
Integrating the Healthcare Enterprise

**IHE/MESA Test Tools Release
Notes**

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Revision 10.15.0
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1	Version 10.15.0: 5-Apr-2007.....	5
1.1	Open Bug Reports on MESA Flyspray System	5
1.2	Open Bug Reports on MESA Bugzilla System.....	6
1.3	Bugs Listed/Fixed on MESA Flyspray System.....	10
1.4	Other Updates.....	11
2	Version 10.14.0: 19-Mar-2007	11
2.1	Open Bug Reports on MESA Flyspray System	11
2.2	Open Bug Reports on MESA Bugzilla System.....	12
2.3	Bugs Listed/Fixed on MESA Flyspray System.....	17
2.4	Other Updates.....	17
3	Version 10.13.0: 5-Mar-2007	17
3.1	Open Bug Reports on MESA Flyspray System	17
3.2	Open Bug Reports on MESA Bugzilla System.....	18
3.3	Bugs Listed/Fixed on MESA Flyspray System.....	23
3.4	Bugs Listed/Fixed on MESA Bugzilla System	23
3.5	Other Updates.....	23
4	Version 10.12.0: 29-Jan-2007.....	23
4.1	Open Bug Reports on MESA Flyspray System	24
4.2	Open Bug Reports on MESA Bugzilla System.....	24
4.3	Bugs Listed/Fixed on MESA Flyspray System.....	28
4.4	Bugs Listed/Fixed on MESA Bugzilla System	29
4.5	Other Updates.....	29
5	Version 10.11.1: 7-Dec-2006	30
5.1	Open Bug Reports on MESA Flyspray System	30
5.2	Open Bug Reports on MESA Bugzilla System.....	31
5.3	Bugs Listed/Fixed on MESA Flyspray System.....	35
5.4	Bugs Listed/Fixed on MESA Bugzilla System	35
5.5	Other Updates.....	35
6	Version 10.11.0: 27-Nov-2006.....	35
6.1	Open Bug Reports on MESA Flyspray System	35
6.2	Open Bug Reports on MESA Bugzilla System.....	36
6.3	Bugs Listed/Fixed on MESA Flyspray System.....	40
6.4	Bugs Listed/Fixed on MESA Bugzilla System	40
6.5	Other Updates.....	41
7	Version 10.10.0: 20-Nov-2006.....	42
7.1	Open Bug Reports on MESA Flyspray System	42
7.2	Open Bug Reports on MESA Bugzilla System.....	42
7.3	Bugs Listed/Fixed on MESA Flyspray System.....	47
7.4	Bugs Listed/Fixed on MESA Bugzilla System	47
7.5	Other Updates.....	47
8	Version 10.9.0: 14-Nov-2006.....	47
8.1	Open Bug Reports on MESA Flyspray System	47
8.2	Open Bug Reports on MESA Bugzilla System.....	48
8.3	Bugs Listed/Fixed on MESA Flyspray System.....	52

8.4	Bugs Listed/Fixed on MESA Bugzilla System	52
8.5	Other Updates	52
9	Version 10.8.0: 9-Nov-2006	54
9.1	Open Bug Reports on MESA Flyspray System	54
9.2	Open Bug Reports on MESA Bugzilla System	55
9.3	Bugs Listed/Fixed on MESA Flyspray System	59
9.4	Bugs Listed/Fixed on MESA Bugzilla System	59
9.5	Other Updates	59
10	Version 10.7.0: 30-Oct-2006	60
10.1	Open Bug Reports on MESA Flyspray System	60
10.2	Open Bug Reports on MESA Bugzilla System	61
10.3	Bugs Listed/Fixed on MESA Flyspray System	65
10.4	Bugs Listed/Fixed on MESA Bugzilla System	65
10.5	Other Updates	65
11	Version 10.6.0: 24-Oct-2006	66
11.1	Open Bug Reports on MESA Flyspray System	66
11.2	Open Bug Reports on MESA Bugzilla System	67
11.3	Bugs Listed/Fixed on MESA Flyspray System	71
11.4	Bugs Listed/Fixed on MESA Bugzilla System	71
11.5	Other Updates	71
12	Version 10.5.0: 17-Oct-2006	72
12.1	Open Bug Reports on MESA Flyspray System	72
12.2	Open Bug Reports on MESA Bugzilla System	72
12.3	Bugs Listed/Fixed on MESA Flyspray System	76
12.4	Bugs Listed/Fixed on MESA Bugzilla System	77
12.5	Other Updates	77
13	Version 10.4.0: 2-Oct-2006	78
13.1	Open Bug Reports on MESA Flyspray System	78
13.2	Open Bug Reports on MESA Bugzilla System	78
13.3	Bugs Listed/Fixed on MESA Flyspray System	82
13.4	Bugs Listed/Fixed on MESA Bug System	82
13.5	Other Updates	82
14	Version 10.3.0: 25-Sep-2006	83
14.1	Open Bug Reports on MESA Bug System	83
14.2	Bugs Listed/Fixed on MESA Bug System	87
14.3	Other Updates	87
15	Version 10.2.0: 5-Sep-2006	87
15.1	Open Bug Reports on MESA Bug System	87
15.2	Bugs Listed/Fixed on MESA Bug System	91
15.3	Other Updates	92
16	Version 10.1.0: 25-Aug-2006	92
16.1	Open Bug Reports on MESA Bug System	92
16.2	Bugs Listed/Fixed on MESA Bug System	96
16.3	Other Updates	97
17	Version 10.0.0: 15-Aug-2006	98

17.1	Open Bug Reports on MESA Bug System.....	98
17.2	Bugs Listed/Fixed on MESA Bug System	102
17.3	Other Updates	102

1 Version 10.15.0: 5-Apr-2007

1.1 Open Bug Reports on MESA Flyspray System

Bug	Title
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24	Spatial Reg and BSPS objects missing attributes (Fusion profile)
26	add support for Hemodynamic Waveform Storage to MESA Img Server
29	images for mammo display test plan not included in distribution
30	10.4.0 Image Display Test 501 does work for system only support US
34	RAD Test 151: evaluation is not done correctly: Added note to Flyspray asking for data from submitter
40	Case 153: Grade for AIS(3) not correct
45	Image Mgr Test 111 script error
48	Tests 414 and 1701 show cmove failure even though move succeeded
50	IM Tests Document minor issues
55	MSH-9 length checking incorrect in a few tests
59	RAD: Identifiers in MESA Scheduling messages not synchronized with runtime creation
60	Mammo Image Changes
62	Eval script of IM test 134 fails to find IAN received by MESA_FILLER
63	IM test 1401 – no such test
64	IM test 1412 – internal script error
65	IM test 1411 – no such test
66	IM test 1414 – no such test
67	IM test 1421 – internal script error
68	IM test 1422 – internal script error
69	MESA_TARGET/bin/cfind_resp_evaluate relies on some order of C-FIND RSPs
70	RM test 1602 – no such test
71	RM test 1603 – missing Study Instance UID in reference GPWL Find RSP
77	Tls_server.exe pegs cpu to 100%
78	PID-7 length checking wrong in a few tests
79	PID-3 value check incorrect in some PD-Supplier tests
83	Eval script for test #3003 produces unwarranted errors
84	Evaluation script for 11143 failing
85	Test 11190 show allow for more event outcome values
86	Evaluate script for test case 1222 fails to generate HTML form of audit event
87	Mammo test 4052 image has wrong pixel padding
91	test 1221 & 1222 (11141 , 11142) - Asking submitter for clarification

92	test 20108 eval script missing
96	tls_server for test 1221 does not generate tls_server.txt file
100	MESA Post Processing tests broken
101	MESA Reporting Work tests broken
103	Modality test 2225 missing evaluation script
110	Order Filler test 132 is broken
111	Test 20710
112	Person Name issue in test 3512
113	Enhancement request for code version checking
114	Tight check for encoding of coding scheme designator
119	IM test 20106 – internal script error
125	PDQ Supplier, test 11311 broken (Sent question back to submitter)
126	send_hl7 goes infinite loop? (Sent question back to submitter)
128	TEST 20710
129	Test 283
135	Importer test 3725 – remove check for some attr.
136	Evaluation script for test 1223 does not support IETF format
138	PID segment not 2.3.1 conformant
140	Test Description 3725 Incorrect
141	Correction and Bug in 1412 Report Creator
143	All TCE tests (3001+3003) for all actors (expsel, expmgr, exprcr): script error
144	Test 103 – false error on PID-18 check
145	Document for ID Test 552 is missing
146	Order Filler Test 153 mixes up order codes
147	Importer Tests 3725, 3726, 3740, 3742 broken on XP
149	Evaluation for test 11320 and 11325 halts with error
150	Card TC 20108 Actor;OrdeFil script stops execution
152	Evalu script of SN test 1103: ATAN Audit: Actor Specific Audit Message fails

1.2 Open Bug Reports on MESA Bugzilla System

Bug	Title
9	The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release.
18	Removed 0028, 0120 attribute check on "For Processing" image.
21	MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.
33	Report creator test 1511 is incomplete

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

64, 65	Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.
67	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
68	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
71	Waiting for feedback from the person who issued the report.
72	User requested other transfer syntaxes for MESA servers.
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144	ITI test 10133 is not implemented. This will be addressed in a later release.
147	Display test 10143 is not implemented. This will be addressed in a later release.
153	Need some further help from the system performing the test.
157	NM Evidence Creator tests are not ready
160	Order Filler test 100 is deferred
164	No stress echo test data
170	Waiting for feedback from issuer
181	Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.
183	Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.
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198	Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

204	
205	Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.
207	
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212	Error when testing ADT A04 for ID Source
214	Modality test 1305 missing
215	PDC Test 11330 is not implemented
219	Need to implement Reliable Syslog. That will not happen until at least May 2005.
220	Needs to be removed or redefined. There is no ATNA event defined for System configuration.
221	Eric Poiseau cannot post bugs to bugzilla system
223	test spec for 10144 - RID/ECG
226	incorrect implementation of type handling RID 10142, 10144, 1
235	
242	Need to update Modality tests to not assume automated protocol handling
243	Accept field is ambiguous in TF. Need CP resolution to close this issue.
246	Need some additional feedback from the user.
298	Installation of RIS Mail
299	MESA test #281 DICOM servers need to support more SOP class
300	Note for next year – ED – CARD 1402 – 1404
306	Trouble with DVT 2.1 (test 283)
308	PID Segment is HL7 v2.4 and not v.2.3.1
310	Secure Node tests – 1221 etc. not responding to initial client
311	MESA Scripts need better logging when they have configuration
314	Order Filler evaluation for 132 flawed
315	MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo
316	cmove proposes Storage SOP Classes to Q/R SCP Service and re
323	NAV test 12903 - something wrong with using the scheme file?
324	NAV signature xml file can not be validated – 12903
326	xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05
328	Typos in Image Display Consistency tests VLUT_08, VLUT_P10
329	MESA test 103 , use different AE titles ?
330	Modality PGP Test 106 is flawed
331	MESA 8.8.3 , Test 111 not work's
333	Evaluation problem, but this may be a configuration issue at the user's site.
334	Schematron issue: need to resolve namespace issue
349	tls handshake error

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

350	eval_client_1222.pl uses last_log.txt instead of last_log.xml
351	test 1223 not ready for IETF schema
354	Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.
355	Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05
356	TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.
357	OF 111 Fails to send gpwl query to itself
358	Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
359	IETF Audit record schema is inconsistent
360	20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
361	CSR validation tool returns false negatives
362	XDS-MS validation tool reports false negatives
366	PD_SUPPLIER TC 11365 appears to hang
367	Problems with the hl7_rcvr
369	Connectathon test issue - CARD- DRPT test case
371	Problem with ACKA28
372	Image manager test 111 is blocked and there no eval
373	Runtime scripts should test to make sure database is running
378	Evaluation ADT 103: MESA expectation for PV1 data in A08 is likely flawed. Need resolution from the Radiology Technical Committee.
379	Problem with radiology test 107 Referred questions back to the submitter.
381	Test 131 PID-7 check too restrictive
382	Tests 103: PID-10 is R2 in ADT messages
383	mesa_xml.pm problems Our JAVA runtime environment and documentation need repair.
384	testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previos release.
385	Img Mgr Test 411: Time format check too restrictive
388	2 byte char test, and other funky characters (Japanese characters are tested; we do need to add tests for European names).
390	imgmgr/134/eval_134.pl prompts "MESA IAN directory does not
391	Media Creator Tests fails under Linux/Unix with pure ISO9660
393	Tests 103, 107, 20106: ERR: MSH 4 Sending Facility, test val
394	Test 20106: ERR: MSH 5 Receiving Application, test value doe
395	Test 103, 107, 20106: MSH 6 Receiving Facility, test value d

396	Tests 103, 20106: ERR: PID 5 Patient Name, test value does n
397	Test 20106: ERR: OBR 4 Universal Service ID, test value doe
398	Tests 20101, 20102, 20106 (and maybe others): DSS_MESA vs. E
402	Test 20101: [RAD-4] is expected too late. Referred back to issuer for clarification.
404	Tests 103, 20106: ERR: PID 3 Patient ID, test value does not
405	Test 103: PID-18, Fields do not match
408	MESA Test 2031- there are no ecg documents
409	Error in evaluation of test 604 Referred back to submitter for more details.
410	NMI Profile, Acq. Modality Actor, test 283, STATIC Image, D Asked submitter to log bug at www.dvtk.org
411	NMI Profile, Acq. Modality Actor, test 283, TOMO Image, DVT Asked submitter to log bug at www.dvtk.org
412	NMI Profile, Acq. Modality Actor, test 283, GATED TOMO Imag Asked submitter to log bug at www.dvtk.org
413	NMI Profile, Acq.Modality Actor,Tests 2202-2203 - no script
414	NMI Profile, Acq.Modality Actor,Tests 2210-2217 - No script
416	The evaluation script of the 11143 (ATNA certificate exchange
418	Empty WLM query requires as result a date somewhere in the p Asked submitter for further clarification.
419	PDQ 13311 - Inconsistency between test and evaluation Probably a MESA runtime error; not an evaluation error
420	Eval script for test case 20520 / No URL in grade_20520.txt Sent request to submitter for followup information
421	Wrong interpretation of empty name fields in DICOM messages Asked for followup data from the submitter;
422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

1.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution
81	OF Test 153 eval script: Entered by Person
88	Test 1222 eval script bug.

	Repaired documentation
89	Test 1222 eval script – missing Xalan – con't product html output Added explicit path to jar files Fixed the reference from last_log.txt to last_log.xml
133	PCC 40003 wrong patientID root OID
136	Evaluation script for test 1223 does not support IETF format; Made this similar to test 1222. Both of these should be deprecated and replaced with a schematron test that is more specific to the task.
151	Eval script of SN Audit Recor tests 118* fails if Syslog header contains non-empty TAG field
153	MESA software distribution page carries outdated versions of XDS-I software

1.4 Other Updates

1. Added test 251 for Importer (Radiology TCE profile). Documentation and test scripts were missing.

2 Version 10.14.0: 19-Mar-2007

2.1 Open Bug Reports on MESA Flyspray System

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86	Evaluate script for test case 1222 fails to generate HTML form of audit event
87	Mammo test 4052 image has wrong pixel padding
88	Test 1222 eval script bug
89	Test 1222 eval script – missing xalan – can't produce html output
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391	Media Creator Tests fails under Linux/Unix with pure ISO9660

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394	Test 20106: ERR: MSH 5 Receiving Application, test value doe
395	Test 103, 107, 20106: MSH 6 Receiving Facility, test value d
396	Tests 103, 20106: ERR: PID 5 Patient Name, test value does n
397	Test 20106: ERR: OBR 4 Universal Service ID, test value doe
398	Tests 20101, 20102, 20106 (and maybe others): DSS_MESA vs. E
402	Test 20101: [RAD-4] is expected too late. Referred back to issuer for clarification.
404	Tests 103, 20106: ERR: PID 3 Patient ID, test value does not
405	Test 103: PID-18, Fields do not match
408	MESA Test 2031- there are no ecg documents
409	Error in evaluation of test 604 Referred back to submitter for more details.
410	NMI Profile, Acq. Modality Actor, test 283, STATIC Image, D Asked submitter to log bug at www.dvtk.org
411	NMI Profile, Acq. Modality Actor, test 283, TOMO Image, DVT Asked submitter to log bug at www.dvtk.org
412	NMI Profile, Acq. Modality Actor, test 283, GATED TOMO Imag Asked submitter to log bug at www.dvtk.org
413	NMI Profile, Acq.Modality Actor,Tests 2202-2203 - no script
414	NMI Profile, Acq.Modality Actor,Tests 2210-2217 - No script
416	The evaluation script of the 11143 (ATNA certificate exchange
418	Empty WLM query requires as result a date somewhere in the p Asked submitter for further clarification.
419	PDQ 13311 - Inconsistency between test and evaluation Probably a MESA runtime error; not an evaluation error
420	Eval script for test case 20520 / No URL in grade_20520.txt Sent request to submitter for followup information
421	Wrong interpretation of empty name fields in DICOM messages Asked for followup data from the submitter;
422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

2.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution
105	ATNA ARR Test 11125: equal PID, but different Patient Names Patient names made consistent
78	PID-7 length checking wrong in a few tests Repaired with 127
127	PDQ Supplier, bugs o test 11350 evaluation Fixed MESA to track identifier type and to increase the length of the allowed value for DOB in query responses.
102	11315 test fails but is valid request 1. The string describing the query type was changed in the TF (so the change in test was correct) 2. Modified the test software to better evaluate MSH 9
81	OF Test 153 eval script: Entered by Person Removed the evaluation for that field; SCH 20 is optional

2.4 Other Updates

1. This release requires you to drop and rebuild your database tables. Changed the patient tables to include the identifier type. This procedure is documented in the Installation Guide.

3 Version 10.13.0: 5-Mar-2007

3.1 Open Bug Reports on MESA Flyspray System

Bug	Title
20	MESA tools installation improvements
24	Spatial Reg and BSPS objects missing attributes (Fusion profile)
26	add support for Hemodynamic Waveform Storage to MESA Img Server
29	images for mammo display test plan not included in distribution
30	10.4.0 Image Display Test 501 does work for system only support US
34	RAD Test 151: evaluation is not done correctly: Added note to Flyspray asking for data from submitter
40	Case 153: Grade for AIS(3) not correct
45	Image Mgr Test 111 script error
48	Tests 414 and 1701 show cmove failure even though move succeeded
50	IM Tests Document minor issues
55	MSH-9 length checking incorrect in a few tests

59	RAD: Identifiers in MESA Scheduling messages not synchronirzed with runtime creation
60	Mammo Image Changes
62	Eval script of IM test 134 fails to find IAN received by MESA_FILLER
63	IM test 1401 – no such test
64	IM test 1412 – internal script error
65	IM test 1411 – no such test
66	IM test 1414 – no such test
67	IM test 1421 – internal script error
68	IM test 1422 – internal script error
69	MESA_TARGET/bin/cfind_resp_evaluate relies on some order of C-FIND RSPs
70	RM test 1602 – no such test
71	RM test 1603 – missing Study Instance UID in reference GPWL Find RSP
77	Tls_server.exe pegs cpu to 100%
78	PID-7 length checking wrong in a few tests
79	PID-3 value check incorrect in some PD-Supplier tests
81	OF Test 153 eval script: Entered by Person
83	Eval script for test #3003 produces unwarranted errors
84	Evaluation script for 11143 failing
85	Test 11190 show allow for more event outcome values
86	Evalue script for test case 1222 failts to generate HTML form of audit event
87	Mammo test 4052 image has wrong pixel padding
88	Test 1222 eval script bug
89	Test 1222 eval script – missing xalan – can’t produce html output
91	test 1221 & 1222 (11141 , 11142) - Asking submitter for clarification
92	test 20108 eval script missing
96	tls_server for test 1221 does not generate tls_server.txt file
100	MESA Post Processing tests broken
101	MESA Reporting Work tests broken
103	Modality test 2225 missing evaluation script
110	Order Filler test 132 is broken
111	Test 20710
112	Person Name issue in test 3512
113	Enhancement request for code version checking
114	Tight check for encoding of coding scheme designator
119	IM test 20106 – internal script error

3.2 Open Bug Reports on MESA Bugzilla System

Bug	Title
9	The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

	updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release.
18	Removed 0028, 0120 attribute check on "For Processing" image.
21	MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.
33	Report creator test 1511 is incomplete
64, 65	Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.
67	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
68	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
71	Waiting for feedback from the person who issued the report.
72	User requested other transfer syntaxes for MESA servers.
99	
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144	ITI test 10133 is not implemented. This will be addressed in a later release.
147	Display test 10143 is not implemented. This will be addressed in a later release.
153	Need some further help from the system performing the test.
157	NM Evidence Creator tests are not ready
160	Order Filler test 100 is deferred
164	No stress echo test data
170	Waiting for feedback from issuer
181	Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.
183	Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.
190	
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

198	Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.
199	
201	
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205	Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.
207	
208	
212	Error when testing ADT A04 for ID Source
214	Modality test 1305 missing
215	PDC Test 11330 is not implemented
219	Need to implement Reliable Syslog. That will not happen until at least May 2005.
220	Needs to be removed or redefined. There is no ATNA event defined for System configuration.
221	Eric Poiseau cannot post bugs to bugzilla system
223	test spec for 10144 - RID/ECG
226	incorrect implementation of type handling RID 10142, 10144, 1
235	
242	Need to update Modality tests to not assume automated protocol handling
243	Accept field is ambiguous in TF. Need CP resolution to close this issue.
246	Need some additional feedback from the user.
298	Installation of RIS Mail
299	MESA test #281 DICOM servers need to support more SOP class
300	Note for next year – ED – CARD 1402 – 1404
306	Trouble with DVT 2.1 (test 283)
308	PID Segment is HL7 v2.4 and not v.2.3.1
310	Secure Node tests – 1221 etc. not responding to initial client
311	MESA Scripts need better logging when they have configuration
314	Order Filler evaluation for 132 flawed
315	MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo
316	cmove proposes Storage SOP Classes to Q/R SCP Service and re
323	NAV test 12903 - something wrong with using the scheme file?
324	NAV signature xml file can not be validated – 12903
326	xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05
328	Typos in Image Display Consistency tests VLUT_08, VLUT_P10
329	MESA test 103 , use different AE titles ?
330	Modality PGP Test 106 is flawed

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

331	MESA 8.8.3 , Test 111 not work's
333	Evaluation problem, but this may be a configuration issue at the user's site.
334	Schematron issue: need to resolve namespace issue
349	tls handshake error
350	eval_client_1222.pl uses last_log.txt instead of last_log.xml
351	test 1223 not ready for IETF schema
354	Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.
355	Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05
356	TAG is not respected by the syslog server - test 11101;need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.
357	OF 111 Fails to send gpwl query to itself
358	Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
359	IETF Audit record schema is inconsistent
360	20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
361	CSR validation tool returns false negatives
362	XDS-MS validation tool reports false negatives
366	PD_SUPPLIER TC 11365 appears to hang
367	Problems with the hl7_rcvr
369	Connectathon test issue - CARD- DRPT test case
371	Problem with ACKA28
372	Image manager test 111 is blocked and there no eval
373	Runtime scripts should test to make sure database is running
378	Evaluation ADT 103: MESA expectation for PV1 data in A08 is likely flawed. Need resolution from the Radiology Technical Committee.
379	Problem with radiology test 107 Referred questions back to the submitter.
381	Test 131 PID-7 check too restrictive
382	Tests 103: PID-10 is R2 in ADT messages
383	mesa_xml.pm problems Our JAVA runtime environment and documentation need repair.
384	testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previos release.
385	Img Mgr Test 411: Time format check too restrictive
388	2 byte char test, and other funky characters (Japanese characters are tested; we do need to add tests for European names).
390	imgmgr/134/eval_134.pl prompts "MESA IAN directory does not

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

391	Media Creator Tests fails under Linux/Unix with pure ISO9660
393	Tests 103, 107, 20106: ERR: MSH 4 Sending Facility, test val
394	Test 20106: ERR: MSH 5 Receiving Application, test value doe
395	Test 103, 107, 20106: MSH 6 Receiving Facility, test value d
396	Tests 103, 20106: ERR: PID 5 Patient Name, test value does n
397	Test 20106: ERR: OBR 4 Universal Service ID, test value doe
398	Tests 20101, 20102, 20106 (and maybe others): DSS_MESA vs. E
402	Test 20101: [RAD-4] is expected too late. Referred back to issuer for clarification.
404	Tests 103, 20106: ERR: PID 3 Patient ID, test value does not
405	Test 103: PID-18, Fields do not match
408	MESA Test 2031- there are no ecg documents
409	Error in evaluation of test 604 Referred back to submitter for more details.
410	NMI Profile, Acq. Modality Actor, test 283, STATIC Image, D Asked submitter to log bug at www.dvtk.org
411	NMI Profile, Acq. Modality Actor, test 283, TOMO Image, DVT Asked submitter to log bug at www.dvtk.org
412	NMI Profile, Acq. Modality Actor, test 283, GATED TOMO Imag Asked submitter to log bug at www.dvtk.org
413	NMI Profile, Acq.Modality Actor,Tests 2202-2203 - no script
414	NMI Profile, Acq.Modality Actor,Tests 2210-2217 - No script
416	The evaluation script of the 11143 (ATNA certificate exchange
418	Empty WLM query requires as result a date somewhere in the p Asked submitter for further clarification.
419	PDQ 13311 - Inconsistency between test and evaluation Probably a MESA runtime error; not an evaluation error
420	Eval script for test case 20520 / No URL in grade_20520.txt Sent request to submitter for followup information
421	Wrong interpretation of empty name fields in DICOM messages Asked for followup data from the submitter;
422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

3.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution
90	Test 11180 – java class errors
106	Test 40104: OIDs for templateID for Allergy History and Hospital Discharge Medications sections
115	Imgmgr test 109: Exception Management does not perform as described Changed scripts to send MPPS ABANDONED with proper coded reason and to C-Store images.
120	IM test 3512: directory /opt/mesa/storage/imgmgr/commit/WORKSTATION1 not found Repaired scripts/imgmgr_transactions.pm
121	IM test 3540: directory /opt/mesa/stormage/imgmgr/commit/WORKSTATION1 not found Repairs scripts/imgmgr_transactions.pm
122	MSH-7 missing in 10506.108.a08.hl7 Missing value in a template file was repaired.
123	Affected SOP Class and Instance UIDs not being returned in response to successful N-Create (OF:131) MESA software is within DICOM specifications. MESA software was not changed. Issue referred back to submitter.

3.4 Bugs Listed/Fixed on MESA Bugzilla System

Bug	Resolution

3.5 Other Updates

2. Modified send_hl7 application to more gracefully exit when the peer system closes the socket prematurely. Previously, our send_hl7 application would just hang if the peer server closed the socket before the transaction was complete.
3. Modified MESA Patient Demographics Supplier server in PDQ profile to pay more attention to the value in the Continuation Pointer and to log errors and exit if the client application submits bad data.

4 Version 10.12.0: 29-Jan-2007

Version 10.12.0 is a release with updated documentation and modified test numbers. The behavior of existing “script based tests” did not change from the previous release.

4.1 Open Bug Reports on MESA Flyspray System

Bug	Title
20	MESA tools installation improvements
24	Spatial Reg and BSPS objects missing attributes (Fusion profile)
26	add support for Hemodynamic Waveform Storage to MESA Img Server
29	images for mammo display test plan not included in distribution
30	10.4.0 Image Display Test 501 does work for system only support US
34	RAD Test 151: evaluation is not done correctly: Added note to Flyspray asking for data from submitter
40	Case 153: Grade for AIS(3) not correct
45	Image Mgr Test 111 script error
48	Tests 414 and 1701 show cmove failure even though move succeeded
50	IM Tests Document minor issues
55	MSH-9 length checking incorrect in a few tests
59	RAD: Identifiers in MESA Scheduling messages not synchronizred with runtime creation
60	Mammo Image Changes
62	Eval script of IM test 134 fails to find IAN received by MESA_FILLER
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65	IM test 1411 – no such test
66	IM test 1414 – no such test
67	IM test 1421 – internal script error
68	IM test 1422 – internal script error
69	MESA_TARGET/bin/cfind_resp_evaluate relies on some order of C-FIND RSPs
70	RM test 1602 – no such test
71	RM test 1603 – missing Study Instance UID in reference GPWL Find RSP
91	test 1221 & 1222 (11141 , 11142) - Asking submitter for clarification
92	test 20108 eval script missing
96	tls_server for test 1221 does not generate tls_server.txt file

4.2 Open Bug Reports on MESA Bugzilla System

Bug	Title
9	The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release.
18	Removed 0028, 0120 attribute check on "For Processing" image.
21	MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.
33	Report creator test 1511 is incomplete
64, 65	Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

67	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
68	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
71	Waiting for feedback from the person who issued the report.
72	User requested other transfer syntaxes for MESA servers.
99	
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144	ITI test 10133 is not implemented. This will be addressed in a later release.
147	Display test 10143 is not implemented. This will be addressed in a later release.
153	Need some further help from the system performing the test.
157	NM Evidence Creator tests are not ready
160	Order Filler test 100 is deferred
164	No stress echo test data
170	Waiting for feedback from issuer
181	Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.
183	Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

205	Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.
207	
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212	Error when testing ADT A04 for ID Source
214	Modality test 1305 missing
215	PDC Test 11330 is not implemented
219	Need to implement Reliable Syslog. That will not happen until at least May 2005.
220	Needs to be removed or redefined. There is no ATNA event defined for System configuration.
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223	test spec for 10144 - RID/ECG
226	incorrect implementation of type handling RID 10142, 10144, 1
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242	Need to update Modality tests to not assume automated protocol handling
243	Accept field is ambiguous in TF. Need CP resolution to close this issue.
246	Need some additional feedback from the user.
298	Installation of RIS Mail
299	MESA test #281 DICOM servers need to support more SOP class
300	Note for next year – ED – CARD 1402 – 1404
306	Trouble with DVT 2.1 (test 283)
308	PID Segment is HL7 v2.4 and not v.2.3.1
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323	NAV test 12903 - something wrong with using the scheme file?
324	NAV signature xml file can not be validated – 12903
326	xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05
328	Typos in Image Display Consistency tests VLUT_08, VLUT_P10
329	MESA test 103 , use different AE titles ?
330	Modality PGP Test 106 is flawed
331	MESA 8.8.3 , Test 111 not work's
333	Evaluation problem, but this may be a configuration issue at the user's site.
334	Schematron issue: need to resolve namespace issue
349	tls handshake error

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

350	eval_client_1222.pl uses last_log.txt instead of last_log.xml
351	test 1223 not ready for IETF schema
354	Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.
355	Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05
356	TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.
357	OF 111 Fails to send gpwl query to itself
358	Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
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360	20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
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366	PD_SUPPLIER TC 11365 appears to hang
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371	Problem with ACKA28
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381	Test 131 PID-7 check too restrictive
382	Tests 103: PID-10 is R2 in ADT messages
383	mesa_xml.pm problems Our JAVA runtime environment and documentation need repair.
384	testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previos release.
385	Img Mgr Test 411: Time format check too restrictive
388	2 byte char test, and other funky characters (Japanese characters are tested; we do need to add tests for European names).
390	imgmgr/134/eval_134.pl prompts "MESA IAN directory does not
391	Media Creator Tests fails under Linux/Unix with pure ISO9660
393	Tests 103, 107, 20106: ERR: MSH 4 Sending Facility, test val
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396	Tests 103, 20106: ERR: PID 5 Patient Name, test value does n
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398	Tests 20101, 20102, 20106 (and maybe others): DSS_MESA vs. E
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408	MESA Test 2031- there are no ecg documents
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422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

4.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution

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4.4 Bugs Listed/Fixed on MESA Bugzilla System

Bug	Resolution

4.5 Other Updates

4. Modified these tests for actors that need to submit samples. We are changing the test for the systems to submit the samples on a Wiki:
 - a. Modality: 108
 - b. Modality: 281
 - c. Modality: 282
 - d. Modality: 3916
 - e. Content Creator: 14101
 - f. Content Creator: 40151
 - g. Content Creator: 40152
 - h. Content Creator: 40153
 - i. Content Creator: 40154
 - j. Content Creator: 40155
 - k. Content Creator: 40156
 - l. Content Creator: 40157
 - m. Content Creator: 40158
 5. Renumbered Content Consumer tests to match the Content Creator test numbers. This makes it easier to follow when a Content Creator submits a sample (test 14101) and the Content Consumer reviews the sample (same test, 14101).
 - n. 14101
 - o. 40151
 - p. 40152
 - q. 40153
 - r. 40154
-

- s. 40155
- t. 40156
- u. 40157
- v. 40158

5 Version 10.11.1: 7-Dec-2006

5.1 Open Bug Reports on MESA Flyspray System

Bug	Title
20	MESA tools installation improvements
24	Spatial Reg and BSPS objects missing attributes (Fusion profile)
26	add support for Hemodynamic Waveform Storage to MESA Img Server
29	images for mammo display test plan not included in distribution
30	10.4.0 Image Display Test 501 does work for system only support US
34	RAD Test 151: evaluation is not done correctly: Added note to Flyspray asking for data from submitter
40	Case 153: Grade for AIS(3) not correct
45	Image Mgr Test 111 script error
48	Tests 414 and 1701 show cmove failure even though move succeeded
50	IM Tests Document minor issues
55	MSH-9 length checking incorrect in a few tests
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60	Mammo Image Changes
62	Eval script of IM test 134 fails to find IAN received by MESA_FILLER
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91	test 1221 & 1222 (11141 , 11142) - Asking submitter for clarification
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96	tls_server for test 1221 does not generate tls_server.txt file

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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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356	TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.
357	OF 111 Fails to send gpwl query to itself
358	Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
359	IETF Audit record schema is inconsistent
360	20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
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381	Test 131 PID-7 check too restrictive
382	Tests 103: PID-10 is R2 in ADT messages
383	mesa_xml.pm problems Our JAVA runtime environment and documentation need repair.
384	testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previos release.

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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402	Test 20101: [RAD-4] is expected too late. Referred back to issuer for clarification.
404	Tests 103, 20106: ERR: PID 3 Patient ID, test value does not
405	Test 103: PID-18, Fields do not match
408	MESA Test 2031- there are no ecg documents
409	Error in evaluation of test 604 Referred back to submitter for more details.
410	NMI Profile, Acq. Modality Actor, test 283, STATIC Image, D Asked submitter to log bug at www.dvtk.org
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420	Eval script for test case 20520 / No URL in grade_20520.txt Sent request to submitter for followup information
421	Wrong interpretation of empty name fields in DICOM messages Asked for followup data from the submitter;
422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error

426	Report Creator Test 1601: Internal failure
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5.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution
85	Test 11190 should allow for more event outcome values - Updated the schematron test
93	Test 11104 has a schema error in its eval script - User determined his problem and not MESA

5.4 Bugs Listed/Fixed on MESA Bugzilla System

Bug	Resolution

5.5 Other Updates

6. Modified these Content Consumer tests
 - w. 14121: Repaired the sample distributed with MESA software.

6 Version 10.11.0: 27-Nov-2006

6.1 Open Bug Reports on MESA Flyspray System

Bug	Title
20	MESA tools installation improvements
24	Spatial Reg and BSPS objects missing attributes (Fusion profile)
26	add support for Hemodynamic Waveform Storage to MESA Img Server
29	images for mammo display test plan not included in distribution
30	10.4.0 Image Display Test 501 does work for system only support US
34	RAD Test 151: evaluation is not done correctly: Added note to Flyspray asking for data from submitter

40	Case 153: Grade for AIS(3) not correct
45	Image Mgr Test 111 script error
48	Tests 414 and 1701 show cmove failure even though move succeeded
50	IM Tests Document minor issues
55	MSH-9 length checking incorrect in a few tests
59	RAD: Identifiers in MESA Scheduling messages not synchronized with runtime creation
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62	Eval script of IM test 134 fails to find IAN received by MESA_FILLER
63	IM test 1401 – no such test
64	IM test 1412 – internal script error
65	IM test 1411 – no such test
66	IM test 1414 – no such test
67	IM test 1421 – internal script error
68	IM test 1422 – internal script error
69	MESA_TARGET/bin/cfind_resp_evaluate relies on some order of C-FIND RSPs
70	RM test 1602 – no such test
71	RM test 1603 – missing Study Instance UID in reference GPWL Find RSP
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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6.3 Bugs Listed/Fixed on MESA Flyspray System

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93	Test 11104 has a schema error in its eval script - User determined his problem and not MESA

6.4 Bugs Listed/Fixed on MESA Bugzilla System

Bug	Resolution

6.5 Other Updates

1. Updated documentation for these actors:
 - x. Patient Demographics Consumer (PDQ Tests).
 - y. Patient Demographics Supplier (PDQ tests)
 - z. Patient Identifier Cross Reference Consumer: Converted from Word/PDF format to HTML.
 - aa. Patient Identifier Cross Reference Manager (typos)
 - bb. Patient ID Source (typos)
 - cc. Content Creator (tests 40003, 40004)
 - dd. Patient Demographics Supplier (removed a duplicate file that was confusing)
 - ee. Portable Media Importer: added NIST XDM test 11965
 - ff. Media Creator: added NIST XDM test 11962
 2. Modified these PD Supplier tests:
 - gg. 11311, 11312, 11315, 11320, 11325, 11335: Changed QPD1 to “IHE PDQ Query” to follow CP 170.
 - hh. 11315: Allowed more responses in the output for the wildcard match. Different algorithms may match more patient records than we had anticipated.
 - ii. 11350: Implemented the test that includes two query keys. This was not implemented before this release.
 3. Modified these PD Consumer tests:
 - jj. 11311, 11315, 11320, 11325, 11335, 11365: Changed test per CP 170 to require “IHE PDQ Query” in QPD-1.
 - kk. 11311, 11315, 11320, 11325, 11335, 11365: Minor format changes in output.
 - ll. 11350: Implemented the test that includes two query keys. This was not implemented before this release.
 4. Modified these Content Creator tests:
 - mm. 40101: Modified schematron file - TRANSPORT MODE is a sub section of TREATMENT CARE PLAN
 - nn. 40105: Modified schematron file
 5. Modified hl7_get_value to better handle missing segments. In previous versions, the program did not properly detect a missing segment and returned a string from a random segment in the message. This shows up in multiple evaluation scripts.
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6. Modified hl7_rcvr in Patient Demographic Supplier mode to understand DOB as a query key. The prior version used only Patient Name and Patient ID as query keys. This was to implement further PDQ tests.

7 Version 10.10.0: 20-Nov-2006

7.1 Open Bug Reports on MESA Flyspray System

Bug	Title
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24	Spatial Reg and BSPS objects missing attributes (Fusion profile)
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

	documentation in a future release.
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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382	Tests 103: PID-10 is R2 in ADT messages
383	mesa_xml.pm problems Our JAVA runtime environment and documentation need repair.
384	testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previos release.
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388	2 byte char test, and other funky characters (Japanese characters are tested; we do need to add tests for European names).
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

391	Media Creator Tests fails under Linux/Unix with pure ISO9660
393	Tests 103, 107, 20106: ERR: MSH 4 Sending Facility, test val
394	Test 20106: ERR: MSH 5 Receiving Application, test value doe
395	Test 103, 107, 20106: MSH 6 Receiving Facility, test value d
396	Tests 103, 20106: ERR: PID 5 Patient Name, test value does n
397	Test 20106: ERR: OBR 4 Universal Service ID, test value doe
398	Tests 20101, 20102, 20106 (and maybe others): DSS_MESA vs. E
402	Test 20101: [RAD-4] is expected too late. Referred back to issuer for clarification.
404	Tests 103, 20106: ERR: PID 3 Patient ID, test value does not
405	Test 103: PID-18, Fields do not match
408	MESA Test 2031- there are no ecg documents
409	Error in evaluation of test 604 Referred back to submitter for more details.
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419	PDQ 13311 - Inconsistency between test and evaluation Probably a MESA runtime error; not an evaluation error
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421	Wrong interpretation of empty name fields in DICOM messages Asked for followup data from the submitter;
422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
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7.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution

7.4 Bugs Listed/Fixed on MESA Bugzilla System

Bug	Resolution

7.5 Other Updates

1. PCC directory was omitted from mesa_tests. This is now included. You were unable to run the PCC Content Creator tests.
2. Updated documentation for these actors:
 - a. Content Creator: More detail in the expectations for some of the tests
 - b. PD Supplier: corrected a path in the instructions

8 Version 10.9.0: 14-Nov-2006

8.1 Open Bug Reports on MESA Flyspray System

Bug	Title
20	MESA tools installation improvements
24	Spatial Reg and BSPS objects missing attributes (Fusion profile)
26	add support for Hemodynamic Waveform Storage to MESA Img Server
29	images for mammo display test plan not included in distribution
30	10.4.0 Image Display Test 501 does work for system only support US
34	RAD Test 151: evaluation is not done correctly: Added note to Flyspray asking for data from submitter
40	Case 153: Grade for AIS(3) not correct
45	Image Mgr Test 111 script error
48	Tests 414 and 1701 show cmove failure even though move succeeded
50	IM Tests Document minor issues
55	MSH-9 length checking incorrect in a few tests
59	RAD: Identifiers in MESA Scheduling messages not synchronized with runtime creation
60	Mammo Image Changes

62	Eval script of IM test 134 fails to find IAN received by MESA_FILLER
63	IM test 1401 – no such test
64	IM test 1412 – internal script error
65	IM test 1411 – no such test
66	IM test 1414 – no such test
67	IM test 1421 – internal script error
68	IM test 1422 – internal script error
69	MESA_TARGET/bin/cfind_resp_evaluate relies on some order of C-FIND RSPs
70	RM test 1602 – no such test
71	RM test 1603 – missing Study Instance UID in reference GPWL Find RSP

8.2 Open Bug Reports on MESA Bugzilla System

Bug	Title
9	The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release.
18	Removed 0028, 0120 attribute check on "For Processing" image.
21	MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.
33	Report creator test 1511 is incomplete
64, 65	Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.
67	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
68	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
71	Waiting for feedback from the person who issued the report.
72	User requested other transfer syntaxes for MESA servers.
99	
102	
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144	ITI test 10133 is not implemented. This will be addressed in a later release.

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

147	Display test 10143 is not implemented. This will be addressed in a later release.
153	Need some further help from the system performing the test.
157	NM Evidence Creator tests are not ready
160	Order Filler test 100 is deferred
164	No stress echo test data
170	Waiting for feedback from issuer
181	Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.
183	Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.
190	
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198	Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.
199	
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205	Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.
207	
208	
212	Error when testing ADT A04 for ID Source
214	Modality test 1305 missing
215	PDC Test 11330 is not implemented
219	Need to implement Reliable Syslog. That will not happen until at least May 2005.
220	Needs to be removed or redefined. There is no ATNA event defined for System configuration.
221	Eric Poiseau cannot post bugs to bugzilla system
223	test spec for 10144 - RID/ECG
226	incorrect implementation of type handling RID 10142, 10144, 1
235	
242	Need to update Modality tests to not assume automated protocol handling
243	Accept field is ambiguous in TF. Need CP resolution to close this issue.
246	Need some additional feedback from the user.
298	Installation of RIS Mail
299	MESA test #281 DICOM servers need to support more SOP class
300	Note for next year – ED – CARD 1402 – 1404

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

306	Trouble with DVT 2.1 (test 283)
308	PID Segment is HL7 v2.4 and not v.2.3.1
310	Secure Node tests – 1221 etc. not responding to initial client
311	MESA Scripts need better logging when they have configuration
314	Order Filler evaluation for 132 flawed
315	MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo
316	cmove proposes Storage SOP Classes to Q/R SCP Service and re
323	NAV test 12903 - something wrong with using the scheme file?
324	NAV signature xml file can not be validated – 12903
326	xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05
328	Typos in Image Display Consistency tests VLUT_08, VLUT_P10
329	MESA test 103 , use different AE titles ?
330	Modality PGP Test 106 is flawed
331	MESA 8.8.3 , Test 111 not work's
333	Evaluation problem, but this may be a configuration issue at the user's site.
334	Schematron issue: need to resolve namespace issue
349	tls handshake error
350	eval_client_1222.pl uses last_log.txt instead of last_log.xml
351	test 1223 not ready for IETF schema
354	Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.
355	Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05
356	TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.
357	OF 111 Fails to send gpwl query to itself
358	Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

371	Problem with ACKA28
372	Image manager test 111 is blocked and there no eval
373	Runtime scripts should test to make sure database is running
378	Evaluation ADT 103: MESA expectation for PV1 data in A08 is likely flawed. Need resolution from the Radiology Technical Committee.
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421	Wrong interpretation of empty name fields in DICOM messages Asked for followup data from the submitter;
422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
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8.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution
74	Eval scripts missing for SN test 11183+, 1119x, and 112xx

8.4 Bugs Listed/Fixed on MESA Bugzilla System

Bug	Resolution

8.5 Other Updates

3. Corrected a typo in ATNA Secure Node test 11185; we were checking for an incorrect coded value.
 4. Updated Installation Guides as follows:
 - a. Made an entry for the JAVA_HOME runtime variable that we use
 - b. Added installation instructions for ImageMagick (used by NMI tests only)
 5. Updated documentation for these actors:
 - a. Acquisition Modality
-

- b. Evidence Creator
 - 6. Added documentation for these actors:
 - a. PHR Manager
 - b. PHR Reviewer
 - 7. Updated these tests for the Content Creator actor:
 - a. 40100
 - b. 40101
 - c. 40102
 - d. 40103
 - e. 40104
 - f. 40105
 - 8. Updated/created these tests for Acquisition Modality (NMI profile):
 - a. 2201
 - b. 2210
 - c. 2211
 - d. 2212
 - e. 2213
 - f. 2214
 - g. 2215
 - h. 2216
 - i. 2217
 - j. 2220
 - k. 2221
 - l. 2222
 - m. 2223
 - n. 2224
 - o. 2225
 - p. 2230
 - q. 2231
 - r. 2232
 - s. 2233
 - 9. Added these tests for XDM Portable Media Creators
-

- a. 13511
- b. 13512
- c. 13514
- d. 13515
- e. 13516
- f. 13517
- g. 13520
- h. 13521
- i. 13522

10. Updated/create these tests for Evidence Creator (NMI profile):

- a. 2800
- b. 2804

11. Update underlying library and dcm_print_element. For integer values, a mistake in the MESA library resulted in the program printing “0” when the element was not in the DICOM object. The desired (and now current) behavior is to print “”.

12. Added mesa_extract_nm_frames to the Windows build. This was only part of the Unix software release. This is needed for the NMI tests (modality).

9 Version 10.8.0: 9-Nov-2006

9.1 Open Bug Reports on MESA Flyspray System

Bug	Title
20	MESA tools installation improvements
24	Spatial Reg and BSPS objects missing attributes (Fusion profile)
26	add support for Hemodynamic Waveform Storage to MESA Img Server
29	images for mammo display test plan not included in distribution
30	10.4.0 Image Display Test 501 does work for system only support US
34	RAD Test 151: evaluation is not done correctly: Added note to Flyspray asking for data from submitter
40	Case 153: Grade for AIS(3) not correct
45	Image Mgr Test 111 script error
48	Tests 414 and 1701 show cmove failure even though move succeeded
50	IM Tests Document minor issues
55	MSH-9 length checking incorrect in a few tests
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9.2 Open Bug Reports on MESA Bugzilla System

Bug	Title
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18	Removed 0028, 0120 attribute check on "For Processing" image.
21	MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.
33	Report creator test 1511 is incomplete
64, 65	Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.
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147	Display test 10143 is not implemented. This will be addressed in a later release.
153	Need some further help from the system performing the test.
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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383	mesa_xml.pm problems Our JAVA runtime environment and documentation need repair.
384	testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previos release.

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

9.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution
38	RAD IM 401 Modalities in Study eval script seems wrong Runtime problem with the system under test; the 401 test is unchanged
57	variables not set in some sched ORMs Variables were fixed for supported tests; some tests are deprecated and not needed

9.4 Bugs Listed/Fixed on MESA Bugzilla System

Bug	Resolution

9.5 Other Updates

13. Updated documentation for these actors:
 - a. Portable Media Creator
 - b. Secure Node
 14. Added this test for XDM/Media Creator
 - a. 13520
 15. Added this test for XDM/Portable Media Importer
 16. Added these tests for ATNA Secure Node
 - a. 11181
 - b. 11182
 - c. 11183
-

- d. 11184
- e. 11185
- f. 11186
- g. 11187
- h. 11188
- i. 11189
- j. 11190
- k. 11191
- l. 11192
- m. 11193
- n. 11194
- o. 11195
- p. 11196
- q. 11197
- r. 11198
- s. 11199
- t. 11200
- u. 11201
- v. 11202

10 Version 10.7.0: 30-Oct-2006

10.1 Open Bug Reports on MESA Flyspray System

Bug	Title
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24	Spatial Reg and BSPS objects missing attributes (Fusion profile)
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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379	Problem with radiology test 107

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

	Referred questions back to the submitter.
381	Test 131 PID-7 check too restrictive
382	Tests 103: PID-10 is R2 in ADT messages
383	mesa_xml.pm problems Our JAVA runtime environment and documentation need repair.
384	testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previos release.
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419	PDQ 13311 - Inconsistency between test and evaluation Probably a MESA runtime error; not an evaluation error
420	Eval script for test case 20520 / No URL in grade_20520.txt Sent request to submitter for followup information

421	Wrong interpretation of empty name fields in DICOM messages Asked for followup data from the submitter;
422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

10.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution
38	RAD IM 401 Modalities in Study eval script seems wrong Runtime problem with the system under test; the 401 test is unchanged
57	variables not set in some sched ORMs Variables were fixed for supported tests; some tests are deprecated and not needed

10.4 Bugs Listed/Fixed on MESA Bugzilla System

Bug	Resolution

10.5 Other Updates

1. Updated the TLS certificates used for ATNA tests. The previous certificates had expired.
 2. Added the MESA TLS servers that were missing from previous releases.
 3. Added these tests for Content Consumer actors
 - a. 40820
-

- b. 40821
 - c. 40822
 - d. 40823
 - e. 40824
 - f. 40825
 - g. 40826
4. Added these tests for Image Display
- a. 2435
5. Added these tests for Acquisition Modality (NM test)
- a. 2235
6. Update documentation for these actors:
- a. Acquisition Modality
 - b. Content Consumer (see test list above). Other tests were also documented, but are not ready in this release.
 - c. Portable Media Importer (marked some tests as deprecated in favor of tests to come from NIST).
 - d. Evidence Creator
 - e. Image Display
 - f. Image Display (Mammography Specific document)
 - g. Content Creator (fixed a typo in specification of a patient ID)

11 Version 10.6.0: 24-Oct-2006

11.1 Open Bug Reports on MESA Flyspray System

Bug	Title
20	MESA tools installation improvements
24	Spatial Reg and BSPS objects missing attributes (Fusion profile)
26	add support for Hemodynamic Waveform Storage to MESA Img Server
29	images for mammo display test plan not included in distribution
34	RAD Test 151: evaluation is not done correctly: Added note to Flyspray asking for data from submitter

40	Case 153: Grade for AIS(3) not correct
45	Image Mgr Test 111 script error

11.2 Open Bug Reports on MESA Bugzilla System

Bug	Title
9	The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release.
18	Removed 0028, 0120 attribute check on "For Processing" image.
21	MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.
33	Report creator test 1511 is incomplete
64, 65	Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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379	Problem with radiology test 107 Referred questions back to the submitter.
381	Test 131 PID-7 check too restrictive

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

382	Tests 103: PID-10 is R2 in ADT messages
383	mesa_xml.pm problems Our JAVA runtime environment and documentation need repair.
384	testscript 1701 (imgmgr_swf.pl 1701) fails in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previous release.
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	All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
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11.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution
32	Mesa RAD test 132: wrong filler order number is send back in ORR Repaired a script that was using a hard-coded value; this script now uses a parameter from the test list.
33	MESA ITI Tests 10900 and 10911 Documentation issue repaired.
37	IM 103 Storage commit to MR3T Documentation issue resolved.
41	DSS/OF Test 103 - MPPS Create step fails. Intallation issue; Tony followed up with some scripts to improve the installation process.
42	Storage Commitment responses fail if explicit Repaired the MESA modality server to properly negotiate DICOM associations. When we added more Transfer Syntaxes, we missed some items during Association negotiation.
44	IM Test 405 SC fails Repaired with #42; corrected the MESA association negotiation in the server for the MESA modality

11.4 Bugs Listed/Fixed on MESA Bugzilla System

Bug	Resolution

11.5 Other Updates

7. Added these tests for Content Creator actors
 - a. 40150
 - b. 40151
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- c. 40152
 - d. 40153
 - e. 40154
 - f. 40155
 - g. 40156
8. Updated Image Manager documentation. Gave more instruction on Storage Commitment for test 103.
 9. Repaired some typos in the Time Client document.
 10. Updated the Content Creator document. Test cases are now almost all defined. Next version should complete the documentation on the test cases. Some test cases are ready to bein (see list above in #1)

12 Version 10.5.0: 17-Oct-2006

12.1 Open Bug Reports on MESA Flyspray System

Bug	Title
17	mesa_test_xml_process.pl not creating txt files for all tests
20	MESA tools installation improvements
22	test 3900 - 0028 0301 check wrong in 'For Proc' image (Mammo profile)
24	Spatial Reg and BSPS objects missing attributes (Fusion profile)
29	images for mammo display test plan not included in distribution
34	RAD Test 151: evaluation is not done correctly: Added note to Flyspray asking for data from submitter

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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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414	NMI Profile, Acq.Modality Actor,Tests 2210-2217 - No script
416	The evaluation script of the 11143 (ATNA certificate exchange
418	Empty WLM query requires as result a date somewhere in the p Asked submitter for further clarification.
419	PDQ 13311 - Inconsistency between test and evaluation Probably a MESA runtime error; not an evaluation error
420	Eval script for test case 20520 / No URL in grade_20520.txt Sent request to submitter for followup information
421	Wrong interpretation of empty name fields in DICOM messages Asked for followup data from the submitter;
422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

12.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution
17	mesa_test_xml_process.pl not creating txt files for all tests Repaired script for the files listed in the bug report; there could be others that are missed
19	new attribute to be added to DICOM dictionary (for Mammo data)
22	test 3900 - 0028 0301 check wrong in 'For Proc' image (Mammo profile)

	Fixed error check on 0028 0301 in “For Processing” image
26	add support for Hemodynamic Waveform Storage to MESA Img Server
28	CR image has bad pixel aspect ratio
31	10.4.0 Image Display Test 501 does not work for Explicit Little Endian Transfer Syntax Repaired association negotiation to not accept this transfer syntax.
39	MESA Image Manager association negotiation error Repaired association negotiation to only accept explicit VR xfer syntaxes on storage SOP classes

12.4 Bugs Listed/Fixed on MESA Bugzilla System

Bug	Resolution

12.5 Other Updates

1. Repaired Eye Care test 50000. There was a typo in the folder name for the query line.
 2. Add these STRESS tests for Acquisition Modalities
 - a. 20710
 - b. 20712
 3. Added these STRESS tests for Image Manager
 - a. 20725
 4. Added these MAMMO tests for Image Manager
 - a. 3920
 5. Modified the MESA Image Manager
 - a. Repaired handling of multiple presentation contexts (with the same abstract syntax, but each with a different transfer syntaxes)
 - b. Added more log information for move operations and during association negotiation.
 6. Modified MESA Order Filler DICOM (MWL) server.
 - a. Added more log information during association negotiation.
 7. Several tests modified that examined DICOM Person Names. We had evaluated them and printed a warning (for extra ^ characters), but still declared the names in error.
-

13 Version 10.4.0: 2-Oct-2006

13.1 Open Bug Reports on MESA Flyspray System

Bug	Resolution
17	

13.2 Open Bug Reports on MESA Bugzilla System

Bug	Resolution
9	The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release.
21	MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.
33	Report creator test 1511 is incomplete
64, 65	Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.
67	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
68	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
71	Waiting for feedback from the person who issued the report.
72	User requested other transfer syntaxes for MESA servers.
99	
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144	ITI test 10133 is not implemented. This will be addressed in a later release.
147	Display test 10143 is not implemented. This will be addressed in a later release.
153	Need some further help from the system performing the test.
157	NM Evidence Creator tests are not ready
160	Order Filler test 100 is deferred
164	No stress echo test data
170	Waiting for feedback from issuer

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

181	Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.
183	Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.
190	
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198	Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.
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205	Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.
207	
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212	Error when testing ADT A04 for ID Source
214	Modality test 1305 missing
215	PDC Test 11330 is not implemented
219	Need to implement Reliable Syslog. That will not happen until at least May 2005.
220	Needs to be removed or redefined. There is no ATNA event defined for System configuration.
221	Eric Poiseau cannot post bugs to bugzilla system
223	test spec for 10144 - RID/ECG
226	incorrect implementation of type handling RID 10142, 10144, 1
235	
242	Need to update Modality tests to not assume automated protocol handling
243	Accept field is ambiguous in TF. Need CP resolution to close this issue.
246	Need some additional feedback from the user.
298	Installation of RIS Mail
299	MESA test #281 DICOM servers need to support more SOP class
300	Note for next year – ED – CARD 1402 – 1404
306	Trouble with DVT 2.1 (test 283)
308	PID Segment is HL7 v2.4 and not v.2.3.1
310	Secure Node tests – 1221 etc. not responding to initial client
311	MESA Scripts need better logging when they have configuration
314	Order Filler evaluation for 132 flawed

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

315	MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo
316	cmove proposes Storage SOP Classes to Q/R SCP Service and re
323	NAV test 12903 - something wrong with using the scheme file?
324	NAV signature xml file can not be validated – 12903
326	xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05
328	Typos in Image Display Consistency tests VLUT_08, VLUT_P10
329	MESA test 103 , use different AE titles ?
330	Modality PGP Test 106 is flawed
331	MESA 8.8.3 , Test 111 not work's
333	Evaluation problem, but this may be a configuration issue at the user's site.
334	Schematron issue: need to resolve namespace issue
349	tls handshake error
350	eval_client_1222.pl uses last_log.txt instead of last_log.xml
351	test 1223 not ready for IETF schema
354	Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.
355	Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05
356	TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.
357	OF 111 Fails to send gpwl query to itself
358	Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
359	IETF Audit record schema is inconsistent
360	20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
361	CSR validation tool returns false negatives
362	XDS-MS validation tool reports false negatives
366	PD_SUPPLIER TC 11365 appears to hang
367	Problems with the hl7_rcvr
369	Connectathon test issue - CARD- DRPT test case
371	Problem with ACKA28
372	Image manager test 111 is blocked and there no eval
373	Runtime scripts should test to make sure database is running
378	Evaluation ADT 103: MESA expectation for PV1 data in A08 is likely flawed. Need resolution from the Radiology Technical Committee.
379	Problem with radiology test 107

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

	Referred questions back to the submitter.
381	Test 131 PID-7 check too restrictive
382	Tests 103: PID-10 is R2 in ADT messages
383	mesa_xml.pm problems Our JAVA runtime environment and documentation need repair.
384	testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previos release.
385	Img Mgr Test 411: Time format check too restrictive
388	2 byte char test, and other funky characters (Japanese characters are tested; we do need to add tests for European names).
390	imgmgr/134/eval_134.pl prompts "MESA IAN directory does not
391	Media Creator Tests fails under Linux/Unix with pure ISO9660
393	Tests 103, 107, 20106: ERR: MSH 4 Sending Facility, test val
394	Test 20106: ERR: MSH 5 Receiving Application, test value doe
395	Test 103, 107, 20106: MSH 6 Receiving Facility, test value d
396	Tests 103, 20106: ERR: PID 5 Patient Name, test value does n
397	Test 20106: ERR: OBR 4 Universal Service ID, test value doe
398	Tests 20101, 20102, 20106 (and maybe others): DSS_MESA vs. E
402	Test 20101: [RAD-4] is expected too late. Referred back to issuer for claification.
404	Tests 103, 20106: ERR: PID 3 Patient ID, test value does not
405	Test 103: PID-18, Fields do not match
408	MESA Test 2031- there are no ecg documents
409	Error in evaluation of test 604 Referred back to submitter for more details.
410	NMI Profile, Acq. Modality Actor, test 283, STATIC Image, D Asked submitter to log bug at www.dvtk.org
411	NMI Profile, Acq. Modality Actor, test 283, TOMO Image, DVT Asked submitter to log bug at www.dvtk.org
412	NMI Profile, Acq. Modality Actor, test 283, GATED TOMO Imag Asked submitter to log bug at www.dvtk.org
413	NMI Profile, Acq.Modality Actor,Tests 2202-2203 - no script
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418	Empty WLM query requires as result a date somewhere in the p Asked submitter for further clarification.
419	PDQ 13311 - Inconsistency between test and evaluation Probably a MESA runtime error; not an evaluation error
420	Eval script for test case 20520 / No URL in grade_20520.txt Sent request to submitter for followup information

421	Wrong interpretation of empty name fields in DICOM messages Asked for followup data from the submitter;
422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

13.3 Bugs Listed/Fixed on MESA Flyspray System

Bug	Resolution
16	Corrected the evaluation script. The Storage ZIP file is correct as distributed (10.2.0)

13.4 Bugs Listed/Fixed on MESA Bug System

Bug	Resolution

13.5 Other Updates

8. Added these MAMMO tests for Acquisition Modalities
 - a. 3905
 - b. 3900 (was present in 10.1.0 but not announced)
 - c. 3915 (was present in 10.1.0 but not announced)
 9. Added these XDM tests for Portable Media Creators
 - a. 13511
 - b. 13512
 - c. 13514
 - d. 13515
 - e. 13516
 - f. 13517
-

10. Added these XDS-SD tests for Content Creators

- a. 14110
- b. 14112

11. Added these general tests for Content Creators (several profiles)

- a. 40000
- b. 40001
- c. 40002
- d. 40003

14 Version 10.3.0: 25-Sep-2006

14.1 Open Bug Reports on MESA Bug System

Bug	Resolution
9	The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release.
21	MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.
33	Report creator test 1511 is incomplete
64, 65	Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.
67	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
68	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
71	Waiting for feedback from the person who issued the report.
72	User requested other transfer syntaxes for MESA servers.
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144	ITI test 10133 is not implemented. This will be addressed in a later release.

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

147	Display test 10143 is not implemented. This will be addressed in a later release.
153	Need some further help from the system performing the test.
157	NM Evidence Creator tests are not ready
160	Order Filler test 100 is deferred
164	No stress echo test data
170	Waiting for feedback from issuer
181	Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.
183	Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.
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205	Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.
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212	Error when testing ADT A04 for ID Source
214	Modality test 1305 missing
215	PDC Test 11330 is not implemented
219	Need to implement Reliable Syslog. That will not happen until at least May 2005.
220	Needs to be removed or redefined. There is no ATNA event defined for System configuration.
221	Eric Poiseau cannot post bugs to bugzilla system
223	test spec for 10144 - RID/ECG
226	incorrect implementation of type handling RID 10142, 10144, 1
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242	Need to update Modality tests to not assume automated protocol handling
243	Accept field is ambiguous in TF. Need CP resolution to close this issue.
246	Need some additional feedback from the user.
298	Installation of RIS Mail
299	MESA test #281 DICOM servers need to support more SOP class
300	Note for next year – ED – CARD 1402 – 1404

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

306	Trouble with DVT 2.1 (test 283)
308	PID Segment is HL7 v2.4 and not v.2.3.1
310	Secure Node tests – 1221 etc. not responding to initial client
311	MESA Scripts need better logging when they have configuration
314	Order Filler evaluation for 132 flawed
315	MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo
316	cmove proposes Storage SOP Classes to Q/R SCP Service and re
323	NAV test 12903 - something wrong with using the scheme file?
324	NAV signature xml file can not be validated – 12903
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333	Evaluation problem, but this may be a configuration issue at the user's site.
334	Schematron issue: need to resolve namespace issue
349	tls handshake error
350	eval_client_1222.pl uses last_log.txt instead of last_log.xml
351	test 1223 not ready for IETF schema
354	Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.
355	Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05
356	TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.
357	OF 111 Fails to send gpwl query to itself
358	Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
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362	XDS-MS validation tool reports false negatives
366	PD_SUPPLIER TC 11365 appears to hang
367	Problems with the hl7_rvr
369	Connectathon test issue - CARD- DRPT test case

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

371	Problem with ACKA28
372	Image manager test 111 is blocked and there no eval
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378	Evaluation ADT 103: MESA expectation for PV1 data in A08 is likely flawed. Need resolution from the Radiology Technical Committee.
379	Problem with radiology test 107 Referred questions back to the submitter.
381	Test 131 PID-7 check too restrictive
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383	mesa_xml.pm problems Our JAVA runtime environment and documentation need repair.
384	testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previos release.
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390	imgmgr/134/eval_134.pl prompts "MESA IAN directory does not
391	Media Creator Tests fails under Linux/Unix with pure ISO9660
393	Tests 103, 107, 20106: ERR: MSH 4 Sending Facility, test val
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396	Tests 103, 20106: ERR: PID 5 Patient Name, test value does n
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398	Tests 20101, 20102, 20106 (and maybe others): DSS_MESA vs. E
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422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
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425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

14.2 Bugs Listed/Fixed on MESA Bug System

Bug	Resolution

14.3 Other Updates

12. Added the MESA Class A test #1. This is the installation test and is documented in the Installation Guide.
13. Updated the installation guides (Unix, Windows) with better references to the MESA_STORAGE files. These have changed starting with the 10.0.0 release.
14. Updated documentation for several actors. In the next release, we will announce the new, stable tests.

15 Version 10.2.0: 5-Sep-2006

15.1 Open Bug Reports on MESA Bug System

Bug	Resolution
9	The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release.
21	MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

	development process.
33	Report creator test 1511 is incomplete
64, 65	Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.
67	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
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153	Need some further help from the system performing the test.
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198	Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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205	Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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382	Tests 103: PID-10 is R2 in ADT messages
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384	testscript 1701 (imgmgr_swf.pl 1701) fails in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previous release.
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

395	Test 103, 107, 20106: MSH 6 Receiving Facility, test value d
396	Tests 103, 20106: ERR: PID 5 Patient Name, test value does n
397	Test 20106: ERR: OBR 4 Universal Service ID, test value doe
398	Tests 20101, 20102, 20106 (and maybe others): DSS_MESA vs. E
402	Test 20101: [RAD-4] is expected too late. Referred back to issuer for clarification.
404	Tests 103, 20106: ERR: PID 3 Patient ID, test value does not
405	Test 103: PID-18, Fields do not match
408	MESA Test 2031- there are no ecg documents
409	Error in evaluation of test 604 Referred back to submitter for more details.
410	NMI Profile, Acq. Modality Actor, test 283, STATIC Image, D Asked submitter to log bug at www.dvtk.org
411	NMI Profile, Acq. Modality Actor, test 283, TOMO Image, DVT Asked submitter to log bug at www.dvtk.org
412	NMI Profile, Acq. Modality Actor, test 283, GATED TOMO Imag Asked submitter to log bug at www.dvtk.org
413	NMI Profile, Acq.Modality Actor,Tests 2202-2203 - no script
414	NMI Profile, Acq.Modality Actor,Tests 2210-2217 - No script
416	The evaluation script of the 11143 (ATNA certificate exchange
418	Empty WLM query requires as result a date somewhere in the p Asked submitter for further clarification.
419	PDQ 13311 - Inconsistency between test and evaluation Probably a MESA runtime error; not an evaluation error
420	Eval script for test case 20520 / No URL in grade_20520.txt Sent request to submitter for followup information
421	Wrong interpretation of empty name fields in DICOM messages Asked for followup data from the submitter;
422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

15.2 Bugs Listed/Fixed on MESA Bug System

Bug	Resolution

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15.3 Other Updates

15. Updated the DICOM Storage Service (Image Manager, Workstation) as follows:
 - a. Set default behavior to store all composite objects as Part 10 files.
 - b. Repair the association negotiation when we are acting as a workstation for Storage Commitment negotiation. When an external Image Manager proposes to act as a Storage Commitment SCP (the proper behavior), we need to accept that role.
16. Added these Eye Care Workflow tests for Evidence Creator actor:
 - a. 251
 - b. 281
 - c. 283
 - d. 284
 - e. 301
 - f. 311
17. Added the Eye Care Workflow tests for Image Display
 - a. 311
 - b. 312
 - c. 50501
 - d. 50502
18. x
19. x
20. x

16 Version 10.1.0: 25-Aug-2006

16.1 Open Bug Reports on MESA Bug System

Bug	Resolution
9	The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release.
21	MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

33	Report creator test 1511 is incomplete
64, 65	Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.
67	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
68	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
71	Waiting for feedback from the person who issued the report.
72	User requested other transfer syntaxes for MESA servers.
99	
102	
103	
104	
105	
106	
107	
109	
110	
113	
114	
115	
116	
118	
144	ITI test 10133 is not implemented. This will be addressed in a later release.
147	Display test 10143 is not implemented. This will be addressed in a later release.
153	Need some further help from the system performing the test.
157	NM Evidence Creator tests are not ready
160	Order Filler test 100 is deferred
164	No stress echo test data
170	Waiting for feedback from issuer
181	Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.
183	Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.
190	
191	
192	
193	
194	
195	
196	
197	
198	Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.
199	
201	
202	

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

203	
204	
205	Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.
207	
208	
212	Error when testing ADT A04 for ID Source
214	Modality test 1305 missing
215	PDC Test 11330 is not implemented
219	Need to implement Reliable Syslog. That will not happen until at least May 2005.
220	Needs to be removed or redefined. There is no ATNA event defined for System configuration.
221	Eric Poiseau cannot post bugs to bugzilla system
223	test spec for 10144 - RID/ECG
226	incorrect implementation of type handling RID 10142, 10144, 1
235	
242	Need to update Modality tests to not assume automated protocol handling
243	Accept field is ambiguous in TF. Need CP resolution to close this issue.
246	Need some additional feedback from the user.
298	Installation of RIS Mail
299	MESA test #281 DICOM servers need to support more SOP class
300	Note for next year – ED – CARD 1402 – 1404
306	Trouble with DVT 2.1 (test 283)
308	PID Segment is HL7 v2.4 and not v.2.3.1
310	Secure Node tests – 1221 etc. not responding to initial client
311	MESA Scripts need better logging when they have configuration
314	Order Filler evaluation for 132 flawed
315	MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo
316	cmove proposes Storage SOP Classes to Q/R SCP Service and re
323	NAV test 12903 - something wrong with using the scheme file?
324	NAV signature xml file can not be validated – 12903
326	xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05
328	Typos in Image Display Consistency tests VLUT_08, VLUT_P10
329	MESA test 103 , use different AE titles ?
330	Modality PGP Test 106 is flawed
331	MESA 8.8.3 , Test 111 not work's
333	Evaluation problem, but this may be a configuration issue at the user's site.
334	Schematron issue: need to resolve namespace issue

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

349	tls handshake error
350	eval_client_1222.pl uses last_log.txt instead of last_log.xml
351	test 1223 not ready for IETF schema
354	Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.
355	Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05
356	TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.
357	OF 111 Fails to send gpwl query to itself
358	Eval_20530 fails since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
359	IETF Audit record schema is inconsistent
360	20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.
361	CSR validation tool returns false negatives
362	XDS-MS validation tool reports false negatives
366	PD_SUPPLIER TC 11365 appears to hang
367	Problems with the hl7_rcvr
369	Connectathon test issue - CARD- DRPT test case
371	Problem with ACKA28
372	Image manager test 111 is blocked and there no eval
373	Runtime scripts should test to make sure database is running
378	Evaluation ADT 103: MESA expectation for PV1 data in A08 is likely flawed. Need resolution from the Radiology Technical Committee.
379	Problem with radiology test 107 Referred questions back to the submitter.
381	Test 131 PID-7 check too restrictive
382	Tests 103: PID-10 is R2 in ADT messages
383	mesa_xml.pm problems Our JAVA runtime environment and documentation need repair.
384	testscript 1701 (imgmgr_swf.pl 1701) fails in TRANSACTION 1 Waiting for feedback from submitter; we think this was solved in a previous release.
385	Img Mgr Test 411: Time format check too restrictive
388	2 byte char test, and other funky characters (Japanese characters are tested; we do need to add tests for European names).
390	imgmgr/134/eval_134.pl prompts "MESA IAN directory does not
391	Media Creator Tests fails under Linux/Unix with pure ISO9660
393	Tests 103, 107, 20106: ERR: MSH 4 Sending Facility, test val
394	Test 20106: ERR: MSH 5 Receiving Application, test value doe

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

395	Test 103, 107, 20106: MSH 6 Receiving Facility, test value d
396	Tests 103, 20106: ERR: PID 5 Patient Name, test value does n
397	Test 20106: ERR: OBR 4 Universal Service ID, test value doe
398	Tests 20101, 20102, 20106 (and maybe others): DSS_MESA vs. E
402	Test 20101: [RAD-4] is expected too late. Referred back to issuer for clarification.
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408	MESA Test 2031- there are no ecg documents
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412	NMI Profile, Acq. Modality Actor, test 283, GATED TOMO Imag Asked submitter to log bug at www.dvtk.org
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416	The evaluation script of the 11143 (ATNA certificate exchange
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419	PDQ 13311 - Inconsistency between test and evaluation Probably a MESA runtime error; not an evaluation error
420	Eval script for test case 20520 / No URL in grade_20520.txt Sent request to submitter for followup information
421	Wrong interpretation of empty name fields in DICOM messages Asked for followup data from the submitter;
422	Time in HL7-datetime-objects has to be accepted All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.
423	Documentation ("IHE Tests: Radiology Transaction Sequence" a Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort.
425	Image Creator Test 1412: PWF CT: internal error
426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

16.2 Bugs Listed/Fixed on MESA Bug System

Bug	Resolution

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16.3 Other Updates

21. Added these FUSION tests for Image Manager actor:

- a. 3512
- b. 3540
- c. 3550

22. Added these FUSION tests for Evidence Creator actor:

- a. 3512
- b. 3514
- c. 3540
- d. 3541

23. Added these IRWF tests for Importer:

- a. 3725
- b. 3726
- c. 3740
- d. 3742

24. Added these NMI tests for Modality:

25. Added these MAMMO tests for Modality:

- a. 3900
- b. 3915

26. Added these Eye Care tests for ADT

- a. 50000
- b. 50002

27. Added these Eye Care tests for Order Filler

- a. 50000
- b. 50001
- c. 50002
- d. 50004

28. Added these Eye Care tests for Order Placer

- a. 50000
-

b. 50001

c. 50002

29. Added these Eye Care tests for Image Manager

a. 50000

b. 50001

c. 50002

d. 50004

30. Added thees Eye Care tests for Acquisition Modality

a. 50201

b. 50202

c. 50215

17 Version 10.0.0: 15-Aug-2006

17.1 Open Bug Reports on MESA Bug System

Bug	Resolution
9	The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release.
21	MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.
33	Report creator test 1511 is incomplete
64, 65	Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.
67	Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.
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71	Waiting for feedback from the person who issued the report.
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

109	
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144	ITI test 10133 is not implemented. This will be addressed in a later release.
147	Display test 10143 is not implemented. This will be addressed in a later release.
153	Need some further help from the system performing the test.
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214	Modality test 1305 missing
215	PDC Test 11330 is not implemented
219	Need to implement Reliable Syslog. That will not happen until at least May 2005.
220	Needs to be removed or redefined. There is no ATNA event defined for System configuration.
221	Eric Poiseau cannot post bugs to bugzilla system
223	test spec for 10144 - RID/ECG
226	incorrect implementation of type handling RID 10142, 10144, 1

IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

235	
242	Need to update Modality tests to not assume automated protocol handling
243	Accept field is ambiguous in TF. Need CP resolution to close this issue.
246	Need some additional feedback from the user.
298	Installation of RIS Mail
299	MESA test #281 DICOM servers need to support more SOP class
300	Note for next year – ED – CARD 1402 – 1404
306	Trouble with DVT 2.1 (test 283)
308	PID Segment is HL7 v2.4 and not v.2.3.1
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316	cmove proposes Storage SOP Classes to Q/R SCP Service and re
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IHE/MESA Test Tools Release Notes – Version 10.15.0, 5-Apr-2007

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426	Report Creator Test 1601: Internal failure
427	Report Creator RWF test 1602: internal failure

17.2 Bugs Listed/Fixed on MESA Bug System

Bug	Resolution

17.3 Other Updates

31. Database schemas have changed since the 9.x.x release. Please read the installation notes if you have a previous version and create new database tables.
 32. First release of IHE EyeCare test software. Includes Order Filler test 50000 and Image Manager test 50000.
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