

ATC Method 2 Implementation at ITC

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Walter R. Bosch, D.Sc.

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Method 2 software includes WebSys server, client, Rapid Image Viewer applet, WebSys server administration tool.

- 6/23/05 ITC reports test results to RCET for version 2.3 (presented at ATC meeting)
- 7/5/05 POLARIS server returned to UPDATE MODE for installation of version 2.4
- 8/24/05 Meeting (Bosch, Frouhar, Palta) at IHE-RO to finalize plans for version 2.4
- 9/7/05 Decision to expedite completion of version 2.4 (postpone support for PET) confirmed at ATC teleconference
- 10/7/05 Continuing problems in grayscale rendering of Rapid Image Viewer prompt the use of JPEG 2000 compression under MS .Net Framework 2.0
- 10/12/05 ITC installs MS Windows 2003 server on POLARIS to support .Net Framework 2.0. RCET notified that server is ready for installation of SQL Server, RCET software.
- 10/26/05 V. Frouhar begins installation of SQL Server, RCET software

Timeline for Testing ATC Method 2

(Excerpt of ATC Method 2 Development Timeline at ITC, 9/6/05, in ATC Steering Comm. Documents on <http://atc.wustl.edu> .)

Developmental Step		Dates
1	ATC Method 2 testing on ITC test server with WebSys v2.3	
a	RCET installed WebSys 2.3 server software on POLARIS and confirmed that compatible client software and Rapid Image Viewer applets were installed in UPDATE MODE.	4/20/05 – 5/19/05
b	RCET/ITC Teleconference to review updated software, POLARIS switched to TEST MODE	5/19/05
c	ITC evaluated design changes in database and perform usability/function checks on WebSys 2.3 user interface	5/19/05 – 5/26/05
d	ITC performed upload/download/comparison tests (including RRT import) using DICOM and RTOG test datasets	5/26/05 – 6/16/05
e	ITC tests Rapid Image Viewer applet	6/9/05 – 6/16/05
f	ITC tests administrative tools: Adding users, changing privileges, deleting cases, creating protocols	6/9/05 – 6/16/05
g	ITC reports findings in (c, d, e, f) above at ATC Meeting	6/23/05
2	RCET updates WebSys client/server, Rapid Image Viewer, and WebSys Administration Tools in response to ITC test report.	In progress as of 9/6/05
3	ATC Method 2 testing on ITC test server with WebSys v2.4	
a	RCET to install WebSys 2.4 server software on POLARIS and confirm that compatible client software and Rapid Image Viewer applets are installed in UPDATE MODE.	In progress as of 9/6/05
b	RCET/ITC Teleconference to review updated software, POLARIS switched to TEST MODE	TBD
c	ITC evaluates design changes in database and perform usability/function checks on WebSys 2.4 user interface	(TBD pending v2.4 installation, see Step 3a)
d	ITC performs upload/download/comparison tests (including RRT import) using DICOM and RTOG test datasets	(TBD pending v2.4 installation, see Step 3a)
e	ITC tests Rapid Image Viewer applet	(TBD pending v2.4 installation, see Step 3a)
f	ITC tests administrative tools: Adding users, changing privileges, deleting cases, creating protocols	(TBD pending v2.4 installation, see Step 3a)
g	ITC to report findings in (c, d, e, f) above at ATC Meeting	(TBD pending v2.4 installation, see Step 3a)
h	Repeat steps (3a) – (3g) above until a stable system (server/client/database/administrative tools) passes tests (3c) – (3f) above and is judged by both ITC and RCET to be ready for external testing. If not, RCET will evaluate test reports, correct problems found, and prepare a new version of the affected software components (step 2), and return to step (3a).	