REVAMP

Remote Veterans Apnea Management Portal

CONFIGURATION/SETUP INSTRUCTIONS

SERVER CONFIGURATION DOCUMENT

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REVAMP
VA118-12-Q-0582

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04/18/2013

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Change Log

Date	Version #	Author	Revision Description
04/18/2013	1	Intellica	Created

Introduction

This document describes the procedures required to configure the REVAMP system. This document assumes an educational level of an Information Technology (IT) staff trained equivalent member.

Minimum Hardware/Software Requirements

The following requirements are the minimum hardware/software requirements needed to run the REVAMP system.

Hardware Requirements

Application Server

- Processor(s): Two 2.25 GHz
- RAM: 4 GB
- Root Hard drive: 30 GB
- Application Hard dive: 5 GB

Database Server

- Processor(s): Two 2.25 GHz
- RAM: 5 GB
- Root Hard drive: 20 GB
- Database Hard drive: 50 GB

File Import Workstation

- Processors(s): Two 2.25 GHz
- RAM: 1 GB
- Hard drive: 30 GB

Software Requirements

Web Server

- Windows Server 2008 R2 Standard SP 1 64-bit
- IIS 7.0
- .NET Framework 3.5 SP 1
- FIPS complaint SSH client

Database Server

- Windows Server 2003 Enterprise SP 2 64-bit
- Oracle Database Standard Edition 1 11g
- FIPS complaint SSH Server

File Import Workstation

- Windows 7 Professional SP 1 64-bit
- Windows Server 2003 Resource Kit Tools
- Oracle Client 11g 32-bit
- SFTP Client

Port Settings

The following ports are recommended for communication with the servers.

Application Server

- Port 443 for IIS
- Port 22 for SSH

Database Server

- Port 22 for SSH

File Import Workstation Configuration

Create Script

Create a script that uses the STFP client to retrieve the data source files from the SFTP server. The script should place the data sources files in "Local Disk (C:) / RevampFiles / FOLDER_NAME" where FOLDER_NAME is the name of the data source type. For example, the Phillips data source file would go to "Local Disk (C:) / RevampFiles / data_phillips". This directory should match the directory value of the corresponding import definition.

Create Windows Task

Create a Windows task that calls the script created in the previous section every day.

Copy Files

Copy the File Import program files to the "Local Disk (C:) / Program Files (x86) / Intellica / RevampFileImport" directory of the workstation.

Configure Program

The following sections describe the attributes of the File Import Program. Some of these attributes may require modifications.

Import Definition

A string that describes a collection of settings for the File Import Program. The program comes with two predefined import definition. The two definitions are "Phillips Import Definition" and "RESMED Import Definition." Only modify the suggested attributes. Modifying these definitions may break the file import process for these definitions.

Description File

A string that describes the directory where the description file is stored. Enter a directory the where File Import program has read access to.

Field Delimiter

A string that describes the delimiter for the fields in a record.

Record Delimiter

A string that describes the delimiter for the records in a data source file.

Ignore First Record

A checkmark that instructs the application to ignore the first record of a data source file. Select this option if the data source file contains headers.

Data Source Files

Source Dir

A string that describes the directory where the data source files are stored. Enter a directory value where the File Import program has read access to. This directory may differ per installation.

Processed Dir

A string that describes the directory the application will use to store processed data source files. Enter a directory value where the File Import program has read/write access to. This directory may differ per installation.

Database Connection

Database Type

A drop down that describes the database connection type. Supported database types are Oracle and Access.

Conn String

A string that describes the connection information needed to connect to the desired database.

Application

Wakeup time

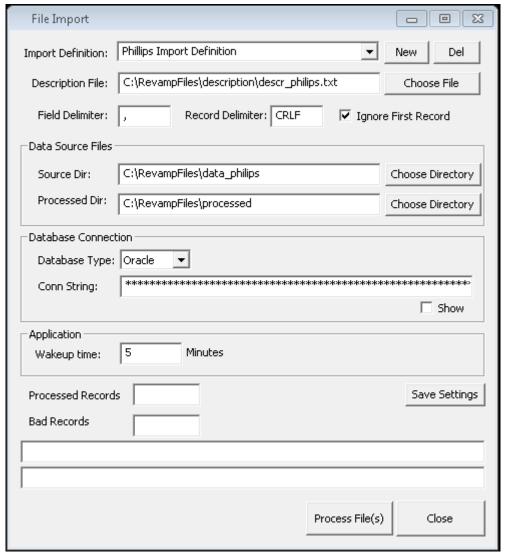A string that describes how many minutes the application should wait before checking for new data source files.

Figure 1: File Import Program

Create Service

Complete the following steps to create the service that will run the File Import program:
1. Open Command Prompt
2. Change the directory to the "Tools" folder of the Windows Resource Kit. The actual command required may differ from the example.
   a. cd "C:\Program Files (x86)\Windows Resource Kits\Tools"
3. Run the command to create the service. The actual command required may differ from the example.
   a. Instsrv.exe REVAMP "C:\Program Files (x86)\Windows Resource Kits\Tools\Srvany.exe"
4. Update the registry
   a. Create new key "Parameters"
      i. [HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\REVAMP\Parameters]
   b. Create new string values under the parameters key (these parameters should point to the directories the application was copied to)
      i. Application = C:\Program Files (x86)\Intellica\RevampFileImport\IFileImport.exe /SERVICEMODE
      ii. AppDirectory = C:\Program Files (x86)\Intellica\RevampFileImport

Create TNS Service Name

Create a TNS Service Name that connects to the database server for the File Import program.

Create ODBC Data Source

Create an ODBC data source that uses the TNS Service Name created in the previous section for the File Import program.