**Question being asked:** Is there a requirement for DSS to provide an interface control document within the current VISN contracts or any diagrams or listings of interfaces?

Example of DSS contract which identifies this need for interface is found in VISN 15 DSS Databridge contract: Award date July 1, 2012: Contract number GS- 35F – 0485N

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**Clinical Information Systems/ VISN 15 Expansion:**

**Background: C**ontractor hereby acknowledges that in conjunction with the DataBridge provided under

this Contract, VISN 15 intends on installing an ICU-Clinical Information System (ICU-CIS) and an

Anesthesia Record Keeping System (ARK), and an Analytics Database. Each system to be installed shall

have the flexibility for future expansion, which would allow access from other locations as deemed

necessary by VISN 15. Under this Contract, the Contractor shall provide an interface which will be fully

compatible with and enable full integration of all systems including the future CISs, Analytics Database,

and clinical data obtained from the VA’s electronic medical record, VISTA, and other existing VA

systems as further defined herein. The database architecture of the anticipated CIS systems will be

designed to facilitate the real-time operations of these complex, time-critical systems. The interface must

also work in real time with these systems.

The VISN 15 DataBridge must be capable of bi-directional communication between VistA, CPRS,

Solution Analytics Healthcare Analytics System, commercial off the shelf ICU-CIS systems and

commercial off the shelf ARK systems. This software interface must filter information from *VistA/CPRS*

to VISN 15’s commercial Clinical Information System/Anesthesia Record Keeping (CIS/ARK) system

successfully integrating the systems together using various communication technologies including HL7

v2.4 and XML, RPC broker protocols. It must also provide a method for an image of the recorded

anesthesia/ICU case saved as a PDF file (where it is appropriate) to be stored in the VistA modules and/or

VistA Imaging systems. The Contractor must have an expert understanding of VistA data rules, and must

have routines that are written in the VA allocated VEJD, DSI, DSIH, DSIC namespaces, which assures

that Contractor routines will not conflict with nationally distributed or locally developed software. The

Contractor must write programs that integrate with VistA using well-defined FileMan Application

Programming Interfaces (API's). This is the VA supported standard method of integrating with VistA using Remote Procedure Calls (RPC). Finally, the Contract defined herein must not require VA development resources.

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Task 1 from CIS Implementation.docx v1 Review vendor specific end users scripts 4 hours

Services to implement DSS CIS-DataBridge include project management for coordination of schedules for onsite visits and follow up meetings, configuration of End-user menu options, application testing, final

acceptance testing, Post-installation support and mentoring for Super-users of the CIS-DataBridge. Services also include review of vendor specific end user scripts to ensure that integration is being

properly tested (may be On or Off site) during Test and Live VistA implementation.

It is required for the review of vendor specific end user scripts to ensure

that integration is being properly tested, as well as, to ensure it meets

the needs of VA Integrated Product Team/Business Teams (Patient

Safety, Patient Security, EIE, etc.). Vendors will be required to supply

DSS with their application’s end user acceptance testing scripts. These

will be reviewed by DSS along with the VISN’s ARK/CIS coordinators for

completeness, and will be used for each implementation for that vendor.

DSS will use the scripts to become more familiar with the vendor’s

applications housed on the DSS virtual servers.

Task 2 from CIS Implementation.docx v1.2 Assisting during on and off-site Test and Live VistA testing

120 (three weeks @ 40 hours each)

Services to implement DSS CIS-DataBridge include Project

Management for End-user Menu Options, Testing, Final Acceptance

Testing, Post-Installation Support and Mentoring for CIS-DataBridge

Super-users. Services include Review of vendor specific end user

scripts **to ensure that integration is being properly tested**, On-off site,

during Test and Live VistA testing.

Assisting vendors, on and off site, during Test and Live VistA testing.

DSS will accompany the vendors to the facilities when testing is being

kicked off. DSS will assist and track initial testing with the vendors to

ensure that any and all configurations are completed with

CIS-DataBridge.

Testing will still occur between the site and the vendor. DSS will observe,

assist and track any issues that arise during the testing.

Task 3 from CIS Implementation.docx v1.2 Monitor, track, and report site issues 104 (2 hours per week for one year)

Monitor, track and report site issues with vendors, VistA and DSS.DSS will report all issues found for a vendor, both by site and as a collective report for the vendor. DSS will work with the VistA IRM, Vendors and DSS PLM to get timelines for resolution. Adherence to these timelines will be tracked as

well for reporting to COTRs.

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**3.0. SYSTEM / SERVICE REQUIREMENTS**

**3.1 DataBridge Requirements**

VISN 15 requires a software interface that includes all necessary software used to filter

information from *VistA/CPRS* to VISN 15’s anticipated commercial Clinical Information System

and Anesthesia Record Keeping (CIS/ARK) system as well as an Analytics Database which are

anticipated to be installed between FY11 and FY12 under a separate procurements. This interface

must be bi-directional, transferring information from the ICU-CIS, and ARK back to VistA. This

interface must successfully integrate all systems together using various communication

technologies including HL7 v2.4 and XML, RPC broker protocols. This interface must have

routines that are written in a way such that they do not conflict with nationally distributed or

locally developed software for VistA. VA standard methods for integrating with VistA must

be employed in order to have a successful interface. These standard methods include the use of

FileMan Application Programming Interfaces (API's) and Remote Procedure Calls (RPC).

Additionally, the development of this interface must not require the use of VA programmers.

The interface must allow for the communication from and to the following systems:

From VistA to ICU-CIS

From ICU-CIS to VistA

From VistA to ARK

From ARK to VistA

From VistA to Analytics

These are the two attachments that were added to previous ICU CIS and ARK contracts:

Which I have attached to this email…