ATC Method 2 Development at ITC
RCET Software version 2.4.2.2 Pre-Test Report
June 5, 2006

Background

- On 5/4/06, the ITC began pre-test evaluation of v 2.4.2.1 of the RCET software, whose installation was complete on the Polaris server as of 5/3/06. This version resolves issues related to MIME-type problems affecting download of data from the server.

- On 5/8/06, Dr. Frouhar announced the release of version 2.4.2.2 with bug fixes based on RCET internal QA and NCIC response. ITC halted pre-test evaluation of version 2.4.2.1 and awaited installation of version 2.4.2.2.

- On 5/26/06, ITC received formal notification that RCET software (WebSys, Rapid Image Viewer Tool, WebSys Admin Tools) version 2.4.2.2 had been installed on the ITC POLARIS server and was ready for evaluation by ITC.

- On 5/31/06, the ITC began pre-test evaluation of v 2.4.2.2 of the RCET software. A previously-installed copy of the WebSys client software was removed from the desktop computer used for this evaluation, the system was rebooted, and a current version of the WebSys client was downloaded from the Polaris server and installed.

Installation of WebSys Client

A previously-installed copy of the WebSys client software was removed from the (Windows XP Pro) desktop computer used for this evaluation, the system was rebooted, and a current version of the WebSys client was downloaded from the Polaris server and installed successfully.

Minor installation issues noted in versions 2.4.1 and earlier of the WebSys client (lengthy delay in searching for previous versions) were not seen in this version

The WebSys client was also installed successfully on Windows 2000 desktop computer (after uninstalling a previous version of the software).

Preliminary Evaluation

A new protocol and user ID were created using the web-based administration tools. The user was assigned Study Director (SD) privileges for this test.

Three sets of DICOM (images and RT objects) were uploaded and downloaded from the Polaris server. No obvious problems were noted with downloaded files. However, detailed comparisons of uploaded and downloaded objects remain to be performed. Uploaded image files were reviewed using the Rapid Image Viewer to confirm their presence in the database. Uploaded images were shown as expected.

Three sets of RTOG Data Exchange files were uploaded to the Polaris server. This operation was apparently successful as the data were listed in the Electronic Folder under the Case ID used for the upload. **Attempts to download RTOG Data Exchange files from the server failed, however.** RTOG objects could be identified and selected in the Electronic Folder, but clicking on "Download Selected" had no effect. (No progress indication was evident and no data files were found on the client system.) Since RTOG objects are part of the ITC test suite, the ability to download of these objects is needed to permit testing of the WebSys client and server software.

Conclusion

Preliminary evaluation of the WebSys client, designated v. 2.4.2.2 by the ITC, (WebSys_2.4_Setup.exe, 7,021,266 bytes created January 04, 2006 12:50:46 PM, modified May 14, 2006 4:05:24 PM) was performed at ITC using the WebSys server configuration and database installed on the ITC POLARIS server as of 5/26/06. As indicated above, problems in downloading RTOG Data Exchange data remain in this version of the software and must be resolved before further testing at ITC can proceed.

Respectfully submitted,

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