N
2	DISTRIBUTED TO (90505.152)			
.01	DISTRIBUTED TO		1	P
.02	DATE DISTRIBUTED		2	D
.03	USER DELETED		3	S
.04	USER TEMPLATE IEN		4	N

Field #	Field Name	Subscript	Piece	Type
17	CATEGORY/FOLDER (90505.017)			
.01	NAME		1	F
.02	COLOR		2	F

Global: ^BQIPROV(

Table 6-4: File:90505.4 iCare Provider

Field #	Field Name	Subscript	Piece	Type
.01	NAME	D0,0	1	P
10	12 MOS PERFORMANCE (90505.41)			
.01	VIEW FIELD	D0,10,D1,0	1	F
.02	CURRENT DENOMINATOR	D0,10,D1,0	2	F
.03	CURRENT NUMERATOR	D0,10,D1,0	3	F
.04	PREVIOUS DENOMINATOR	D0,10,D1,0	4	F
.05	PREVIOUS NUMERATOR	D0,10,D1,0	5	F
1	CURRENT EXCLUSION	D0,10,D1,1	1	F
2	PREVIOUS EXCLUSION	D0,10,D1,2	1	F
3	ADHERENCE VALUE	D0,10,D1,3	1	F
11	12 MOS CLIN QUAL (90505.411)			
.01	VIEW FIELD	D0,11,D1,0	1	F
.02	CURRENT DENOMINATOR	D0,11,D1,0	2	F
.03	CURRENT NUMERATOR	D0,11,D1,0	3	F
.04	CURRENT EXCLUSION	D0,11,D1,0	4	F
.05	PREVIOUS DENOMINATOR	D0,11,D1,0	5	F
.06	PREVIOUS NUMERATOR	D0,11,D1,0	6	F
.07	PREVIOUS EXCLUSION	D0,11,D1,0	7	F
20	90 DAYS PERFORMANCE (90505.42)			
.01	VIEW FIELD	D0,20,D1,0	1	F
.02	CURRENT DENOMINATOR	D0,20,D1,0	2	F
.03	CURRENT NUMERATOR	D0,20,D1,0	3	F
.04	PREVIOUS DENOMINATOR	D0,20,D1,0	4	F
.05	PREVIOUS NUMERATOR	D0,20,D1,0	5	F
1	CURRENT EXCLUSION	D0,20,D1,1	1	F
2	PREVIOUS EXCLUSION	D0,20,D1,2	1	F
3	ADHERENCE VALUE	D0,20,D1,3	1	F

Field #	Field Name	Subscript	Piece	Type
21	90 DAYS CLIN QUAL (90505.421)			
.01	VIEW FIELD	D0,21,D1,0	1	F
.02	CURRENT DENOMINATOR	D0,21,D1,0	2	F
.03	CURRENT NUMERATOR	D0,21,D1,0	3	F
.04	CURRENT EXCLUSION	D0,21,D1,0	4	F
.05	PREVIOUS DENOMINATOR	D0,21,D1,0	5	F
.06	PREVIOUS NUMERATOR	D0,21,D1,0	6	F
.07	PREVIOUS EXCLUSION	D0,21,D1,0	7	F
30	IPC MEASURES (90505.43)			
.01	IPC MEASURES	D0,30,D1,0	1	F
1	MONTHLY TIMEFRAME (90505.431)			
.01	TIMEFRAME	D0,30,D1,1,D2,0	1	D
.02	DENOMINATOR	D0,30,D1,1,D2,0	2	F
.03	NUMERATOR	D0,30,D1,1,D2,0	3	F
2	WEEKLY TIMEFRAME (90505.432)			
.01	WEEKLY TIMEFRAME	D0,30,D1,2,D2,0	1	N
.02	DENOMINATOR	D0,30,D1,2,D2,0	2	N
.03	NUMERATOR	D0,30,D1,2,D2,0	3	N
.04	FROM DATE	D0,30,D1,2,D2,0	4	D
.05	THRU DATE	D0,30,D1,2,D2,0	5	D
40	PERFORMANCE MEASURES (90505.44)			
.01	PERFORMANCE MEASURES	D0,40,D1,0	1	D
1	MEASURE ID (90505.441)			
.01	MEASURE ID	D0,40,D1,1,D2,0	1	F
.02	DENOMINATOR	D0,40,D1,1,D2,0	2	F
.03	NUMERATOR	D0,40,D1,1,D2,0	3	F
.04	PERFORMANCE REPORT	D0,40,D1,1,D2,0	4	F
1	EXCLUSION	D0,40,D1,1,D2,1	1	F
50	CQ MEASURES (90505.45)			
.01	CQ DATE	D0,50,D1,0	1	D
1	MEASURE ID (90505.451)			
.01	MEASURE ID	D0,50,D1,1,D2,0	1	F
.02	DENOMINATOR	D0,50,D1,1,D2,0	2	F
.03	NUMERATOR	D0,50,D1,1,D2,0	3	F
.04	EXCLUSION	D0,50,D1,1,D2,0	4	F

Field #	Field Name	Subscript	Piece	Type
60	CLIN QUAL TIMEFRAME (90505.46)			
.01	CLIN QUAL TIMEFRAME	D0,60,D1,0	1	F
.02	START DATE	D0,60,D1,0	2	D
.03	END DATE	D0,60,D1,0	3	D
10	MEASURE (90505.47)			
.01	MEASURE ID	D0,60,D1,10,D2,0	1	F
.02	DENOMINATOR	D0,60,D1,10,D2,0	2	F
.03	NUMERATOR	D0,60,D1,10,D2,0	3	F
.04	EXCLUSION	D0,60,D1,10,D2,0	4	F

Global: ^BQIFAC(

Table 6-5: File:90505.6 iCare Facility

Field #	Field Name	Subscript	Piece	Type
.01	NAME	D0,0	1	P
10	12 MOS PERFORMANCE (90505.61)			
.01	VIEW FIELD	D0,10,D1,0	1	F
.02	CURRENT DENOMINATOR	D0,10,D1,0	2	F
.03	CURRENT NUMERATOR	D0,10,D1,0	3	F
.04	PREVIOUS DENOMINATOR	D0,10,D1,0	4	F
.05	PREVIOUS NUMERATOR	D0,10,D1,0	5	F
1	CURRENT EXCLUSION	D0,10,D1,1	1	F
2	PREVIOUS EXCLUSION	D0,10,D1,2	1	F
3	ADHERENCE VALUE	D0,10,D1,3	1	F
11	12 MOS CLIN QUAL (90505.611)			
.01	VIEW FIELD	D0,11,D1,0	1	F
.02	CURRENT DENOMINATOR	D0,11,D1,0	2	F
.03	CURRENT NUMERATOR	D0,11,D1,0	3	F
.04	CURRENT EXCLUSION	D0,11,D1,0	4	F
.05	PREVIOUS DENOMINATOR	D0,11,D1,0	5	F
.06	PREVIOUS NUMERATOR	D0,11,D1,0	6	F
.07	PREVIOUS EXCLUSION	D0,11,D1,0	7	F
20	90 DAYS PERFORMANCE (90505.62)			
.01	VIEW FIELD	D0,20,D1,0	1	F
.02	CURRENT DENOMINATOR	D0,20,D1,0	2	F

Field #	Field Name	Subscript	Piece	Type
.03	CURRENT NUMERATOR	D0,20,D1,0	3	F
.04	PREVIOUS DENOMINATOR	D0,20,D1,0	4	F
.05	PREVIOUS NUMERATOR	D0,20,D1,0	5	F
1	CURRENT EXCLUSION	D0,20,D1,1	1	F
2	PREVIOUS EXCLUSION	D0,20,D1,2	1	F
3	ADHERENCE VALUE	D0,20,D1,3	1	F
21	90 DAYS CLIN QUAL (90505.621)			
.01	VIEW FIELD	D0,21,D1,0	1	F
.02	CURRENT DENOMINATOR	D0,21,D1,0	2	F
.03	CURRENT NUMERATOR	D0,21,D1,0	3	F
.04	CURRENT EXCLUSION	D0,21,D1,0	4	F
.05	PREVIOUS DENOMINATOR	D0,21,D1,0	5	F
.06	PREVIOUS NUMERATOR	D0,21,D1,0	6	F
.07	PREVIOUS EXCLUSION	D0,21,D1,0	7	F
30	IPC MEASURES (90505.63)			
.01	IPC MEASURES	D0,30,D1,0	1	F
1	MONTHLY TIMEFRAME (90505.631)			
.01	TIMEFRAME	D0,30,D1,1,D2,0	1	D
.02	DENOMINATOR	D0,30,D1,1,D2,0	2	F
.03	NUMERATOR	D0,30,D1,1,D2,0	3	F
2	WEEKLY TIMEFRAME (90505.632)			
.01	WEEKLY TIMEFRAME	D0,30,D1,2,D2,0	1	N
.02	DENOMINATOR	D0,30,D1,2,D2,0	2	N
.03	NUMERATOR	D0,30,D1,2,D2,0	3	N
.04	FROM DATE	D0,30,D1,2,D2,0	4	D
.05	THRU DATE	D0,30,D1,2,D2,0	5	D
40	PERFORMANCE MEASURES (90505.64)			
.01	PERFORMANCE DATES	D0,40,D1,0	1	D
.02	START DATE	D0,40,D1,0	2	D
.03	END DATE	D0,40,D1,0	3	D
1	MEASURE ID (90505.641)			
.01	MEASURE ID	D0,40,D1,1,D2,0	1	F
.02	DENOMINATOR	D0,40,D1,1,D2,0	2	F
.03	NUMERATOR	D0,40,D1,1,D2,0	3	F
.04	PERFORMANCE REPORT	D0,40,D1,1,D2,0	4	F

Field #	Field Name	Subscript	Piece	Type
1	EXCLUSION	D0,40,D1,1,D2,1	1	F
10	MEASURE (90505.65)			
.01	IPC BY DIVISION	D0,40,D1,10,D2,0	1	D
.02	DENOMINATOR	D0,40,D1,10,D2,0	2	F
.03	NUMERATOR	D0,40,D1,10,D2,0	3	F
.04	EXCLUSION	D0,40,D1,10,D2,0	4	F
50	CQ MEASURES (90505.66)			
.01	CQ DATE	D0,50,D1,0	1	D
1	MEASURE ID (90505.661)			
.01	MEASURE ID	D0,50,D1,1,D2,0	1	F
.02	DENOMINATOR	D0,50,D1,1,D2,0	2	F
.03	NUMERATOR	D0,50,D1,1,D2,0	3	F
.04	EXCLUSION	D0,50,D1,1,D2,0	4	F
60	IPC BY DIVISION (90505.65)			
.01	IPC BY DIVISION	D0,60,D1,0	1	D
.02	DENOMINATOR	D0,60,D1,0	2	F
.03	NUMERATOR	D0,60,D1,0	3	F
.04	EXCLUSION	D0,60,D1,0	4	F
70	PERFORMANCE BY DIVISION (90505.67)			
.01	PERFORMANCE DATE	D0,70,D1,0	1	D
1	MEASURE ID (90505.671)			
.01	MEASURE ID	D0,70,D1,1,D2,0	1	F
.02	DENOMINATOR	D0,70,D1,1,D2,0	2	F
.03	NUMERATOR	D0,70,D1,1,D2,0	3	F
.04	PERFORMANCE REPORT	D0,70,D1,1,D2,0	4	F
1	EXCLUSION	D0,70,D1,1,D2,1	1	F
80	CLIN QUAL BY DIVISION (90505.68)			
.01	CLIN QUAL DATE	D0,80,D1,0	1	D
1	MEASURE ID (90505.681)			
.01	MEASURE ID	D0,80,D1,1,D2,0	1	F
.02	DENOMINATOR	D0,80,D1,1,D2,0	2	F
.03	NUMERATOR	D0,80,D1,1,D2,0	3	F
.04	EXCLUSION	D0,80,D1,1,D2,0	4	F

Global: ^BQITEAM(

Table 6-6: File:90505.8 iCare Team

Field #	Field Name	Subscript	Piece	Type
s	TEAM	D0,0	1	P
10	IPC MEASURE (90505.801)			
.01	IPC MEASURE	D0,10,D1,0	1	F
10	MONTH TIMEFRAME (90505.802)			
.01	MONTH TIMEFRAME	D0,10,D1,10,D2,0	1	D
.02	DENOMINATOR	D0,10,D1,10,D2,0	2	F
.03	NUMERATOR	D0,10,D1,10,D2,0	3	F
30	TEAM MEMBERS (90505.804)			
.01	TEAM MEMBERS	D0,10,D1,10,D2,30,D3,0	1	P
20	WEEKLY TIMEFRAME (90505.632)			
.01	WEEKLY TIMEFRAME	D0,10,D1,20,D2,0	1	N
.02	DENOMINATOR	D0,10,D1,20,D2,0	2	N
.03	NUMERATOR	D0,10,D1,20,D2,0	3	N
.04	FROM DATE	D0,10,D1,20,D2,0	4	D
.05	THRU DATE	D0,10,D1,20,D2,0	5	D
30	TEAM MEMBERS (90505.805)			
.01	TEAM MEMBERS	D0,10,D1,20,D2,30,D3,0	1	P

Global: ^BQI(90506.8,

Table 6-7: File:90506.8 iCare IPC Categories

Field #	Field Name	Subscript	Piece	Type
.01	NAME	D0,0	1	F
.02	INACTIVE?	D0,0	2	S
.03	TYPE	D0,0	3	S
.04	SUBTO	D0,0	4	P
.05	IPC Version	D0,0	5	F
.06	EXCLUDE FOR DETAIL TABS	D0,0	6	S

Global: ^BQI(90508,

Table 6-8: File: 90508.5 iCare Site Parameters

Field #	Field Name	Subscript	Piece	Type
.01	HOME SITE	D0,0	1	P

Field #	Field Name	Subscript	Piece	Type
.02	CANES EXPORT FORMAT	D0,0	2	S
.03	INCLUDE SUICIDE?	D0,0	3	S
.04	LAST MU RUN DATE	D0,0	4	D
.05	CANES EXPORT?	D0,0	5	S
.06	MU CQ HOSP	D0,0	6	S
.07	MU EXPORT?	D0,0	7	S
.08	GUI VERSION	D0,0	8	F
.09	RPMS VERSION	D0,0	9	F
.1	POST-INSTALL TASK	D0,0	10	N
.11	NIGHTLY TASK	D0,0	11	N
.12	UPDATE TASK	D0,0	12	N
.13	NIGHTLY STATUS	D0,0	13	S
.14	UPDATE STATUS	D0,0	14	S
.15	IMM FORECAST ON?	D0,0	15	S
.16	EHR IMMUN ON?	D0,0	16	S
.17	EHR ASTHMA ON?	D0,0	17	S
.18	HS IMMUN ON?	D0,0	18	S
.19	CONCURRENT CONNECTIONS	D0,0	19	N
.2	GRP ORDER ENTRY ENABLED	D0,0	20	S
.21	ICARE INACTIVITY TIMEOUT	D0,0	21	N
.22	ICARE WARNING TIMEOUT	D0,0	22	N
.23	ICARE SHUTDOWN TIMEOUT	D0,0	23	N
.24	CANES EXPORT TIMEFRAME	D0,0	24	F
.25	LAB CONFIRMED DISPLAY?	D0,0	25	S
1	LAST VISIT IEN	DVISIT,0	1	F
2	CURRENT CRS YEAR	DGPRA,0	1	F
2.01	LAST PT REMIND UPDATE IEN	D0,2	1	F
2.02	LAST PT CRS UPDATE IEN	D0,2	2	F
2.03	LAST TRMT UPDATE VALUE	D0,2	3	F
2.04	LAST PT ASTHMA UPDATE IEN	D0,2	4	F
3	LAST PROBLEM IEN	DVISIT,0	2	F
3.01	NIGHTLY FLAGS STARTED	D0,3	1	D
3.02	NIGHTLY FLAGS STOPPED	D0,3	2	D
3.03	NIGHTLY FLAGS STATUS	D0,3	3	S
3.04	NIGHTLY DX TAG STARTED	D0,3	4	D
3.05	NIGHTLY DX TAG STOPPED	D0,3	5	D

Field #	Field Name	Subscript	Piece	Type
3.06	NIGHTLY DX TAG STATUS	D0,3	6	S
3.07	NIGHTLY CRS STARTED	D0,3	7	D
3.08	NIGHTLY CRS STOPPED	D0,3	8	D
3.09	NIGHTLY CRS STATUS	D0,3	9	S
3.1	NIGHTLY REMINDERS STARTED	D0,3	10	D
3.11	NIGHTLY REMINDERS STOPPED	D0,3	11	D
3.12	NIGHTLY REMINDERS STATUS	D0,3	12	S
3.13	NIGHTLY TRMT PROMPTS STARTED	D0,3	13	D
3.14	NIGHTLY TRMT PROMPTS STOPPED	D0,3	14	D
3.15	NIGHTLY TRMT PROMPTS STATUS	D0,3	15	S
3.16	NIGHTLY COMM ALERTS STARTED	D0,3	16	D
3.17	NIGHTLY COMM ALERTS STOPPED	D0,3	17	D
3.18	NIGHTLY COMM ALERTS STATUS	D0,3	18	S
3.19	NIGHTLY AUTOPOPULATE STARTED	D0,3	19	D
3.2	NIGHTLY AUTOPOPULATE STOPPED	D0,3	20	D
3.21	NIGHTLY AUTOPOPULATE STATUS	D0,3	21	S
3.22	NIGHTLY CARE MGT STARTED	D0,3	22	D
3.23	NIGHTLY CARE MGT STOPPED	D0,3	23	D
3.24	NIGHTLY CARE MGT STATUS	D0,3	24	S
4.01	WEEKLY DX TAG STARTED	D0,4	1	D
4.02	WEEKLY DX TAG STOPPED	D0,4	2	D
4.03	WEEKLY DX TAG STATUS	D0,4	3	S
4.04	WEEKLY CRS STARTED	D0,4	4	D
4.05	WEEKLY CRS STOPPED	D0,4	5	D
4.06	WEEKLY CRS STATUS	D0,4	6	S
4.07	WEEKLY REMINDERS STARTED	D0,4	7	D
4.08	WEEKLY REMINDERS STOPPED	D0,4	8	D
4.09	WEEKLY REMINDERS STATUS	D0,4	9	S
4.1	WEEKLY TRMT PROMPTS STARTED	D0,4	10	D
4.11	WEEKLY TRMT PROMPTS STOPPED	D0,4	11	D

Field #	Field Name	Subscript	Piece	Type
4.12	WEEKLY TRMT PROMPTS STATUS	D0,4	12	S
4.13	WEEKLY CARE MGT STARTED	D0,4	13	D
4.14	WEEKLY CARE MGT STOPPED	D0,4	14	D
4.15	WEEKLY CARE MGT STATUS	D0,4	15	S
4.16	WEEKLY MU PERF STARTED	D0,4	16	D
4.17	WEEKLY MU PERF STOPPED	D0,4	17	D
4.18	WEEKLY MU PERF STATUS	D0,4	18	S
4.19	WEEKLY IPC STARTED	D0,4	19	D
4.2	WEEKLY IPC STOPPED	D0,4	20	D
4.21	WEEKLY IPC STATUS	D0,4	21	S
5	JOB TOOLTIP (90508.05)	D0,5,D1,0		W
6	TYPE TOOLTIP (90508.06)	D0,6,D1,0		W
7	END TOOLTIP (90508.07)	D0,7,D1,0		W
8.01	START TOOLTIP	D0,8	1	F
8.02	STATUS TOOLTIP	D0,8	2	F
8.03	NEXT TOOLTIP	D0,8	3	F
8.04	MONTHLY MU PERF STARTED	D0,8	4	D
8.05	MONTHLY MU PERF STOPPED	D0,8	5	D
8.06	MONTHLY MU PERF STATUS	D0,8	6	S
8.07	MONTHLY MU CQ STARTED	D0,8	7	D
8.08	MONTHLY MU CQ STOPPED	D0,8	8	D
8.09	MONTHLY MU CQ STATUS	D0,8	9	S
8.1	MONTHLY IPC STARTED	D0,8	10	D
8.11	MONTHLY IPC ENDED	D0,8	11	D
8.12	MONTHLY IPC STATUS	D0,8	12	S
9	LOG IN DATE/TIME	DLOG,0	1	D
9.01	MU PRF START DATE	D0,9	1	D
9.02	MU PRF END DATE	D0,9	2	D
9.03	CURRENT PERFORMANCE REPORT	D0,9	3	F
9.04	CURRENT CQM REPORT	D0,9	4	F
10	TAXONOMIES (90508.03)			
.01	TAXONOMY NAME	D0,10,D1,0	1	F
.02	TAXONOMY POINTER	D0,10,D1,0	2	V
.03	CATEGORY	D0,10,D1,0	3	S
.04	Site-Populated	D0,10,D1,0	4	S

Field #	Field Name	Subscript	Piece	Type
.05	TAXONOMY ID	D0,10,D1,0	5	S
.06	TAXONOMY GENERATOR	D0,10,D1,0	6	F
.07	IGNORE MISSING ENTRIES	D0,10,D1,0	7	S
11	CURRENT IPC	D0,11	1	F
11.02	IPC DAY TO RUN	D0,11	2	N
11.03	IPC PROVIDER	D0,11	3	F
11.04	IPC TASK	D0,11	4	F
11.05	IPC MONTH	D0,11	5	F
11.06	IPC WEEK TASK	D0,11	6	F
11.07	IPC WEEK	D0,11	7	N
11.08	IPC SWITCH	D0,11	8	S
11.09	IPC SWITCH DATE/TIME	D0,11	9	D
11.1	IPC SWITCH USER	D0,11	20	P
12.01	MU PERFORM DEFAULT DATE	D0,12	1	S
12.02	MU CLASS COLUMN	D0,12	2	S
12.03	LAST MU CQ PROVIDER	D0,12	3	N
12.04	LAST MU PERF PROVIDER	D0,12	4	N
12.05	MU CQM TASK	D0,12	5	F
12.06	MU PERF TASK	D0,12	6	F
12.07	MU PROHIBITED?	D0,12	7	S
12.08	MU CQ START DATE	D0,12	8	D
12.09	MU CQ END DATE	D0,12	9	D
12.1	MU CQ DEFAULT DATE	D0,12	10	S
13	MU PROVIDER CLASSES (90508.013)			
.01	MU PROVIDER CLASSES	D0,13,D1,0	1	P
14	MU PROVIDERS (90508.014)			
.01	MU PROVIDER CLASSES	D0,14,D1,0	1	P
15	COMMUNITY ALERTS (90508.015)			
.01	COMMUNITY ALERTS	D0,15,D1,0	1	F
.02	WEB LINK	D0,15,D1,0	2	F
.03	TIMEFRAME	D0,15,D1,0	3	F
16	COMMUNITY ALERTS POPUP ENABLED	D0,16	3	S
16.01	PREGNANCY ALGORITHM	D0,16	1	S
16.02	ICARE TIMEFRAME	D0,16	2	N
16.04	REFERRAL TIMEFRAME	D0,16	4	F

Field #	Field Name	Subscript	Piece	Type
16.05	CONSULT TIMEFRAME	D0,16	5	F
17	MAIL MERGE GLOSSARY TEXT (90508.017)	D0,17,D1,0		W
18	EMPLOYERS (90508.018)			
.01	EMPLOYER	D0,18,D1,0	1	P
19	MU CLIN QUAL PERIOD (90508.019)			
.01	MU CLIN QUAL PERIOD	D0,19,D1,0	1	F
.02	START DATE	D0,19,D1,0	2	D
.03	END DATE	D0,19,D1,0	3	D
.04	TIMEFRAME	D0,19,D1,0	4	S
.05	ACTIVE?	D0,19,D1,0	5	S
20	CRS PERFORMANCE MEASURES (90508.01)			
.01	YEAR	D0,20,D1,0	1	F
.02	INDICATORS FILE #	D0,20,D1,0	2	F
.03	INDIVIDUAL INDICATORS FILE #	D0,20,D1,0	3	F
.04	GPRA ROUTINE	D0,20,D1,0	4	F
.05	DATE YEAR CALC FROM	D0,20,D1,0	5	D
.06	DATE YEAR CALC THRU	D0,20,D1,0	6	D
20	SUMMARY INDICATOR (90508.02)			
.01	SUMMARY INDICATOR	D0,20,D1,20,D2,0	1	F
.02	DEFAULT?	D0,20,D1,20,D2,0	2	S
.03	DISPLAY ORDER	D0,20,D1,20,D2,0	3	N
.04	N/A EXCEPTION	D0,20,D1,20,D2,0	4	S
1	TOOLTIP (90508.21)	D0,20,D1,20,D2,1,D3,0		W
21	DM AUDIT MEASURES (90508.021)			
.01	YEAR	D0,21,D1,0	1	F
.02	GATHER	D0,21,D1,0	2	F
.03	PRINT	D0,21,D1,0	3	F
.04	GLOBAL REFERENCE	D0,21,D1,0	4	F
21.01	CURRENT DM AUDIT YEAR	DDM,0	1	F
21.02	OFFICIAL DIABETES REGISTER	DDM,0	2	P
22	IPC MEASURES (90508.022)			
.01	IPC MEASURES	D0,22,D1,0	1	F
.02	TEST IP	D0,22,D1,0	2	F
.03	LIVE IP	D0,22,D1,0	3	F

Field #	Field Name	Subscript	Piece	Type
1	MEASURE ID (90508.221)			
.01	MEASURE ID	D0,22,D1,1,D2,0	1	F
.02	TYPE	D0,22,D1,1,D2,0	2	S
.03	CATEGORY	D0,22,D1,1,D2,0	3	P
.04	MEASURE NAME	D0,22,D1,1,D2,0	4	F
.05	SUB-CATEGORY	D0,22,D1,1,D2,0	5	S
.06	DISPLAY ORDER	D0,22,D1,1,D2,0	6	N
.07	INACTIVE?	D0,22,D1,1,D2,0	7	S
.08	SHEET	D0,22,D1,1,D2,0	8	F
.09	COLUMN DENOMINATOR	D0,22,D1,1,D2,0	9	F
.1	COLUMN NUMERATOR	D0,22,D1,1,D2,0	10	F
.11	CATEGORY2	D0,22,D1,1,D2,0	11	P
.12	GOAL	D0,22,D1,1,D2,0	12	F
.13	TAB	D0,22,D1,1,D2,0	13	S
.14	AGG TAB	D0,22,D1,1,D2,0	14	S
1	EXECUTABLE CODE	D0,22,D1,1,D2,1	E1,24 5	M
2	BUNDLE IDS (90508.2212)			
.01	BUNDLE ID	D0,22,D1,1,D2,2,D3,0	1	F
.02	GROUP NO.	D0,22,D1,1,D2,2,D3,0	2	F
3	TOOLTIP (90508.2213)	D0,22,D1,1,D2,3,D3,0		W
2	MICROSYSTEM PROVIDERS (90508.222)			
.01	MICROSYSTEM PROVIDERS	D0,22,D1,2,D2,0	1	P
1	CLINICS (90508.2221)			
.01	CLINICS	D0,22,D1,2,D2,1,D3,0	1	P
3	DATES (90508.223)			
.01	DATES	D0,22,D1,3,D2,0	1	D
.02	ROW	D0,22,D1,3,D2,0	2	F
4.01	TEST IP DOWNLOAD	D0,22,D1,4	1	F
4.02	TEST IP UPLOAD	D0,22,D1,4	2	F
5.01	LIVE IP DOWNLOAD	D0,22,D1,5	1	F
5.02	LIVE IP UPLOAD	D0,22,D1,5	2	F
23	IPC CLINICS (90508.023)			
.01	IPC CLINICS	D0,23,D1,0	1	P
24.01	NIGHTLY TASK	D0,24	1	F
24.02	BEST PRACTICE TASK	D0,24	2	F

Field #	Field Name	Subscript	Piece	Type
24.03	CARE MGT TASK	D0,24	3	F
24.04	DX TAG TASK	D0,24	4	F
24.05	CRS TASK	D0,24	5	F
24.06	REMINDERS TASK	D0,24	6	F
24.07	MU CQ TASK	D0,24	7	F
24.08	IPC TASK	D0,24	8	F
24.09	MU PF 90 TASK	D0,24	9	F
24.1	MU PF YR TASK	D0,24	10	F
24.11	CMET TASK	D0,24	11	F
25	SITE DIVISIONS (90508.025)			
.01	SITE DIVISIONS	D0,25,D1,0	1	P

6.5 Callable Routines

Table 6-9 lists the remote procedures added in this version and the associated tag and routine called by the remote procedure. The tags and routines in this table are considered callable entry points, but are only available through the GUI interface.

Table 6-9: Callable Routines

Name	Tag	Routine
BQI GET IPC CATEGORIES	CAT	BQIIPCAT
BQI GET IPC FAC WEEKLY	FAC	BQIIPCW
BQI GET IPC PROV WEEKLY	RET	BQIIPCW
BQI GET IPC RELEASES	TBL	BQIIPUTL
BQI GET IPC TEAM MONTHLY	TEAM	BQIIPCM
BQI GET IPC TEAM WEEKLY	TEAM	BQIIPCW
BQI GET IPC VERSION	CIPC	BQIIPUTL
BQI GET IPC VIEW	VIEW	BQIIPUTL
BQI SAVE IPC VERSION	SIPC	BQIIPUTL

6.6 Published Entry Points

There are no new published entry points (PEP) for this version of iCare.

7.0 Internal Relations

All functions within iCare work independently.

There are no documented internal relations in BQI.

8.0 External Relations

8.1 8.1 External Calls

The iCare Population Management GUI external calls are shown in Figure 8-1.

Routine	is Invoked by:
COMMA^%DTC	BQIIPCM,BQIIPCW
^%ZTER	BQIIPCM,BQIIPCME,BQIIPCW,BQIIPPNL,BQIIPPRV,BQIIPPT BQIIPTBL,BQIIPTVW,BQIPLUSR,BQISYSIT
^%ZTLOAD	BQI27POS,BQINIGH3
STAT^%ZTLOAD	BQINIGH3,BQISYSIT
\$\$DEMO^APCLUTL	BQIIPEMP
\$\$CLINIC^APCLV	BQIIPEMP
\$\$PRIMPROV^APCLV	BQIIPCCP,BQIIPCCT,BQIIPEMP
PLSTLST^BEHOPTP2	BQIUTB2
UNFOLDTX^BGP6UTL2	BQINIGHT
BQI^BGPMEUPD	BQIIPSNG
\$\$AGE^BQIAGE	BQIDCAH1
RANGE^BQIDCAH1	BQIIPCM,BQIIPCW
FND^BQIFLG	BQINIGHT
COMP^BQIGPRA5	BQINIGHT
GCHK^BQIGPUPD	BQINIGHT
\$\$HME^BQIGPUTL	BQI27POS,BQIIPBNL,BQIIPCCP,BQIIPCCT,BQIIPCM,BQIIPCME BQIIPCW,BQIIPEMP,BQIIPMNU,BQIIPSNG,BQIIPWKL,BQINIGHT
\$\$LKP^BQIGPUTL	BQIIPPT,BQIIPTBL,BQINIGHT
\$\$MEAS^BQIGPUTL	BQIIPTBL
\$\$SPM^BQIGPUTL	BQIIPPT,BQIIPTBL,BQIIPUTL,BQIIPWKL,BQINIGHT,BQISYSIT
GFN^BQIGPUTL	BQIIPTBL
\$\$PAT^BQIIPBNL	BQIIPPNL,BQIIPPRV,BQIIPPT
\$\$PT^BQIIPBNL	BQI27POS
BUN^BQIIPBNL	BQIIPPNL,BQIIPPRV,BQIIPPT
EN^BQIIPCCT	BQI27POS
^BQIIPCHM	BQI27POS
MEDIAN^BQIIPCM	BQIIPCW
\$\$OPAT^BQIIPOTC	BQIIPPNL,BQIIPPRV,BQIIPPT
\$\$PAT^BQIIPOTC	BQIIPPNL,BQIIPPRV,BQIIPPT
EN^BQIIPSNG	BQIIPMNU
^BQIIPUTL	BQIIPCM,BQIIPTBL
STORF^BQIIPUTL	BQI27POS,BQIIPBNL,BQIIPCCP,BQIIPCCT,BQIIPEMP,BQIIPMNU
STORFW^BQIIPUTL	BQI27POS,BQIIPBNL,BQIIPCCP,BQIIPCCT,BQIIPEMP,BQIIPWKL
STORP^BQIIPUTL	BQI27POS,BQIIPBNL,BQIIPCCP,BQIIPSNG
STORPW^BQIIPUTL	BQI27POS,BQIIPBNL,BQIIPCCP,BQIIPWKL
STORT^BQIIPUTL	BQI27POS,BQIIPCCT,BQIIPMNU
STORTW^BQIIPUTL	BQI27POS,BQIIPCCT,BQIIPWKL
EN^BQIMSLST	BQIUTB2
CQ^BQIMUMON	BQINIGH3
PF^BQIMUMON	BQINIGH3
KHRF^BQIMUUPD	dd90505.641
KXRF^BQIMUUPD	dd90505.441
SHRF^BQIMUUPD	dd90505.641
SXRF^BQIMUUPD	dd90505.441
AST^BQINIGH1	BQINIGHT
MEAS^BQINIGH1	BQINIGHT
ARM^BQINIGH2	BQINIGHT
CMA^BQINIGH2	BQINIGHT
DMA^BQINIGH2	BQINIGHT
HCV^BQINIGH2	BQINIGHT

IMM^BQINIGH2	BQINIGHT
NGHT^BQINIGH2	BQINIGHT
PED^BQINIGH2	BQINIGHT
PRF^BQINIGH2	BQINIGHT
PRN^BQINIGH2	BQINIGHT
IJB^BQINIGH3	BQINIGHT
WK^BQINIGH3	BQINIGHT
REG^BQINIGH4	BQINIGHT
INP^BQINIGHT	BQIIPCME , BQIIPPT
KXRF^BQIPLPU	dd90505 . 01
SXRF^BQIPLPU	dd90505 . 01
KXRF^BQIPLUTL	dd90505 . 115 , dd90505 . 1151
SXRF^BQIPLUTL	dd90505 . 115 , dd90505 . 1151
CHK^BQIRMDR	BQINIGHT
PAT^BQIRMDR	BQINIGHT
APT^BQIRMIZ	BQINIGHT
\$\$FIND^BQISCHED	BQISYSIT
SN^BQISNOMS	BQINIGH3
NPT^BQITASK	BQINIGHT
DZ^BQITASK1	BQINIGHT
PAT^BQITDPAT	BQINIGHT
PAT^BQITRMT	BQINIGHT
\$\$PLID^BQIUG1	BQIPLUSR
\$\$DATE^BQIUL1	BQIDCAH1 , BQINIGHT
\$\$FMTE^BQIUL1	BQIIPPT , BQIIPSNG , BQISYSIT
\$\$FMTMDY^BQIUL1	BQIIPCME , BQIIPCW , BQIIPUTL
\$\$HRN^BQIUL1	BQIIPBNL , BQIIPPNL , BQIIPPRV , BQIIPSNG , BQINIGHT
\$\$TKO^BQIUL1	BQIIPCM , BQIIPCME , BQIIPCW , BQIIPPT , BQIIPTVW , BQISYSIT BQIUTB2
\$\$TRIM^BQIUL1	BQIIPCM , BQIIPCW , BQIIPPNL , BQIIPPRV
\$\$VTWR^BQIUL1	BQINIGHT
\$\$CALR^BQIULPT	BQIIPPT
\$\$DPCP^BQIULPT	BQIIPPT
\$\$FLG^BQIULPT	BQIIPPT
\$\$HRNL^BQIULPT	BQIIPPT
\$\$LVDPCP^BQIULPT	BQIIPPT
\$\$LVDT^BQIULPT	BQIIPPT
\$\$MFLAG^BQIULPT	BQIIPPT
\$\$NAD^BQIULPT	BQIIPPT
\$\$SENS^BQIULPT	BQIIPPT
EN^BTPWPFND	BQINIGHT
^DIC	BQI27POS , BQIIPMNU , BQIIPTM , BQIIPTVW , BQIIPUTL , BQIPLUSR BQITAXXU , dd90508 . 014
\$\$FIND1^DIC	BQI27POS
FILE^DICN	BQI27POS , BQIIPMNU , BQIIPTM , BQIIPTVW , BQIIPUTL
DT^DICRW	BQINIGHT
^DIE	BQIPLUSR
FILE^DIE	BQI27POS , BQIIPMNU , BQIIPTVW , BQIIPUTL , BQIIPWKL , BQINIGH3 BQINIGHT , BQIPLUSR , BQITAXXU
UPDATE^DIE	BQIPLUSR
^DIK	BQI27POS , BQI27PRE , BQIIPTVW , BQINIGHT
IX1^DIK	BQINIGHT
IXALL^DIK	BQI27POS , BQIIPCHM
\$\$IENS^DILF	BQI27POS , BQIDCAH1 , BQIIPCM , BQIIPCME , BQIIPCW , BQIIPPNL BQIIPPRV , BQIIPPT , BQIIPBTL , BQIIPTVW , BQIIPUTL , BQINIGHT BQIPLUSR , BQITAXXU , BQIUTB2
\$\$ROOT^DILFD	BQIIPBTL , BQINIGHT
^DIM	dd90508 . 221
\$\$GET1^DIQ	BQIDCAH1 , BQIIPBNL , BQIIPCAT , BQIIPCM , BQIIPCME , BQIIPCW BQIIPMNU , BQIIPPNL , BQIIPPRV , BQIIPPT , BQIIPSNG , BQIIPBTL BQIIPTVW , BQIIPUTL , BQINIGHT , BQIPLUSR , BQISYSIT , BQIUTB2

\$\$CODEC^ICDCODE	BQINIGH3
\$\$VST^ICDCODE	BQINIGH3
^XBGSAVE	BQIIPCME
\$\$DOW^XLFD	BQI27POS, BQIDCAH1, BQIIPWKL, BQISYSIT
\$\$DT^XLFD	BQINIGHT
\$\$FMADD^XLFD	BQI27POS, BQIDCAH1, BQIIPCCT, BQIPEMP, BQIIPWKL, BQINIGH3
	BQINIGHT, BQISYSIT
\$\$FMTE^XLFD	BQINIGHT, BQISYSIT
\$\$HTFM^XLFD	BQISYSIT
\$\$NOW^XLFD	BQI27POS, BQIIPCM, BQIIPCME, BQIIPCW, BQIIPMNU, BQIIPNL
	BQIIPPRV, BQIIPPT, BQIIPSNG, BQIIPBL, BQIIPVW, BQIIPUTL
	BQIIPWKL, BQINIGH3, BQINIGHT, BQIPLUSR, BQISYSIT
\$\$LEAP^XLFD2	BQIDCAH1, BQIIPCCP, BQIIPCCT, BQIIPCME, BQIPEMP, BQIIPMNU
\$\$STRIP^XLFSTR	BQIDCAH1
\$\$PATCH^XPDUTL	BQISYSIT
\$\$VERSION^XPDUTL	BQIIPPT, BQINIGHT, BQISYSIT
\$\$PROD^XUPROD	BQIIPCME

Figure 8-1: iCare Population Management GUI external calls

8.2 Callable Routines – Published Entry Points

Table 8-1 provides a list of callable routines and their descriptions.

Table 8-1: Callable Routines

Routine Called	Description
DEMO^APCLUTL EP	Called to exclude demo patients
CLINIC^APCLV ; PEP	Given V is visit IEN, F is format, returns clinic on visit
PRIMPROV^APCLV; PEP	Returns primary provider on that visit in F format
PLSTLST^BEHOPT2 ;EP	Retrieves a list of personal lists for a user
UNFOLDTX^BGP6UTL2; EP	Sets up all the taxonomies for CRS
BQI^BGP6MUEPD;PEP	CRS API that iCare calls

8.3 Exported Options

There are no callable options in iCare since the user interface is GUI. Table 8-2 shows BQIRPC, which is the broker option that must be used to access iCare.

Table 8-2: Exported options

Option Name	Description
BQIRPC	Hosts RPCs in the BQI namespace. iCare users must have access to this option to use iCare.

9.0 Archiving and Purging

There is no archiving or purging in iCare.

10.0 Documentation Resources

This section describes the methods to generate iCare system technical documentation.

10.1 %INDEX Option

The %INDEX option analyzes the structure of a routine to determine, in part, if the routine adheres to RPMS programming standards. Its output can include the following components:

- Compiled list of errors and warnings
- Routine listing
- Local variables
- Global variables
- Naked globals
- Label references
- External references

Running %INDEX for a specified set of routines allows users to discover any deviations from RPMS programming standards that exist in the selected routines. It also allows the user to see how routines interact with one another i.e., which routines call, or are called by, other routines.

To run %INDEX for the iCARE package, type the **BQI namespace** at the Routine(s)?> prompt.

10.2 List File Attributes Option

This Department of Veterans Affairs (VA) FileMan option allows users to generate documentation pertaining to files and file structure. Using the standard format of the VA FileMan option yields the following data dictionary information for a specified file:

1. File name and description
2. Identifiers
3. Cross-references
4. Files pointed to by the file specified
5. Files that point to the file specified
6. Input, print, and sort templates

In addition, the following applicable data is supplied for each field in the file:

1. Field name, number, title, and description
2. Global location
3. “Help” prompt
4. Cross-references
5. Input transform
6. Date last edited
7. Notes

Using the Global Map format of this option generates an output that lists the following information:

1. All cross-references for the file selected
2. Global location of each field in the file
3. Input, print, and sort templates

For a comprehensive listing of iCARE package files, please refer to Section 6.0.

11.0 SAC Requirements and Exemptions

Figure 11-1 is a Standards and Conventions (SAC) Exemption Request for use of third-party User Interface (UI) controls.

Standards and Conventions (SAC) Exemption Request	
Request for Exemption to RPMS Programming Standards	
Package: BQI-iCare	Date: Jan. 07
Program: N/A	
Line Number: N/A	
Applicable Standard: Section 9 of the 2006 SAC	
Item #7 under Section 9.3 states that a SAC exemption must be requested for use of commercially purchased controls.	
Reason for Exemption:	
Requirements for the iCare application required the use of enhanced UI controls for datagrid, toolbars, tabbed MDI interface and print preview displays. To accommodate these needs without significant additional development time and cost associated with developing these custom controls, commercially available user interface controls were purchased from Infragistics for a nominal fee and were utilized within the GUI portion of the iCare application. The set of controls used at the time of this writing is the NetAdvantage for Windows Forms–Version 2007 Vol 1.	
The licensing agreement is attached with this application, and our understanding is that the control dll files may be incorporated and distributed with applications freely. The charge only comes into play for the developer licenses, i.e. in order for a developer to use these controls within a new application; they must have a properly licensed copy of the developer tools on the machines used for development.	
Use of these tools was suggested and encouraged by IHS liaisons early in the design phase of the project.	
Additional information about these controls is available from the Infragistics Web site:	
Product Description:	
http://www.infragistics.com/dotnet/netadvantage/winforms.aspx#Overview	
508 Accessibility Information:	
http://www.infragistics.com/learn/accessibility.aspx	
Current license agreement:	
http://www.infragistics.com/products/license.aspx#LicenseAgreements	
Developer:	
SACC Review	Date:
Recommend APPROVAL___ DISAPPROVAL___	
Duration:	
Comments:	
OIT Action	Date:
Request APPROVED___ DISAPPROVED___	
Comments:	
Director, DIT	

Figure 11-1: Exemption Request

12.0 Templates, Forms, and Protocols

12.1 Print Templates

There are no print templates in iCare.

12.2 Sort Templates

There are no sort templates in iCare.

12.3 Input Templates

There are no input templates in iCare.

12.4 List Templates

There are no list templates in iCare.

12.5 Forms

There are no forms in iCare.

12.6 Protocols

There are no protocols in iCare.

13.0 iCare Windows Client

13.1 Description of Development Environment

The iCare application was developed using the programming language C# within Microsoft (MS) Visual Studio (VS) 2015 integrated development environment (IDE). iCare is written to utilize the Microsoft .NET 4.0 framework (Client Profile). All new classes created for the iCare application exist within the namespace IndianHealthService.iCare.

In addition to the standard .NET object classes, the iCare application also uses commercially available Windows form controls from Infragistics (TM). All the controls used were part of a package of controls named Infragistics NetAdvantage for Windows Forms 2016 Volume 2.

In addition, the iCare application also utilizes the BMX version 4.0 software to facilitate security authentication and communication between the GUI Windows application and the RPMS server data. All data retrieval and updates are handled through the RPCs defined in the BQIRPC and BMXRPC namespaces.

All of the dynamic link library (dll) files upon which iCare depend are delivered with the iCare application install package and are stored in the iCare program directory. The default iCare install directory is: C:\%ProgramFiles%\Indian Health Service\iCare Version {Version Number}. There are no Active-X/COM files installed or registered with the iCare application.

13.2 iCare RPMS Server Requirements

The RPMS server portion of the iCare application does not require a specific version of Cache or operating system (OS). However, the server needs to be able to support BMX 4.0 fully, and is therefore subject to any requirements needed to run that application. Please refer to the *BMX version 4.0 Technical Manual* for details.

The iCare GUI client has certain workstation OS and hardware requirements, as detailed in Section 2.2.2 of the *iCare (BQI) Installation Guide and Release Notes*.

13.3 List of iCare GUI Dependencies

Table 13-1 shows the GUI dependencies associated with the iCare application.

Table 13-1: GUI dependencies

Dependency	Assembly Version	Description
Microsoft .Net 4.0 Framework (Client Profile)	Version 4.0 with any subsequent service packs from Microsoft	The Microsoft.NET 4.0 Framework is required for the iCare allocation. The iCare installation package will check this prerequisite during install and will assist with the download of this update from Microsoft. If online download is not available, installation will not be allowed until .Net 4.0 has been installed by other means.
BMXNet40.dll	4.0.0.2	This library file contains the general BMXNet 4.0 client-side utilities and functions for connecting to the RPMS server and managing data connections.
BMXWIN40.dll	4.0.0.2	This dll contains BMXNet 4.0 client side utilities and functions that are specific to use within the Windows stand-alone application environment.
bqi-iCareControlLibrary1.dll	2.1	The iCareControlLibrary1 is a Visual Studio 2013 collection of custom UI controls used by the iCare client.
bqi-ultraGridToolBar.dll	2.1	The ultraGridToolBar is a Visual Studio 2013 custom UI control used by the iCare client.
RichTextBoxPrintControl.dll	1.0.0.0	This class extends the RichTextBox control to allow for generation of formatted print documents for use in print preview and print to printer functions. Specifically, this is used to print character based reports pulled from RPMS and displayed in the iCare application.
UserInactivityMonitoring.dll	0.0.0.0	This class allows the iCare application to monitor user activity and implement locking and timeout functionality required by IHS for implementation on shared client machines.
Infragistics NetAdvantage for Windows Forms 2016 Vol.2	16.2.20162.2040	These dll files are also distributed with the iCare installation package. See Section 6.1 for details of individual files that are distributed.
Microsoft.Office.Interop.Excel.dll	14.0.0.0	Microsoft Office Interoperability dll used to allow iCare to open, edit and save MS Excel® files.

13.4 iCare Windows Client–Install %

Table 13-2 shows all of the files that will be installed with the iCare application. These files are installed into the main iCare application folder, which defaults to C:\%ProgramFiles%\Indian Health Service\iCare {Version Number}.

Table 13-2: iCare Windows install client

Filename	Assembly Version	Description
bqi-iCare.exe	2.7.0.5	This is the main iCare executable used to launch and run the iCare application.
BMXWIN40.dll	4.0.0.2	This dll contains BMXNet 4.0 client side utilities and functions that are specific to use within the Windows stand-alone application environment.
BMXNET40.dll	4.0.0.2	This library file contains the general BMXNet 4.0 client-side utilities and functions for connecting to the RPMS server and managing data connections.
bqi-iCareControlLibrary1.dll	2.1.0.0	The iCareControlLibrary1 is a Visual Studio 2012 collection of custom UI controls used by the iCare client.
bqi-ultraGridToolBar.dll	2.1.0.0	The ultraGridToolBar is a custom Visual Studio 2012 UI control that handles the set of buttons for search, print, copy, and export to MS Excel on each datagrid in the iCare application.
RichTextBoxPrintControl.dll	1.0.0.0	This class extends the RichTextBox control to allow generating formatted print documents in print preview and print to printer functions. Specifically, this is used to print character based reports pulled from RPMS and displayed in the iCare application.
UserInactivityMonitoring.dll	0.0.0.0	This class allows the iCare application to monitor user activity and implement locking and timeout functionality required by IHS for implementation on shared client machines.
Microsoft.Office.Interop.Excel.dll	14.0.0.0	Microsoft Interop dll. Used to reference Microsoft Office documents.
CMET.chm		Compiled HTML file that contains the online help for CMET.
HIV_AIDS.chm		Compiled HTML file that contains the online help for HIV/AIDS.
Improving_Patient_Care.chm		Compiled HTML file that contains the online help for IPC.
Meaningful_Use.chm		Compiled HTML file that contains the online help for Meaningful Use.
Natl_Meaures.chm		Compiled HTML file that contains the online help for National Measures.
Panel_Definition.chm		Compiled HTML file that contains the online help for Panel Definition.

Filename	Assembly Version	Description
Panel_List.chm		Compiled HTML file that contains the online help for Panel List.
Panel_View.chm		Compiled HTML file that contains the online help for Panel View.
Patient_Record.chm		Compiled HTML file that contains the online help for Patient Record.
Taxonomy_Maintenance.chm		Compiled HTML file that contains the online help for Taxonomy Maintenance.

Table 13-3 shows all the files that are part of a set of enhanced UI controls from Infragistics called NetAdvantage for Windows Forms Version 2016 Volume 2.

Table 13-3: Enhanced UI controls

Filename	Assembly Version	Description
Infragistics4.Documents.Core.v16.2.dll	16.2.20162.2040	This file contains the Infragistics Document Engine that allows export of PDF and XML formats.
Infragistics4.Documents.Excel.v16.2.dll	16.2.20162.2040	This file contains helper classes that allow export to Excel format without requiring that Excel is installed on the client machine.
Infragistics4.Documents.Reports.v16.2.dll	16.2.20162.2040	This file contains the Infragistics Document Engine that allows export of PDF and XML formats.
Infragistics4.Shared.v16.2.dll	16.2.20162.2040	This file contains general functions and types common to all the Infragistics controls.
Infragistics4.Win.Misc.v16.2.dll	16.2.20162.2040	This is a set of other miscellaneous functions and data types used when working with the other Infragistics classes.
Infragistics4.Win.UltraWinCalcManager.v16.2.dll	16.2.20162.2040	This dll file contains functionality to allow definition of functions and calculations with the Infragistics UltraGrid enhanced DataGrid class.
Infragistics4.Win.UltraWinChart.v16.2.dll	16.2.20162.2040	This dll file contains functionality used when charting patient measurements from PCC over time.
Infragistics4.Win.UltraWinDataSource.v16.2.dll	16.2.20162.2040	This dll file contains functionality to create manage data sources that can be used with the Infragistics UltraGrid, etc.
Infragistics4.Win.UltraWinDock.v16.2.dll	16.2.20162.2040	This dll file contains functionality to create manage docks that can be used with the Infragistics UltraGrid, etc.

Filename	Assembly Version	Description
Infragistics4.Win.UltraWinEditors.v16.2.dll	16.2.20162.2040	This dll file contains enhanced UI input controls such as the calendar date picker and special combo boxes.
Infragistics4.Win.UltraWinGauge.v16.2.dll	16.2.20162.2040	This dll file contains enhanced UI input control such as gauges.
Infragistics4.Win.UltraWinGrid.ExcelExport.v16.2.dll	16.2.20162.2040	This file contains the classes used to handle export of information from UltraGrid DataGrid to Excel format.
Infragistics4.Win.UltraWinGrid.v16.2.dll	16.2.20162.2040	The UltraGrid is an enhanced data-bound DataGrid used to display tabular data to the user. This also allows users to sort, filter, arrange columns, and select rows of data at run time.
Infragistics4.Win.UltraWinListBar.v16.2.dll	16.2.20162.2040	The UltraWinListBar is used to aid with navigation to forms.
Infragistics4.Win.UltraWinListView.v16.2.dll	16.2.20162.2040	The UltraWinListView is a user interface control to display lists of items.
Infragistics4.Win.UltraWinPrintPreviewDialog.v16.2.dll	16.2.20162.2040	This file contains classes to handle print preview windows for printable items with the application and allows for zoom, page layout adjustments, etc.
Infragistics4.Win.UltraWinSchedule.v16.2.dll	16.2.20162.2040	This file contains classes for scheduling controls for uses such as calendar, week views and month views, etc.
Infragistics4.Win.UltraWinStatusBar.v16.2.dll	16.2.20162.2040	The UltraWinStatusBar provides the enhanced status bar used at the bottom of form to provide status text and row counts.
Infragistics4.Win.UltraWinTabbedMdi.v16.2.dll	16.2.20162.2040	The classes within this file provide a way to present multiple forms within a tabbed interface style.
Infragistics4.Win.UltraWinTabControl.v16.2.dll	16.2.20162.2040	The UltraWinTabControl provides an enhanced tab UI interface used on forms to present multiple pages of data.
Infragistics4.Win.UltraWinToolbars.v16.2.dll	16.2.20162.2040	This file contains classes to handle the toolbars, menu and context menus within Windows forms.
Infragistics4.Win.UltraWinTree.v16.2.dll	16.2.20162.2040	The UltraWinTree allows data presentation in a tree-style layout where the user is able to drill down into categories of data.
Infragistics4.Win.v16.2.dll	16.2.20162.2040	This file contains classes used at a high level to control application-wide styles and appearances and interface with Windows XP themes, etc.

13.5 iCare Windows Client — List of Object Classes

Table 13-4 shows the new object classes used within the iCare Windows application. All of the specified class names exist within the namespace IndianHealthService.iCare.

Table 13-4: Object Classes

Class Name	Assembly	Description
CMETUtilities	bqi-iCare.exe	The CMETUtilities class provides utilities for implementing CMET functionality in iCare.
CmetWorksheet	bqi-iCare.exe	The CmetWorksheet class is a custom user control used to implement the CMET Worksheet functionality for processing a CMET-tracked event through iCare.
DAddTemplate	bqi-iCare.exe	DAddTemplate class provides a view to allow users to select layout type and template name before editing a template.
DAppTimeCountdown	bqi-iCare.exe	DAppTimeCountdown class provides a 60-second timer gauge for counting down before minimizing iCare application.
DBackProcProperties	bqi-iCare.exe	The DBackProcProperties class provides a grid view of the status for background jobs that iCare utilizes. The screen displays the name of the process, the last run date/time, and the next run date/time.
DCategoryPicker	bqi-iCare.exe	The DCategoryPicker class provides the user the ability to pick a desired category for a panel. Category editing can also be accessed from this class.
DChartView	bqi-iCare.exe	The DChartView class provides the user the ability to graph PCC Measurement data for a specific patient through iCare.
DChartViewIPCFacAgg	bqi-iCare.exe	The DChartViewIPCFacAgg class provides the user the ability to graph IPC Facility Aggregated Measurement data through iCare.
DChartViewIPCProvAggByMeas	bqi-iCare.exe	The DChartViewIPCProvAggByMeas class provides the user the ability to graph IPC Provider Aggregated Measurement selected by measure data through iCare.
DChartViewIPCProvAggByProv	bqi-iCare.exe	The DChartViewIPCProvAggByProv class provides the user the ability to graph IPC Provider Aggregated Measurement selected by provider data through iCare.
DChartViewIPCTeamAggByMeas	bqi-iCare.exe	The DChartViewIPCTeamAggByMeas class provides the user the ability to graph IPC Team Aggregated Measurement selected by measure data through iCare.

Class Name	Assembly	Description
DChartViewIPCTeamAggByTeam	bqi-iCare.exe	The DChartViewIPCTeamAggByTeam class provides the user the ability to graph IPC Team Aggregated Measurement selected by team data through iCare.
DChartViewNationalMeasurements	bqi-iCare.exe	The DChartViewNationalMeasures class provides the user the ability to graph National Measurement data for a specific patient through iCare.
DChoiceDlg	bqi-iCare.exe	The DChoiceDlg class allows the user to select one or more selections in a generic dialog as a list of option buttons or check boxes.
DCMETAddEvent	bqi-iCare.exe	The DCMETAddEvent class allows the user with CMET Package Manager access to add a manual event to CMET.
DColorPicker	bqi-iCare.exe	The DColorPicker class allows the user to select a desired color and is implemented to support the new panel category feature.
DCommAlerts	bqi-iCare.exe	The DCommAlerts class provides a display of any active community alerts at login.
DCopyPanel	bqi-iCare.exe	The DCopyPanel class allows the user to create a copy of a panel from the user's panel list in iCare.
DCreateRegister	bqi-iCare.exe	The DCreateRegister class allows the user to create a register based on a panel in iCare.
DGenEdit	bqi-iCare.exe	The DGenEdit class is a table-driven dynamic data entry form that can be used to provide an interface to simpler RPMS data entry screens.
DGenEditForm	bqi-iCare.exe	This class simply provides a prewrapped DGenEdit control in a form with appropriate default form settings preconfigured.
DGridView	bqi-iCare.exe	The DGridView class provides a generic grid data display form with the standard grid functions (search, print, etc.) for data best displayed in a tabular fashion.
DiCareMain	bqi-iCare.exe	The iCareMain class provides the main form for the iCare application. It currently contains a tabbed multiple document interface (MDI) control that holds the Panel List and the Flag List for the signed-in iCare user. Closing the main form will exit the application.
DInputDialog	bqi-iCare.exe	The DInputDialog class provides a generic user input form used primarily when copying panels to a different name. Updated to allow masked input and encryption for electronic signature functionality.
DInputDialogMultiline	bqi-iCare.exe	The DInputDialogMultiline class provides a generic user input form to allow multiline data entry.

Class Name	Assembly	Description
DlpcExport	bqi-iCare.exe	The DlpcExport class provides a method for the user to select a month and the provider to export for IPC reporting.
DLabFilter	bqi-iCare.exe	The DLabFilter class allows users to edit an existing Lab Detail filter entry for use in DPanelDef as panel filter.
DLetterView	bqi-Care.exe	The DLetterView class allows users to create a TIU note through iCare, save it to RPMS, and sign it electronically to complete it.
DManageTemplates	bqi-Care.exe	The DManageTemplates class provides a window for users to manage templates for panel view. Templates are now shareable across users.
DMsgBox	bqi-iCare.exe	The DMsgBox class provides a generic message box that displays a message to the user when the application is performing a task that must complete before the user can continue.
DNewVersion	bqi-iCare.exe	The DNewVersion class allows users to choose to revisit their User Preferences when a new version of the software is released.
DNotifications	bqi-iCare.exe	The DNotifications class provides a form to allow the user to manage notifications received for the user regarding changes to shared panels, panel repopulate issues, etc.
DPanelDef	bqi-iCare.exe	The DPanelDef class provides a form to allow the user to manage an individual panel definition used to generate the patient list, as well as preview changes to the list, customize the patient list and detail layouts, manage sharing, and auto-repopulate options.
DPanelProperties	bqi-iCare.exe	This form provides a display of some of the panel's more detailed properties in tabbed interface.
DPanelSearch	bqi-iCare.exe	The DPanelSearch class provides a form to allow the user to search the patient list from DPanelView based on demographic fields.
DPanelView	bqi-iCare.exe	The DPanelView class provides a form to allow the user to view and manage an individual panel of patients. This form contains a customizable patient list, flag list, customizable GPRA detail list, and GPRA Aggregate all based on patients in the panel.
DPatientProperties	bqi-iCare.exe	The DPatientProperties form class provides a display of additional demographic and other fields related to the patient record in a pop-up window display.

Class Name	Assembly	Description
DPatientView	bqi-iCare.exe	The DPatientView class provides a form to allow the user to view and manage an individual patient. This form contains the following tabs: Cover Sheet, Flags, Reminders, Patient GPRA, Face Sheet, Health Summary, Wellness Summary, Labs, Meds, Radiology, and Problem List. The user can manage an individual patient's flags and view patient results in this form.
DPccEdit	bqi-iCare.exe	The DPccEdit class provides the user interface for entering historical PCC event data through iCare.
DPnlAddRemove	bqi-iCare.exe	The DPnlAddRemove class provides a form to allow users to select or deselect panels. This functionality is used when selecting panel filters, adding a patient to panels, and selecting panels to immediately repopulate in the background.
DQueuedEventsTrack	bqi-iCare.exe	The DQueuedEventsTrack class allows users to track CMET data mined events as a batch or singly with the ability to continue on to the CMET Worksheet.
DReassignPanel	bqi-iCare.exe	The DReassignPanel class allows users with iCare Package Manager access to reassign panels from one iCare user to another – especially if users are no longer with the organization.
DRegBatchEdit	bqi-iCare.exe	This class provides a dialog that allows the user to change selected values on multiple patients selected within a panel.
DReportGenCancel	bqi-iCare.exe	The DReportGenCancel provides a way to cancel Async loading reports.
DReportMsgCancel	bqi-iCare.exe	The DReportMsgCancel provides a cancel message box after a user cancels an Async report.
DSearchInfo	bqi-ultraGridToolBar.dll	The DSearchInfo class provides a form for the user to search for values within the context of a bound UltraGrid (Infragistics control).
DSearchText	bqi-iCare.exe	The DSearchText class allows users to search RichTextBox controls to implement Find functionality.
DSelectPatient	bqi-iCare.exe	The DSelectPatient class provides a form to allow users to select patients from the RPMS system based on name, HRN, and DOB searches.
DSiteParametersCMET	bqi-iCare.exe	The DSiteParametersCMET class allows the user with CMET Package Manager access to edit the CMET Site Parameters.

Class Name	Assembly	Description
DSiteParametersDivision	bqi-iCare.exe	The DSiteParametersDivision class provides a way for users to set Division site parameters settings.
DSiteParametersDMAudit	bqi-iCare.exe	The DSiteParametersDMAudit class provides a way for users to set DM Audit site parameters settings.
DSiteParametersEmployer	bqi-iCare.exe	The DSiteParametersEmployer class provides a way for users to set Employer site parameters settings.
DSiteParametersGroupOrder	bqi-iCare.exe	The DSiteParametersGroupOrder class provides a way for users to set Group Order site parameters settings.
DSiteParametersIPC	bqi-iCare.exe	The DSiteParametersIPC class provides a way for users to set IPC site parameters settings.
DSiteParametersLockiCare	bqi-iCare.exe	The DSiteParametersLockiCare class provides a way for users to set iCare time out settings.
DSiteParametersMU	bqi-iCare.exe	The DMUSiteParameters class allows users with the appropriate security key to maintain the site's MU site parameters.
DSiteParametersPregnancy	bqi-iCare.exe	The DSiteParametersPregnancy class provides a way for users to set Pregnancy site parameters settings.
DSplash	bqi-iCare.exe	The DSplash class provides the initial splash screen displayed when starting iCare to show startup progress and installed version.
DTableLookup	bqi-iCare.exe	The DTableLookup class provides the ability for users to search for items for generic table search and is implemented in support of the DGenEdit class for generic form generation.
DDTagHistory	bqi-iCare.exe	The DTagHistory class provides the user with the ability to review the audit history of changes related to a patient's diagnostic tags, including the factors that proposed the tag.
DDTagReason	bqi-iCare.exe	The DTagReason class provides the user with a form to enter the reason for proposing, accepting or not accepting a diagnostic tag for a patient.
DTaxonomyLookup	bqi-iCare.exe	The DTaxonomyLookup class provides the ability to search for taxonomy items to be included in site populated taxonomies.
DTaxonomyMaint	bqi-iCare.exe	The DTaxonomyMaint class provides a form to allow users to review and edit site-populated taxonomies if the users have the proper access rights.

Class Name	Assembly	Description
DTemplate	bqi-iCare.exe	The DTemplate class provides the user the ability to enter user data into existing TIU templates in order to include the template and input into a TIU note.
DTextView	bqi-iCare.exe	The DTextView class provides the user the ability to view text detail such as visit detail, lab detail, etc. for review in iCare.
DToast	bqi-iCare.exe	The DToast class provides the display of Notifications received by iCare displayed as a pop-up message that will appear and disappear like other MS notifications.
DTrackedEventClose	bqi-iCare.exe	The DTrackedEventClose class allows users to enter a close reason and comment when closing a CMET-tracked event.
DUnlock	bqi-iCare.exe	The DUnlock class prompts a user to enter their current verify code to unlock iCare.
DUserAppPrefs	bqi-iCare.exe	The DUserAppPrefs class provides a form to allow the user to manage their application preferences such as My Patients Definition, Flag Preferences, and Default Startup View. The form defined by this class also doubles as the Initial Login Wizard that allows users to set up their preferences when first logging into iCare.
DUserRoles	bqi-iCare.exe	The DUserRoles class gives users the ability to manage iCare access rights to manager keys and editor keys for iCare and the CMET package manager keys.
DValAddRemove	bqi-iCare.exe	The DValAddRemove class allows users to select one or more values from RPMS tables.
DValTreeAddRemove	bqi-iCare.exe	The DValTreeAddRemove class allows users to select one or more values from RPMS tables using TreeView controls.
DViewLayout	bqi-iCare.exe	The DViewLayout class allows users to edit their individual panel layouts and default layout templates.
DVisitFilter	bqi-iCare.exe	The DVisitFilter class allows users to define a Visit Detail filter associated with a panel definition. The DVisitFilter class is only referenced from DPanelDef at this time.
iCareDocumentManager	bqi-iCare.exe	The iCareDocumentManager class provides the framework for RPMS session connectivity, authentication, and other sign-on tasks. The iCareDocumentManager class also serves as the main document controller for the application by managing a list of open windows, document locking, most recently used (MRU) list, and logic to handle cleanup on application exit.

Class Name	Assembly	Description
iCareUser32	bqi-iCare.exe	The iCareUser32 class provides access to User32.dll methods and is implemented to lock iCare.
iCareUtilities	bqi-iCare.exe	The iCareUtilities class contains utility functions used through the iCare application.
LabelLookup	bqi-iCare.exe	The LabelLookup class is a custom user control implemented in DGenEdit for table lookups when the RPMS table is too big to display as a combo box.
mdiAlerts	bqi-iCare.exe	The mdiAlerts class provides the MDI form that allows users to manage flags for any patient in at least one panel of the user's panel list. Flags can be refreshed, shown, and hidden from this form, and patients can be opened from the form defined by this class, as well.
mdiCommunityAlerts	bqi-iCare.exe	The mdiCommunityAlerts class provides a form that can be added as a tab on iCareMain screen to provide a list of current community alerts.
mdiEventTracking	bqi-iCare.exe	The mdiEventTracking class provides a form that is added as a tab on the iCare Main form to provide access to CMET events via three sub-tabs, Events, Tracked Events, and Follow-up Events, where users can manage their site's CMET workflow.
mdilIPC	bqi-iCare.exe	The mdilIPC class provides a form that is added as a tab on the iCare Main form to provide access to IPC measurements via four sub-tabs where users can review their site's IPC performance: Patient Detail, Provider Detail, Providers Aggregated, and Facility Aggregated.
mdiMeaningfulUse	bqi-iCare.exe	The mdiMeaningfulUse class provides a form that is added as a tab on the iCare Main form to provide access to Meaningful Use measurements via four sub-tabs where users can review their site's MU performance: Providers – Obj, Hospital/CAHs – Obj, Providers – CQ, and Hospital/CAHs – CQ.
mdiNationalMeasures	bqi-iCare.exe	The mdiNationalMeasures class provides a form that is added as a tab on the iCare Main form to provide access to the site's National Measures performance.
mdiPanelList	bqi-iCare.exe	The mdiPanelList class provides the MDI-child form that allows users to manage panels that are owned (created) by them or shared with them by another user. In addition, the form defined by this class allows panels to be created, edited, repopulated, deleted, shared, opened, and copied.

Class Name	Assembly	Description
MultiltemEditor	bqi-iCareControlLibrary1.dll	MultiltemEditor is a grid-editing control that allows display and editing of multicolumn subrecord data within a single data entry form.
NotificationProcess	bqi-iCare.exe	The NotificationProcess class is a custom user control used to implement Reminders Notification; PatientBatchProcessing uses this method to control group box updates.
PatientBatchProcessing	bqi-iCare.exe	The PatientBatchProcessing class is a custom user control used to implement the Definition Details Reminder Notification, Notification Process functionality for processing a notification sent to a user through iCare.
PnlDocument	bqi-iCare.exe	The PnlDocument class is the primary panel object for the RPMS panel file.
PnlFilters	bqi-iCare.exe	The PnlFilters class is the object used to contain the filters associated with a panel definition.
PnlLayout	bqi-iCare.exe	The PnlLayout class is the object used to contain a layout associated with the panel or the user preference default template layout.
PnlParams	bqi-iCare.exe	The PnlParams class is the object used to contain the parameters associated with a panel definition.
PtDocument	bqi-iCare.exe	The PtDocument class is the primary patient object based on the RPMS patient file.
TabFormattedTextBox	bqi-iCareControlLibrary1.dll	The TabFormattedTextBox class is used to override default behavior for UltraFormattedTextEditor.
ToastHelper	bqi-iCare.exe	The ToastHelper class describes the arguments used for the event arguments when the user opens the Notifications form from the Notification window.
ToolSeparatorDrawFilter	bqi-iCare.exe	This ToolSeparateDrawFilter class provides a mechanism for changing properties on Begin new group on menu.
UltraColorPickerPlus	bqi-iCare.exe	The UltraColorPickerPlus class is a copy of Infragistics Color Picker, modified to allow disabling of color selection tabs.
UltraGridToolBar	bqi-ultraGridToolBar.dll	The ultraGridToolBar class is a toolbar control that provides printing, exporting, copy, and search for a bound UltraGrid (Infragistics control).
UltraGridUtilities	bqi-ultraGridToolBar.dll	The ultraGridUtilities class is a grouping of methods by ultraGridToolBar.

14.0 Accessibility Checklist

14.1 Indian Health Service (IHS) Section 508 36 CFR

Part §1194.21 Software Applications and Operating Systems Checklist

Software Application and Version: IHS iCare Version 2.6.0.7

Manufacturer/Contractor/Developer: General Dynamics IT

Tester: General Dynamics IT

Date: July 2017

- Fully Compliant (FC): All instances are Fully Compliant
- Non-Compliant (NC): All instances are Non-Compliant
- Partially Compliant (PC): Requires further explanation
- Not Applicable (N/A): Standard is not applicable to this application

Compliance is defined as meeting the requirement set forth in the Section 508 Technical Standards 36 CFR Part 1194, <https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-section-508-standards/guide-to-the-section-508-standards/software-applications-and-operating-systems-1194-21>.

Table 14-1: ID number and an explanation for any PC or NC results.

ID	36 CFR Part 1194.21: Software Applications and Operating Systems Standards & Checklist Test Question	FC	PC	NC	N/A
1	(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually. Can you navigate and use all aspects of the application using only the keyboard?	FC-w/ minor			

ID	36 CFR Part 1194.21: Software Applications and Operating Systems Standards & Checklist Test Question	FC	PC	NC	N/A
2	(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer. Are all of the accessibility options that were previously set still available?	FC			
3	(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes. Is the focus well defined?	FC			
	Is there no evident change in on-screen focus as you navigate through one or more components of an application?	FC			
4	(d) Sufficient information about a user interface element including the identity, operation, and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text. Can the screen reader distinguish and read all controls to the user, such as prompts for edit fields, text, option buttons, check boxes, menus, and toolbars?		PC –Testing is Pending with Assistive Technology Products		
5	(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance. Do individual icons used to identify controls, status indicators, or other programmatic elements mean the same thing throughout the application?	FC			

ID	36 CFR Part 1194.21: Software Applications and Operating Systems Standards & Checklist Test Question	FC	PC	NC	N/A
6	(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes. Is all text presented in the application readable by assistive technologies?	FC—Testing is Pending with Assistive Technology Products			
7	(g) Applications shall not override user selected contrast and color selections and other individual display attributes. Does the software not override user-selected contrast and color selections and other individual display attributes or settings?	FC			
8	(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user. If animated objects exist, does the information conveyed by the animated object exist in another mode, i.e., captions?	FC			
9	(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. If color is the sole means used to prompt a response, indicate an action, distinguish a visual element, or convey information, is the information displayed in another mode? For example: If the color red indicates negative numbers, are those numbers also represented with a negative sign (-)?	FC			
10	(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided. If users can adjust color and contrast settings, are a variety of color and contrast settings available to choose from?				N/A
11	(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz. If any flashing or blinking objects or text occurs in the application, are the frequencies less than 2 Hz and greater than 55Hz?	FC			

ID	36 CFR Part 1194.21: Software Applications and Operating Systems Standards & Checklist Test Question	FC	PC	NC	N/A
12	(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues. Can you navigate and follow links and forms with the keyboard?	FC–Pending			
	Can the electronic forms be used with assistive technologies?		PC –Testing is Pending with Assistive Technology Products		
	Can a screen reading program read all prompts, directions, explanations, or instructions on the form and understand the purpose of each field?		PC –Testing is Pending with Assistive Technology Products		
13	Documentation: Are all manuals and documentation provided in electronic format, as well as text files, including text descriptions of any charts, graphs, pictures, or graphics of any nature?	FC–Pending			

Table 14-2: Explanation of results

ID	Explanation
1	Currently all functionality in the application is accessible via keyboard, except for changing sort order and applying list filters to DataGrid lists. Staff is working with the vendor of the DataGrid to find a way to make this functionality available by keyboard only, but changing sort order and applying list filters to DataGrid lists is not considered critical functionality. The most important data lists have user-customizable column order and sort screens that are accessible via the keyboard-only usage.
4	Testing with screen-reading assistive technology software is pending. It is anticipated that the application will need some modification to work effectively with screen-reading software; however, all components used in development claim to meet Section 508 compliance measures and each control makes accessibility-related properties available to help the screen-reader software. Therefore, the application will be able to meet compliance, but may need adjustments with respect to accessibility properties.
6	See comment on ID #4 in Table 14-2. One challenge for the iCare application is that, by its nature, it involves working with long lists of patients, laboratory results, GPRA data, etc. This work may be challenging to convey in a practical way via screen-reading software, but the current design seems to be as appropriate as any for handling long lists.
10	iCare uses Windows-system or theme colors for all controls in the application and does not offer any functionality within iCare itself to modify the colors, etc.
12	Testing is pending. See comment IDs #4 and #6 in Table 14-2.

ID	Explanation
13	All documentation is being prepared using IHS form templates and documentation standards and guidelines.

Application results:

Fully Compliant __ Partially Compliant __ Noncompliant __ N/A __

Additional Comments:

This initial review is based on application status prior to alpha and beta testing. Testing related to Section 508 compliance will continue and improvements will continue to be made prior to national release and potentially thereafter.

Glossary

Care Management Event Tracking (CMET)

New functionality created in the BTPW namespace to implement event tracking for specific events from identification through patient notification. iCare is the first interface to use the CMET functionality.

Case File Manager(s)

The system owner(s) of the individual CM application. The case file manager(s) will have full security access to the application to perform various setup functions and assign access roles to other users.

Case Manager(s) (CM)

A term used to describe a particular type of clinical role within a clinic. Case managers are typically, but not always, nurses who perform clinical management tasks for specified groups of patients, e.g. diabetics.

Centers for Disease Control and Prevention (CDC)

An agency within the Department of Health and Human Services (HHS).

Centers for Medicare & Medicaid Services (CMS)

An agency within the HHS.

Electronic Health Record (EHR)

An application used by medical organizations to track patient medical records and care.

Health Resources and Services Administration

An agency within HHS.

ICD Codes

One of several code sets used by the healthcare industry to standardize data. The International Classification of Disease (ICD) codes are an international diagnostic coding scheme. In addition to diseases, ICD also includes several families of terms for medical-specialty diagnoses, health status, disablements, procedures, and reasons for contact with health care providers. IHS currently uses ICD-9 for coding.

Improving Patient Care (IPC)

The Improving Patient Care program's aim is to change and improve the Indian Health system. IPC will develop high performing and innovative healthcare teams to improve the quality of and access to care. The IPC results will be a medical home that sets new standards for healthcare delivery and further advances the health and wellness of the American Indian and Alaska Native people. iCare is a tool used by the IPC healthcare teams to evaluate the quality of care and identify areas for improvement.

Meaningful Use (MU)

Meaningful Use (MU) is a term used by CMS to ensure that providers and hospitals that have adopted certified EHR are using the technology to further the goals of information exchange among health care professionals. Eligible Providers (EPs) and Eligible Hospitals (EHs) will achieve meaningful use if the EP or EH: (a) demonstrate use of certified EHR technology in a meaningful manner, (b) demonstrate the certified EHR technology provides for electronic exchange of health information to improve quality of care, and (c) use certified EHR technology to submit information on clinical quality and other measures.

Office of Information Technology (OIT)

The organization within IHS that is responsible for developing and maintaining RPMS and related IT functions.

PCC form

The paper form used in most IHS direct, Tribal, and urban (I/T/U) clinics on which the provider(s) document all data from the patient's visit. Used by data entry staff to enter patient data into RPMS PCC.

PCC+

The RPMS PCC+ software produces automated, customizable PCC forms.

Purpose of Visit (POV)

In RPMS, ICD codes and narrative describing the patient's purpose of visit (POV) are documented in PCC V POV.

Resource and Patient Management System (RPMS)

A series of integrated software components that includes clinical, administrative, and financial functions.

RPMS Patient Care Component (PCC)

Refers to functions within RPMS as a clinical data repository, storing visit-related data about a patient.

Software Quality Assurance (SQA)

The office within OIT responsible for ensuring that the system conforms to RPMS Programming Standards and Conventions (SAC).

Taxonomy

In RPMS, a grouping of functionally related data elements, such as ICD codes. For iCare, taxonomies will be used as definitions for diagnoses, procedures, laboratory tests, medications, and other clinical data types.

Text Integration Utility (TIU)

Refers to functions within RPMS used to store long blocks of text in the medical record.

Visual Studio

Visual Studio is a Microsoft software-development tool and integrated development environment (IDE) used to develop the iCare client application.

Acronym List

Acronym	Term Definition
API	Application Programmer Interface
BMI	Body Mass Index
BQI	Namespace for iCare files and routines
CDC	Centers for Disease Control and Prevention
CFR	Code of Federal Regulations
CKD	Chronic Kidney Disease
CM	Case Manager(s)
CMET	Care Management Event Tracking
CMS	Center Medicaid and Medicare Services, an agency within IHS
CPT	Current Procedural Terminology
CRS	Clinical Reporting System
DM	Diabetes Mellitus
DOB	Date of Birth
DOD	Date of Death
DT	Current Date
DX	Diagnosis
EH	Eligible Hospitals
EHR	Electronic Health Record
EP	Eligible Providers
ESRD	End Stage Renal Disease
FC	Fully Compliant
GPRA	Government Performance and Results Act
GUI	Graphical User Interface
HHS	Health and Human Services
HIV	Human Immunodeficiency Virus
HMS	HIV Management System
HRN	Health Record Number within RPMS
HTML	HyperText Markup Language
ICD	International Classification of Diseases
IDE	Integrated Development Environment
IEN	Internal Entry Number
IHS	Indian Health Service
IPC	Improving Patient Care programs

Acronym	Term Definition
I/T/U	Abbreviation referring to all IHS direct, Tribal, and urban facilities. Using the abbreviation I/T/U generally refers to all components of the Indian healthcare system.
KIDS	Kernel Installation and Distribution System
MDI	Multiple Document Interface
MRU	Most Recently Used
MS	Microsoft
MU	Meaningful Use
N/A	Not Applicable
NC	Non-Compliant
NND	Nationally Notifiable Diseases
NOS	Not Otherwise Specified
OIT	Office of Information and Technology
OS	Operating System
PC	Partially Compliant
PCC	RPMS Patient Care Component
PDF	Portable Document Format
PEP	Published Entry Points
POV	Purpose of Visit
QOC	Quality of Care
REM	Reminder
RPC	Remote Procedure Call
RPMS	Resource and Patient Management System
SAC	Standards and Conventions
SNOMED	Systematized Nomenclature of Medicine
SQA	Software Quality Assurance
TIU	Text Integration Utility
UI	User Interface
V-file	Visit File
VA	Department of Veterans Affairs
XML	Extensible Markup Language

Contact Information

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

Phone: (888) 830-7280 (toll free)

Web: <http://www.ihs.gov/helpdesk/>

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