

# Test Module10.12

## Fax Integration

### Test Cases

*Author(s): imbus AG  
MoReq2 test development team*

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## Contents

Document History .....	3
<i>T10.12 Fax Integration</i> .....	4
T10.12.1 Configuring the ERMS .....	5
T10.12.1.1 Configuring the Operation when Sending a Fax .....	5
T10.12.1.2 Configuring the Operation when Receiving a Fax .....	6
T10.12.2 Metadata Elements .....	7
T10.12.2.1 Capturing Metadata from Incoming Faxes .....	7
T10.12.2.2 Capturing Metadata from Outgoing Faxes .....	8
T10.12.2.3 Editing the Title Metadata .....	9
T10.12.3 Fax Interface .....	10
T10.12.3.1 Capture within Fax Interface .....	10
T10.12.3.2 Sending a Fax from within the ERMS .....	11
T10.12.4 Other .....	12
T10.12.4.1 Storage in Standard Formats .....	12
T10.12.4.2 Fax Record Type for Faxes .....	13
T10.12.4.3 Application Programming Interface .....	14

## Document History

Version	Date of Issue	Author	Comment
0.1	10/01/08	Claudia Schieber	Initial Draft
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**T10.12 Fax Integration**

<b>REMARKS</b>	TEST DATA:	The test data for the following tests (test module 10, chapter T10.12) can be found in the corresponding test data repository. The relevance chapter is called ' <b>on chapter T10.12 – Fax Integration</b> '.
	TEST EXECUTION:	<p>step (1) Please read the chapter <b>Testframework – Introduction/Chapter 2</b> before starting the test execution.</p> <p>step (2) The test cases are designed in a way that enables you to skip certain test cases when required. However, the outcome of some test cases might be a precondition of subsequent tests. Where there are dependencies we have inserted test references into the precondition section of the test case. Attention should be given to the preconditions of the test cases carefully.</p>

### T10.12.1 Configuring the ERMS

Abstract: This chapter focuses on testing the configuration possibilities of ERMS systems for fax integration.

#### T10.12.1.1 Configuring the Operation when Sending a Fax

I. Global test case information		
<i>test case id:</i>	T10.12.1.1	
<i>test case priority:</i>	<input checked="" type="checkbox"/> Mandatory	<input type="checkbox"/> Optional <input type="checkbox"/> Not testable
<i>test case description:</i>	An administrative role checks the option to configure operations in the case of sending a fax.	
<i>Req.-ID:</i>	10.12.5	
II. Test case		
<i>a. precondition(s)</i>		
<ul style="list-style-type: none"> <li>Logged in as role <b>CentralAdministrator</b></li> </ul>		
<i>b. test steps</i>		
step	action/operation	check/ expected result
1.	Check the configuration of operation when a user sends a fax.	The ERMS provides several configurations to operate in <u>one</u> of the following ways: <ul style="list-style-type: none"> <li>it automatically captures the fax;</li> <li>it automatically prompts the user, giving the user an option to declare the fax as a record;</li> <li>it takes no action (and thus relies on the user to initiate declaration if appropriate)</li> </ul>
<i>c. postcondition(s)</i>		
<ul style="list-style-type: none"> <li>The ERMS meets the required configuration when a user sends a fax.</li> </ul>		
III. Test result		
<i>defects / deviations</i>		<i>verdict</i>
		<input type="checkbox"/> passed <input type="checkbox"/> failed
<i>Remarks</i>		<i>tester</i>
		_____ date, signature

### T10.12.1.2 Configuring the Operation when Receiving a Fax

I. Global test case information		
<i>test case id:</i>	T10.12.1.2	
<i>test case priority:</i>	<input checked="" type="checkbox"/> Mandatory	<input type="checkbox"/> Optional
<i>test case description:</i>	An administrator role checks the option to configure operations in the case of receiving a fax.	
<i>Req.-ID:</i>	10.12.6	
II. Test case		
<i>a. precondition(s)</i>		
<ul style="list-style-type: none"> <li>Logged in as role <b>CentralAdministrator</b></li> </ul>		
<i>b. test steps</i>		
step	action/operation	check/ expected result
1.	Check the configuration of operation when a user receives a fax.	The following configurations are possible: <ul style="list-style-type: none"> <li>it automatically prompts the user, giving the user an option to declare it;</li> <li>it takes no action (and thus relies on the user to initiate declaration if appropriate).</li> </ul>
<i>c. postcondition(s)</i>		
<ul style="list-style-type: none"> <li>The ERMS meets the required configuration when the user receives a fax.</li> </ul>		
III. Test result		
<i>defects / deviations</i>		<i>verdict</i>
		<input type="checkbox"/> passed <input type="checkbox"/> failed
<i>Remarks</i>		<i>tester</i>
		_____ date, signature

## T10.12.2 Metadata Elements

Abstract: This chapter focuses on testing the capturing and editing of fax metadata elements.

### T10.12.2.1 Capturing Metadata from Incoming Faxes

I. Global test case information		
<i>test case id:</i>	T10.12.2.1	
<i>test case priority:</i>	<input type="checkbox"/> Mandatory	<input checked="" type="checkbox"/> Optional
<i>test case description:</i>	A user receives an incoming fax with a predictable internal structure. This fax is captured and a check is made to confirm that the ERMS automatically extracts fax metadata elements from the incoming fax.	
<i>Req.-ID:</i>	10.12.7	
II. Test case		
<i>a. precondition(s)</i>		
<ul style="list-style-type: none"> <li>• Logged in as role <b>Reviewer</b></li> <li>• <b>TestClassificationScheme1</b> is created</li> </ul>		
<i>b. test steps</i>		
step	action/operation	check/ expected result
1.	Receive and capture <b>fax1 (F01)</b> as <b>Record1</b> within the file <b>Strategy(CS01/001/001)</b>	The ERMS automatically captures the metadata elements from <b>fax1 (F01)</b> , e.g. <ul style="list-style-type: none"> <li>• title;</li> <li>• sender;</li> <li>• time and date;</li> <li>• recipient;</li> </ul> and <b>fax1 (F01)</b> is stored as <b>Record1 (CS01/001/001/001)</b> within the file <b>Strategy (CS01/001/001)</b>
<i>c. postcondition(s)</i>		
The ERMS is capable of automatically extracting fax meta data elements from incoming faxes, e.g.: <ul style="list-style-type: none"> <li>• title;</li> <li>• sender;</li> <li>• time and date;</li> <li>• recipient.</li> </ul>		
III. Test result		
<i>defects / deviations</i>		<i>verdict</i>
		<input type="checkbox"/> passed
		<input type="checkbox"/> failed
<i>Remarks</i>		<i>tester</i>
		_____ date, signature

### T10.12.2.2 Capturing Metadata from Outgoing Faxes

I. Global test case information		
<i>test case id:</i>	T10.12.2.2	
<i>test case priority:</i>	<input type="checkbox"/> Mandatory	<input checked="" type="checkbox"/> Optional
<i>test case description:</i>	A user sends a fax with a predictable internal structure that has to be captured by the ERMS. A check is made whether the ERMS automatically populates the metadata elements for the outgoing fax.	
<i>Req.-ID:</i>	10.12.8	
II. Test case		
<i>a. precondition(s)</i>		
<ul style="list-style-type: none"> <li>• <b>TestClassificationScheme1</b> is created.</li> <li>• Logged in as role <b>Reviewer</b></li> </ul>		
<i>b. test steps</i>		
step	action/operation	check/ expected result
1.	Send a fax and capture <b>fax2 (F02)</b> as record in the file <b>Strategy(CS01/001/001)</b> .	The ERMS automatically populates the metadata elements of the fax, e.g. <ul style="list-style-type: none"> <li>• title;</li> <li>• sender;</li> <li>• time and date;</li> <li>• recipient.</li> </ul>
<i>c. postcondition(s)</i>		
The ERMS is capable of automatically populating fax metadata elements for outgoing faxes, e.g.: <ul style="list-style-type: none"> <li>• title;</li> <li>• sender;</li> <li>• time and date;</li> <li>• recipient.</li> </ul>		
III. Test result		
<i>defects / deviations</i>		<i>verdict</i>
		<input type="checkbox"/> passed <input type="checkbox"/> failed
<i>Remarks</i>		<i>tester</i>
		_____ date, signature



### T10.12.2.3 Editing the Title Metadata

I. Global test case information		
<i>test case id:</i>	T10.12.2.3	
<i>test case priority:</i>	<input checked="" type="checkbox"/> Mandatory	<input type="checkbox"/> Optional
<i>test case description:</i>	A user captures a fax. A check is made whether the ERMS allows a user to edit the <b>title</b> metadata element.	
<i>Req.-ID:</i>	10.12.9	
II. Test case		
<i>a. precondition(s)</i>		
<ul style="list-style-type: none"> <li>• <b>TestClassificationScheme1</b> is created</li> <li>• Logged in as role <b>Reviewer</b></li> </ul>		
<i>b. test steps</i>		
step	action/operation	check/ expected result
1.	Capture <b>fax3 (F03)</b> within the file <b>Strategy (CS01/001/001)</b> and edit the title metadata element into "Record3".	<b>fax3 (F03)</b> is captured as <b>Record3 (CS01/001/001/003)</b> within the file <b>Strategy (CS01/001/001)</b>
<i>c. postcondition(s)</i>		
<ul style="list-style-type: none"> <li>• When a user is capturing a fax, the ERMS allows the user to edit the title metadata of the fax.</li> </ul>		
III. Test result		
<i>defects / deviations</i>		<i>verdict</i>
		<input type="checkbox"/> passed <input type="checkbox"/> failed
<i>Remarks</i>		<i>tester</i>
		<hr/> date, signature

### T10.12.3 Fax Interface

Abstract: This chapter focuses on testing the integration between the fax application and the ERMS.

#### T10.12.3.1 Capture within Fax Interface

I. Global test case information		
<i>test case id:</i>	T10.12.3.1	
<i>test case priority:</i>	<input checked="" type="checkbox"/> Mandatory	<input type="checkbox"/> Optional <input type="checkbox"/> Not testable
<i>test case description:</i>	A check is made to confirm that a user can capture data within a fax application.	
<i>Req.-ID:</i>	10.12.3	
II. Test case		
<i>a. precondition(s)</i>		
<ul style="list-style-type: none"> <li>Logged in as role <b>Reviewer</b></li> <li><b>TestClassificationScheme1</b> is created</li> <li>A user fax interface exists and the user logged in has access to the fax interface</li> </ul>		
<i>b. test steps</i>		
<i>step</i>	<i>action/operation</i>	<i>check/ expected result</i>
1.	Capture <b>fax8 (RF_008)</b> .	<b>fax8 (F08)</b> is captured without being required to switch to the ERMS.
<i>c. postcondition(s)</i>		
<ul style="list-style-type: none"> <li>The ERMS allows a user to capture a fax without being required to switch to the ERMS.</li> </ul>		
III. Test result		
<i>defects / deviations</i>		<i>verdict</i>
		<input type="checkbox"/> passed
		<input type="checkbox"/> failed
<i>Remarks</i>		<i>tester</i>
		_____ date, signature

### T10.12.3.2 Sending a Fax from within the ERMS

I. Global test case information		
<i>test case id:</i>	T10.12.3.2	
<i>test case priority:</i>	<input checked="" type="checkbox"/> Mandatory	<input type="checkbox"/> Optional
<i>test case description:</i>	A user selects in the ERMS one electronic record. A check is made to ensure that he can fax this record from within the ERMS.	
<i>Req.-ID:</i>	10.12.4	
II. Test case		
<i>a. precondition(s)</i>		
<ul style="list-style-type: none"> <li>• Logged in as role <b>Reviewer</b></li> <li>• <b>TestClassificationScheme1</b> is created</li> <li>• <b>Record7 (CS01/001/002/001)</b>, <b>Record8 (CS01/001/002/002)</b>, <b>Record9 (CS01/001/002/003)</b> and <b>Record10 (CS01/001/002/004)</b> can be presented as two-dimensional image</li> </ul>		
<i>b. test steps</i>		
step	action/operation	check/ expected result
1.	Select <b>Record7 (CS01/001/002/001)</b> in the file <b>Management (CS01/001/002)</b> and fax it as <b>fax7 (F07)</b> .	The ERMS allows sending the fax without leaving the ERMS.
2.	Select <b>Record8 (CS01/001/002/002)</b> and check whether there exists an option to fax it.	The option to fax <b>Record8 (CS01/001/002/002)</b> exists.
3.	Select <b>Record9 (CS01/001/002/003)</b> and check whether there exists an option to fax it.	The option to fax <b>Record9 (CS01/001/002/003)</b> exists.
4.	Select <b>Record10 (CS01/001/002/004)</b> and check whether there exists an option to fax it.	The option to fax <b>Record10 (CS01/001/002/004)</b> exists.
<i>c. postcondition(s)</i>		
<ul style="list-style-type: none"> <li>• The ERMS allows a user to send a fax from within the ERMS.</li> </ul>		
III. Test result		
<i>defects / deviations</i>		<i>verdict</i>
		<input type="checkbox"/> passed
		<input type="checkbox"/> failed
<i>Remarks</i>		<i>tester</i>
		_____ date, signature

### T10.12.4 Other

Abstract: This chapter focuses on testing various aspects that have not been tested in the previous chapters.

#### T10.12.4.1 Storage in Standard Formats

I. Global test case information		
<i>test case id:</i>	T10.12.4.1	
<i>test case priority:</i>	<input checked="" type="checkbox"/> Mandatory	<input type="checkbox"/> Optional
<i>test case description:</i>	A user captures a fax. A check is made to ensure that the fax can be stored in a standard format like TIFF v6 image format with Group IV compression.	
<i>Req.-ID:</i>	10.12.2	
II. Test case		
<i>a. precondition(s)</i>		
<ul style="list-style-type: none"> <li>• Logged in as role <b>Reviewer</b></li> <li>• <b>TestClassificationScheme1</b> is created</li> </ul>		
<i>b. test steps</i>		
<i>step</i>	<i>action/operation</i>	<i>Check</i>
1.	Capture <b>fax4 (F04)</b> and store it in a standard format, e.g. TIFF.	<b>fax4 (F04)</b> is stored in a standard format like TIFF v6 image format with Group IV compression.
<i>c. postcondition(s)</i>		
<ul style="list-style-type: none"> <li>• The ERMS is capable of storing faxes in standard formats, for example TIFF v6 image format with Group IV compression.</li> </ul>		
III. Test result		
<i>defects / deviations</i>		<i>verdict</i>
		<input type="checkbox"/> passed
		<input type="checkbox"/> failed
<i>Remarks</i>		<i>tester</i>
		_____ date, signature

### T10.12.4.2 Fax Record Type for Faxes

I. Global test case information		
<i>test case id:</i>	T10.12.4.2	
<i>test case priority:</i>	<input type="checkbox"/> Mandatory	<input checked="" type="checkbox"/> Optional
<i>test case description:</i>	A user receives/sends a fax and captures it. A check is made whether the ERMS provides a fax record type to enable the user to enter metadata.	
<i>Req.-ID:</i>	10.12.10	
II. Test case		
<i>a. precondition(s)</i>		
<ul style="list-style-type: none"> <li>• Logged in as role <b>Reviewer</b></li> <li>• <b>TestClassificationScheme1</b> is created</li> <li>• Record type "<b>Fax</b>" (<b>RT01</b>) is created</li> <li>• User that is logged in receives the <b>fax5 (F05)</b></li> </ul>		
<i>b. test steps</i>		
step	action/operation	Check
1.	Capture <b>fax5 (F05)</b> as <b>Record5</b> in the file <b>Strategy (CS01/001/001)</b>	<b>fax5 (F05)</b> is stored as <b>Record5 (CS01/001/001/005)</b> in the file <b>Strategy (CS01/001/001)</b> and the ERMS allows the user to assign a fax record type as metadata element to <b>Record5</b> .
2.	Send a fax and start to capture <b>fax6 (F06)</b> as <b>Record6</b> in the file <b>Strategy (CS01/001/001)</b>	<b>fax6 (F06)</b> is stored as <b>Record6 (CS01/001/001/006)</b> in the file <b>Strategy (CS01/001/001)</b> and the ERMS allows the user to assign a fax record type as metadata element to <b>Record6</b> .
<i>c. postcondition(s)</i>		
<ul style="list-style-type: none"> <li>• The ERMS provides a record type for inbound/outbound faxes to enable the user to enter metadata.</li> </ul>		
III. Test result		
<i>defects / deviations</i>		<i>verdict</i>
		<input type="checkbox"/> passed
		<input type="checkbox"/> failed
<i>Remarks</i>		<i>tester</i>
		_____ date, signature

### T10.12.4.3 Application Programming Interface

I. Global test case information		
<i>test case id:</i>	T10.12.4.3	
<i>test case priority:</i>	<input type="checkbox"/> Mandatory	<input type="checkbox"/> Optional <input checked="" type="checkbox"/> Not testable
<i>test case description:</i>	The corresponding requirement is not testable.	
<i>Req.-ID:</i>	10.12.1	
II. Test case		
<i>a. precondition(s)</i>		
•		
<i>b. test steps</i>		
<i>step</i>	<i>action/operation</i>	<i>Check</i>
1.		
<i>c. postcondition(s)</i>		
•		
III. Test result		
<i>defects / deviations</i>		<i>verdict</i>
		<input type="checkbox"/> passed <input type="checkbox"/> failed
<i>Remarks</i>		<i>tester</i>
		_____ date, signature