eTMF Exchange Mechanism Standard Survey

138 responses

For what type of organization do you work?

Sponsor	44.9% / 6
CRO	28.3% / 3
eTMF System vendor	12.3% / 1
Consulting services provider	6.5% /
Clinical Research Site	2.2% /
Vendor of other kinds of software (not eTMF software)	2.2% /
IT or integration services provider	1.4% /

How does your role relate to TMF?

TMF and Operations	55.1 % / 76 resp.
TMF only	40.6% / 56 resp.
Operational only	4.3% / 6 resp.

How familiar are you with eTMF-EMS?

138 out of 138 answered

I am not familiar with eTMF-EMS.	29.0%
I have advocated its use in my organization or industry.	13.0%
I have participated in the development or use of eTMF-	
I have participated in the development or use of eTMF-EMS.	13.0%
	13.0% 9.4%

Which of the following use cases would be of interest to you?

62 out of 138 answered

Transfer a final TMF from CRO to sponsor 64.5% / 40 resp.

Archive TMF content and metadata	51.6% /
Migrate TMF content after an acquisition	37.1% /
Transfer sponsor TMF content to and from a study site	29.0% /
Transfer interim TMF content to a central TMF	24.2% /
Transport records after upgrading an eTMF system	16.1% /
Transport records after upgrading an eTMF system I have no specific use case in mind	16.1% / 6.5% /
I have no specific use case in mind	6.5%

What would you say the biggest barriers are to using the EMS standard for TMF interchange? (check all that apply)

I don't know how to implement it	48.4% / 3
This is not a priority for us right now	29.0% / 1
We don't exchange TMF content and we have a	
centralized eTMF	17.7% / 1
My eTMF vendor does not yet support the standard	14.5% /
The cost of implementing is too high	12.9% /
Standard is not comprehensive enough	8.1% /
We already have a mechanism for exchanging content tha	at
works fine	3.2% /

76 out of 138 answered

1	TMF integration (ongoing transfer of content between systems, e.g. an interim transfer)	69.7% / 53 resp
2	Archiving (e.g. for long-term offline storage and retrieval)	50.0% / 38 resp
3	Batch migration (a one-time transfer, e.g. migrating a full TMF to a new CRO)	48.7% / 37 resp
4	Other	5.3% / 4 resp

What would you say are the biggest barriers to developing the EMS standard for TMF

Which of the following TMF exchange solution types do you (partial or fully) support?

interchange? (check all that apply)

exchanges	35.5%
I don't know how to develop it	31.6%
Standard is not comprehensive enough	21.1%
This is not a priority for us right now	19.7%
We cannot recover the cost of developing a FMS-based	
We cannot recover the cost of developing a EMS-based	15 8%
We cannot recover the cost of developing a EMS-based solution to exchange TMF content	15.8%
	15.8%
solution to exchange TMF content	15.8%
solution to exchange TMF content We don't want to provide a solution to exchange TMF	
solution to exchange TMF content	
solution to exchange TMF content We don't want to provide a solution to exchange TMF	
we don't want to provide a solution to exchange TMF content, we provide API's support exchange of TMF content	
we don't want to provide a solution to exchange TMF content, we provide API's support exchange of TMF content We don't see added value compared to our existing	7.9%
we don't want to provide a solution to exchange TMF content, we provide API's support exchange of TMF content	
we don't want to provide a solution to exchange TMF content, we provide API's support exchange of TMF content We don't see added value compared to our existing	7.9%
we don't want to provide a solution to exchange TMF content, we provide API's support exchange of TMF content We don't see added value compared to our existing	7.9%
we don't want to provide a solution to exchange TMF content, we provide API's support exchange of TMF content We don't see added value compared to our existing	7.9%

Do you plan on (partial or fully) implementing the eTMF-EMS?

Don't Know	55.8% / 77 res
Yes	23.9% / 33 res
We have already implemented it	10.9% / 15 res
No	9.4% / 13 res

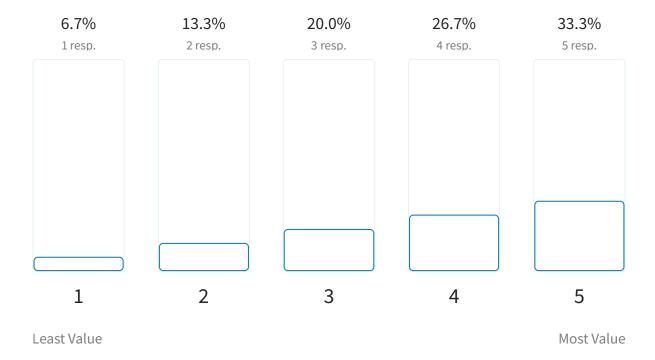
If you have not implemented the EMS, what is your timeframe for implementation?

L	Plan to implement next year or later	30.3% / 10 resp.
2	Dont have a timeframe for implementation	24.2% / 8 resp.
3	Currently implementing	18.2% / 6 resp.
1	Plan to implement as soon as a client asks me	18.2% / 6 resp.
5	Plan to implement this year	9.1% / 3 resp.

What would be the overall value to your organization if you were to use the eTMF-EMS to transfer interim TMF content?

15 out of 138 answered

3.7 Average rating



What specific value would this use case bring to your organization?

improve quality / compliance	80.0% / 12 re
save time	66.7% / 10 re
improve satisfaction	26.7% / 4 re
save money	26.7% / 4 re
reduce headcount	20.0% / 3 re
Other	0.0% / 0 re

Which part(s) of the organization would gain business value for this use case?

1	Clinical Operations	93.3% / 14 resp.
2	TMF Management	86.7% / 13 resp.
_		
3	Regulatory	46.7% / 7 resp.
J		
4	Information Technology	20.0% / 3 resp.
_		
5	Other	6.7% / 1 resp.
J		

Who is the decision-maker for implementing a solution for this use case?

Senior management / leadership	80.0% / 12 r
TMF Management	46.7% / 7 r
Information Technology	26.7% / 4 r
Clinical Operations	20.0% / 3 r
Regulatory	6.7% / 1 r
Other	0.0% / 0 m

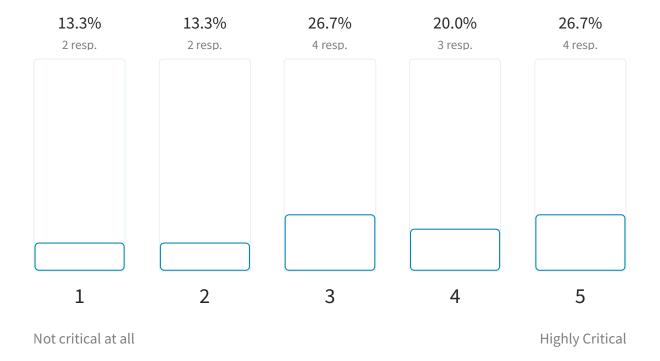
How do you currently do interim transfers of TMF content?

3% / 5
3% / 5 i
3% / 5
0% / 3
0% / 0
J 70

How critical would this use case be to the selection of an eTMF system or CRO?

15 out of 138 answered

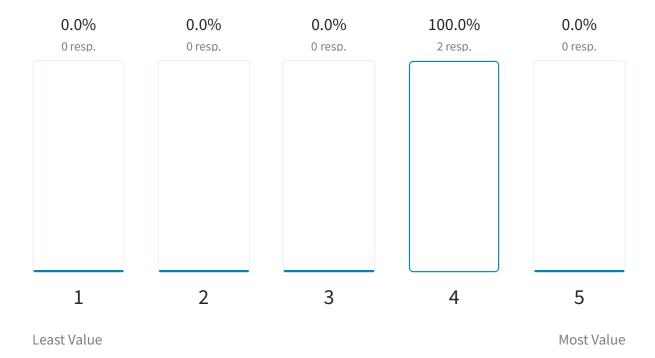
3.3 Average rating



...What would be the overall value to your organization if you were to use the eTMF-EMS to migrate TMF records to a new CRO?

2 out of 138 answered

4.0 Average rating



What specific value would this use case bring to your organization?

improve quality / compliance	50.0% / 1 r
reduce headcount	50.0% / 1 r
save time	50.0% / 1 r
improve satisfaction	0.0% / 0 r
save money	0.0% / 0 r
Other	0.0% / 0 r
Other	

Which part(s) of the organization would gain business value for this use case?

TMF Management	100.0% / 2 resp
Clinical Operations	50.0% / 1 resp
Information Technology	50.0% / 1 resp
Regulatory	50.0% / 1 resp

Who is the decision-maker for implementing a solution for this use case?

Senior management / leadership	50.0% / 1
TMF Management	50.0% / 1
Clinical Operations	0.0% / 0 1
Information Technology	0.0% / 0 1
Regulatory	0.0% / 0 r
Other	0.0% / 0 1

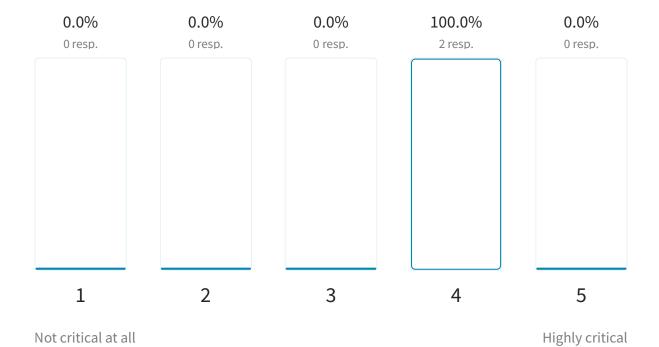
How do you currently migrate TMF records to a new CRO?

We typically provide paper records to the CRO Don't know We extract the records into a folder structure based on our own filing structure with an Excel file containing all of the metadata	50.0%
Don't know We extract the records into a folder structure based on our own filing structure with an Excel file containing all of the	0.0%
We extract the records into a folder structure based on our own filing structure with an Excel file containing all of the	
own filing structure with an Excel file containing all of the	
	0.0%
We send electronic files via email	0.0%
We upload records and metadata directly into the CROs eTMF system	0.0%

How critical would this use case be to the selection of an eTMF system or CRO?

2 out of 138 answered

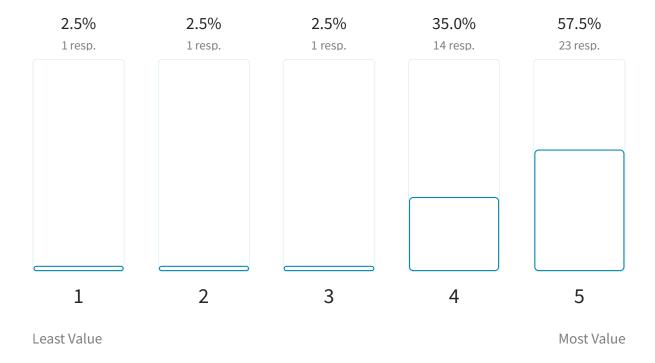
4.0 Average rating



What would be the overall value to your organization if you were to use the eTMF-EMS to transfer final TMF content from CRO to Sponsor?

40 out of 138 answered

4.4 Average rating



What specific value would this use case bring to your organization?

improve quality / compliance	87.5% / 35 res
save time	77.5% / 31 res
save money	45.0% / 18 res
improve satisfaction	30.0% / 12 res
reduce headcount	20.0% / 8 res
Other	2.5% / 1 res

Which part(s) of the organization would gain business value for this use case?

L	Clinical Operations	85.0% / 34 resp.
L		
2	TMF Management	82.5% / 33 resp.
3	Information Technology	32.5% / 13 resp.
1	Regulatory	32.5% / 13 resp.
5	Other	2.5% / 1 resp.

Who is the decision-maker for implementing a solution for this use case?

Senior management / leadership	72.5 % / 29 rd
Clinical Operations	37.5 % / 15 rd
TMF Management	37.5% / 15 rd
Information Technology	30.0% / 12 rd
Regulatory	5.0% / 2 rd
Other	0.0% / 0 rd

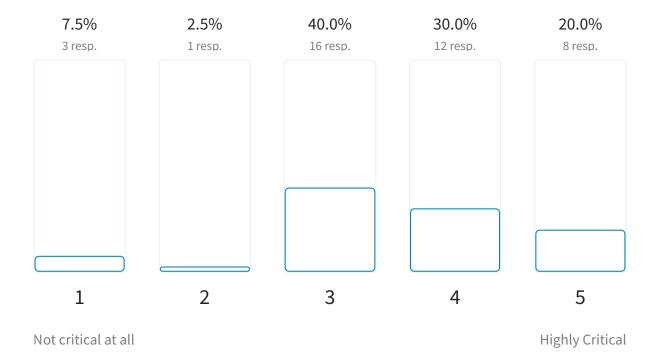
How are final transfers of the eTMF from CRO to Sponsor currently performed?

CRO sends content by file transfer and sponsor enters	50.50/
content manually into eTMF	52.5% / 21 res
CRO enters content manually into Sponsor eTMF	20.0% / 8 re
Content is automatically transferred via an integration	
between CRO and sponsor	15.0% / 6 re
Other	22.5% / 9 re

How critical would this use case be to the selection of an eTMF system or CRO?

40 out of 138 answered

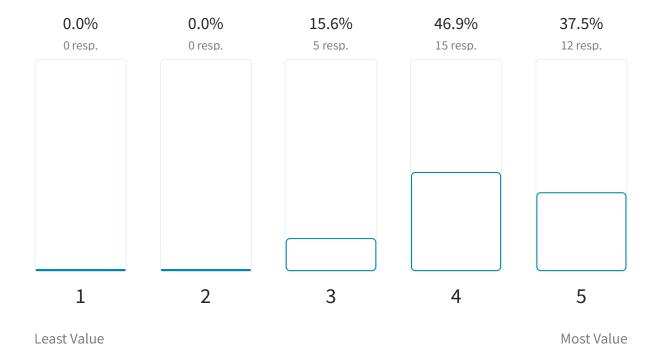
3.5 Average rating



What would be the overall value to your organization if you were to use the eTMF-EMS to archive TMF content and metadata?

32 out of 138 answered

4.2 Average rating



What specific value would this use case bring to your organization?

improve quality / compliance	78.1% / 25 resp.
save time	78.1% / 25 resp.
improve satisfaction	40.6% / 13 resp
save money	31.2% / 10 resp.
reduce headcount	15.6% / 5 resp.
Other	0.0% / 0 resp.

Which part(s) of the organization would gain business value for this use case?

1	Clinical Operations	75.0% / 24 resp.
•		
2	TMF Management	75.0% / 24 resp.
3	Information Technology	53.1% / 17 resp.
4	Regulatory	31.2% / 10 resp.
5	Other	3.1% / 1 resp.

Who is the decision-maker for implementing a solution for this use case?

Senior management / leadership	65.6% / 21 r
TMF Management	56.2% / 18 r
Information Technology	43.8% / 14 r
Clinical Operations	31.2% / 10 r
Regulatory	9.4% / 3 r
Other	0.0% / 0 r

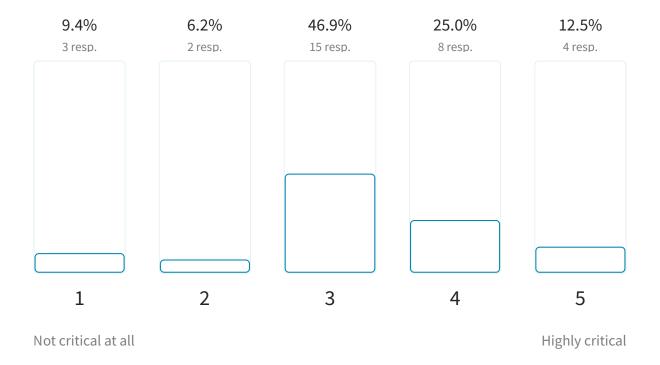
How do you currently do you currently archive TMF content and metadata?

We have developed our own archive function	40.6 % / 13 resp.
We use our eTMF native archive function	34.4 % / 11 resp.
We are not currently archiving TMF content	18.8% / 6 resp.
Other	6.2% / 2 resp.

How critical would this use case be to the selection of an eTMF system or CRO?

32 out of 138 answered

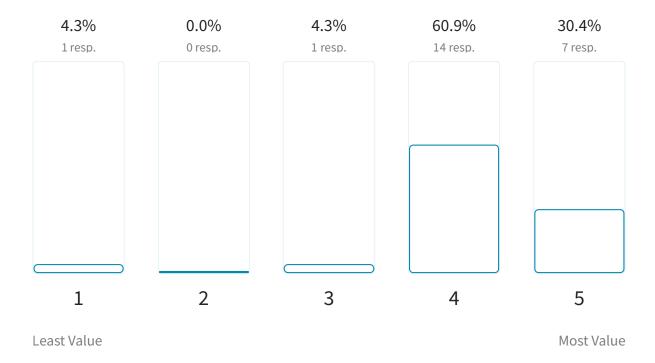
3.2 Average rating



What would be the overall value to your organization if you were to use the eTMF-EMS to migrate TMF content after an acquisition?

23 out of 138 answered

4.1 Average rating



What specific value would this use case bring to your organization?

improve quality / compliance	95.7% / 2
save time	82.6% / 1
save money	47.8% / 1
improve satisfaction	39.1% /
reduce headcount	26.1% /
Other	0.0% /

Which part(s) of the organization would gain business value for this use case?

TMF Management	87.0% / 20 resp.
Clinical Operations	78.3% / 18 resp.
Regulatory	47.8% / 11 resp.
Information Technology	39.1% / 9 resp.
Other	0.0% / 0 resp.

Who is the decision-maker for implementing a solution for this use case?

Senior management / leadership	78.3% / 18 resp
TMF Management	56.5% / 13 resp
Information Technology	52.2% / 12 resp
Clinical Operations	21.7% / 5 resp
Regulatory	13.0% / 3 resp
Other	0.0% / 0 resp

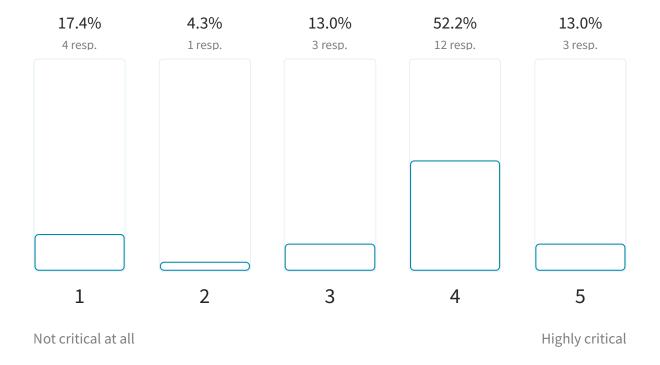
How have you migrated TMF content in the past after an acquisition?

We archived the content and didn't migrate it	30.4% / 7 re
We mapped the content from the source system and then	
loaded it into our system	26.1% / 6
We manually uploaded to our eTMF document by	
document	17.4% / 4
Don't know as we have not done any acquisitons	4.3% / 1
We had an integration with the source and destination	
system which allowed us to transfer the content	4.3% / 1
Other	17.4% / 4

How critical would this use case be to the selection of an eTMF system or CRO?

23 out of 138 answered

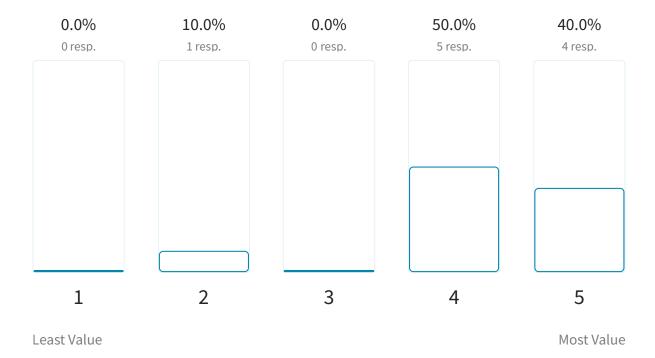
3.4 Average rating



What would be the overall value to your organization if you were to transport records after upgrading/changing an eTMF system?

10 out of 138 answered

4.2 Average rating



What specific value would this use case bring to your organization?

improve quality / compliance	90.0% / 9 resp
save time	70.0% / 7 res
improve satisfaction	60.0% / 6 res
save money	40.0% / 4 res
reduce headcount	20.0% / 2 res
Other	0.0% / 0 res

Which part(s) of the organization would gain business value for this use case?

1	Clinical Operations	100.0% / 10 resp.
2	TMF Management	80.0% / 8 resp.
3	Information Technology	20.0% / 2 resp.
4	Regulatory	20.0% / 2 resp.
5	Other	0.0% / 0 resp.

Who is the decision-maker for implementing a solution for this use case?

Senior management / leadership	80.0% / 8 re
Clinical Operations	50.0% / 5 rd
Information Technology	30.0% / 3 r
TMF Management	30.0 % / 3 ro
Regulatory	0.0% / 0 r
Other	0.0% / 0 rd

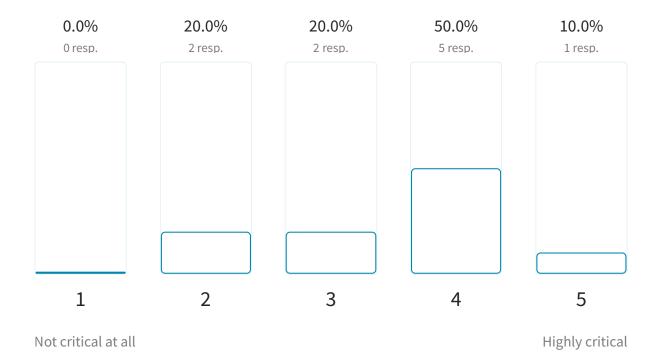
If you have already upgraded/changed eTMF system, how did you migrate the content?

We have not upgraded or changed our eTMF system	40.0% / 4 resp.
It was migrated by our eTMF vendor for us	20.0% / 2 resp.
We had to manually migrate content	20.0% / 2 resp.
We were able to map the old system to the new and	
automatically migrate content	20.0% / 2 resp.
Other	0.0% / 0 resp.

How critical would this use case be to the selection of an eTMF system or CRO?

10 out of 138 answered

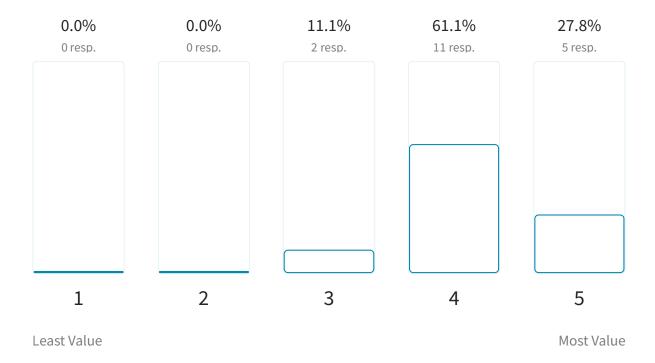
3.5 Average rating



What would be the overall value to your organization if you were to use the eTMF-EMS to transfer Sponsor TMF content to and from a Study Site?

18 out of 138 answered

4.2 Average rating



What specific value would this use case bring to your organization?

92 206 /15
92 206 /15
83.3% / 15
44.4% / 8
33.3% / 6
0.0% / 0
0.0% / 0

Which part(s) of the organization would gain business value for this use case?

1	Clinical Operations	94.4% / 17 resp.
2	TMF Management	77.8% / 14 resp.
3	Regulatory	38.9% / 7 resp.
4	Information Technology	5.6% / 1 resp.
5	Other	0.0% / 0 resp.

Who is the decision-maker for implementing a solution for this use case?

Senior management / leadership	72.2 % / 13 re
Clinical Operations	50.0% / 9 re
TMF Management	33.3 % / 6 r
Information Technology	22.2% / 4 re
Regulatory	5.6% / 1 re
Other	0.0% / 0 rd

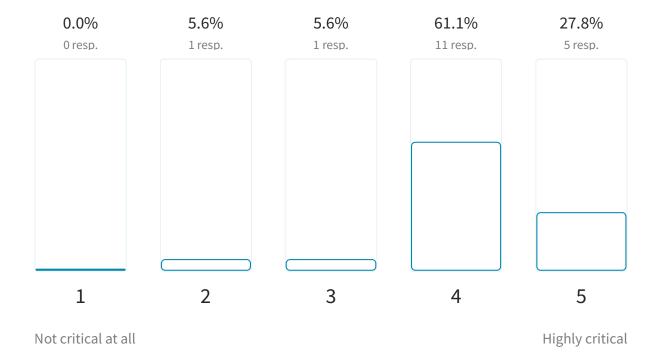
How do you currently transfer sponsor TMF content to and from study sites?

We send and receive it via email	55.6% / 10 res
We use the sites/sponsors own system to provide and	
retrieve content	22.2% / 4 res
We have an integrated site portal in our eTMF which allows	
us to send and receive content	11.1% / 2 res
We have site/sponsor send paper copies via messenger	
service	5.6% / 1 res
Other	5.6% / 1 res
	3.3 / 0 / 11es

How critical would this use case be to the selection of an eTMF system or CRO?

18 out of 138 answered

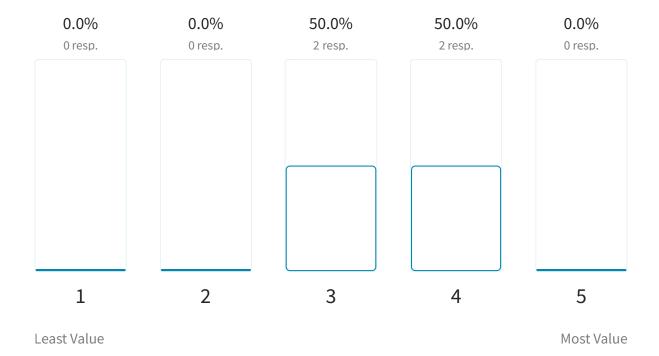
4.1 Average rating



What would be the overall value to your organization if you were to use the eTMF-EMS to transfer interim TMF content?

4 out of 138 answered

3.5 Average rating



What specific value would this use case bring to your organization?

improve quality / compliance	75.0% / 3 re
save time	75.0% / 3 re
improve satisfaction	0.0% / 0 rd
reduce headcount	0.0% / 0 rd
save money	0.0% / 0 rd
Other	0.0% / 0 rd

Which part(s) of the organization would gain business value for this use case?

Clinical Operations	100.0% /
TMF Management	75.0% /
Information Technology	0.0% /
Regulatory	0.0% /
Other	0.0% /

Who is the decision-maker for implementing a solution for this use case?

Senior management / leadership	75.0% / 3
TMF Management	50.0% / 2
Clinical Operations	25.0% / 1
Information Technology	25.0% / 1
Regulatory	0.0% / 0
Other	0.0% / 0

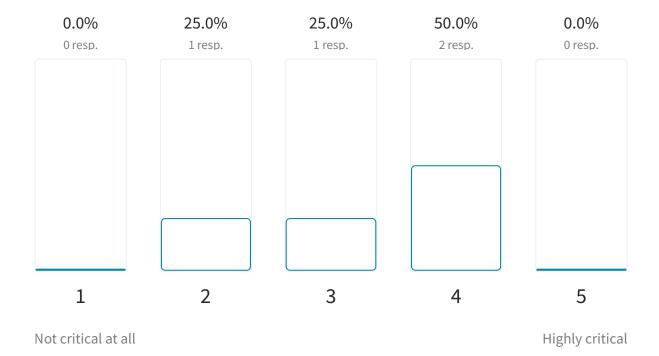
How do you currently do interim transfers of TMF content?

We have an integration with the destination system	50.0% /
We send it via email	25.0 % /
We upload it into the destination system manually	25.0 % /
We don't do interim transfers	0.0% /
Other	0.0% /

How critical would this use case be to the selection of an eTMF system or CRO?

4 out of 138 answered

3.2 Average rating



What would be the overall value to your organization if you were to use the eTMF-EMS to transfer interim TMF content?

out of 138 answered

Nobody answered this question yet

What specific value would this use case bring to your organization?

0 out of 138 answered

Nobody answered this question yet

Which part(s) of the organization would gain business value for this use case?

0 out of 138 answered

Nobody answered this question yet

Who is the decision-maker for implementing a solution for this use case?

0 out of 138 answered

Nobody answered this question yet

How do you currently do interim transfers of TMF content?

0 out of 138 answered

Nobody answered this question yet

How critical would this use case be to the selection of an eTMF system or CRO?

out of 138 answered

Nobody answered this question yet

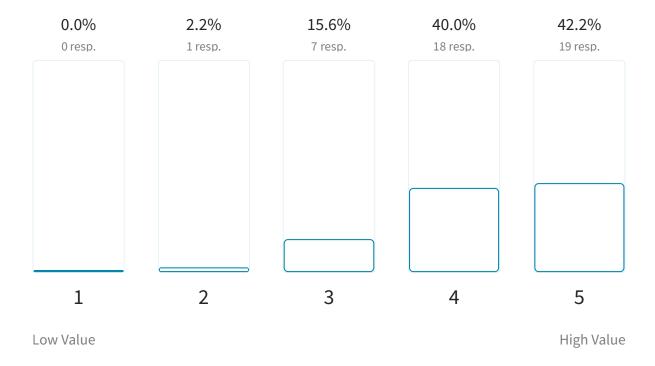
Do you think this use case will bring value to your customers?

Yes	84.9% / 45 resp.
I do not know	13.2% / 7 resp.
No	1.9% / 1 resp.

How would you rate the overall value your clients would realize by using the eTMF-EMS to automatically index and file content that is transferred to them?

45 out of 138 answered

4.2 Average rating



For this use case what is the most important value it would bring to your clients?

improve quality / compliance	90.6% / 48
save time	69.8% / 37
save money	47.2% / 25
reduce headcount	5.7% / 3
Other	0.0% / 0

Which part(s) of your clients organization would gain the most business value for this use case?
53 out of 138 answered

TMF Management	88.7% / 47 resp.
Clinical Operations	56.6% / 30 resp.
Regulatory	37.7% / 20 resp.
Information Technology	11.3% / 6 resp.
Other [1.9% / 1 resp.

Who is the decision-maker in your organization for developing a solution for this use case?
53 out of 138 answered

Senior management / leadership	79.2% / 42 resp.
eTMF Product Owner	26.4% / 14 resp.
Product Management	17.0% / 9 resp.
R&D Team	1.9% / 1 resp.
Other	3.8% / 2 resp.

How do most of your clients load and index content transferred into your system?

They use a custom int	egration between the source and	
destination systems to	automatically import, index, and	
file content		34.0% / 1
They tend to use othe	r exchange standards to import,	
index and file content	. ,	11 20/
index and file content		11.3% /

Do you believe that you would increase your chance of winning new clients if you offered the possibility of doing automated indexing using the eTMF-EMS?

53 out of 138 answered

Yes	90.6% / 48
No	9.4% / 5

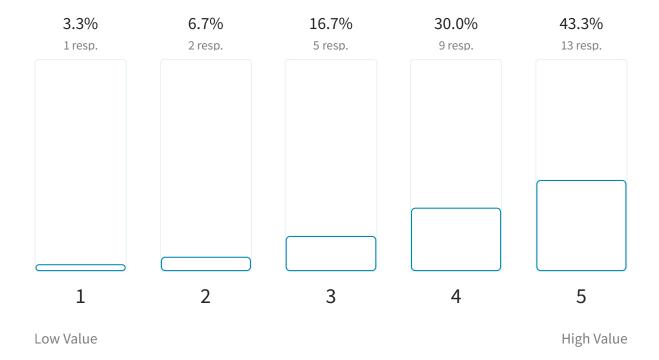
Do you think this use case will bring value to your customers?

Yes	85.7% / 30 resp.
I do not know	11.4% / 4 resp.
No	2.9% / 1 resp.

How would you rate the overall value your clients would realize by using the eTMF-EMS to migrate a complete study TMF as a batch without mapping filing structures or metadata?

30 out of 138 answered

4.0 Average rating



For this use case what is the most important value it would bring to your clients?

save time	70.3% / 26
improve quality / compliance	64.9% / 24
save money	59.5% / 22
reduce headcount	18.9% / 7
Other	2.7% / 1

Which part(s) of your clients organization would gain the most business value for this use case? 37 out of 138 answered

TMF Management	91.9% / 34 resp.
Clinical Operations	56.8% / 21 resp.
Information Technology	43.2% / 16 resp.
Regulatory	18.9% / 7 resp.
Other	2.7% / 1 resp.

Who is the decision-maker in your organization for developing a solution for this use case?

Senior management / leadership	75.7% / 28 res
eTMF Product Owner	48.6% / 18 res
Product Management	27.0% / 10 res
R&D Team	2.7% / 1 res
Other	0.0% / 0 res

How does your system currently allow clients to migrate TMF content?

	It is semi-automated through tools that we provide, but	
1	still requires a certain amount of human input	59.5 % / 22 resp.
2	It is manually uploaded and indexed	24.3% / 9 resp.
3	We are able to leverage advanced migration tools and AI/ML to automate the vast majority of each migration	8.1% / 3 resp.
4	Other	8.1% / 3 resp.

Do you believe that allowing clients to quickly migrate TMFs with minimal human input due to the use of the eTMF-EMS would give you a competitive edge in the market?

37 out of 138 answered

10.8% / 4 resp.

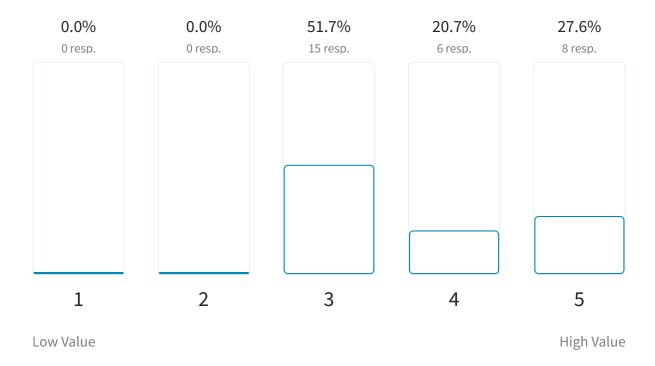
Do you think this use case will bring value to your customers?

L	Yes	76.3% / 29 resp.
2	I do not know	23.7% / 9 resp.
3	No	0.0% / 0 resp.

How would you rate the overall value your clients would realize by using the eTMF-EMS format for long-term archiving of TMF content?

29 out of 138 answered

3.8 Average rating



For this use case what is the most important value it would bring to your clients?

1	improve quality / compliance	65.8% / 25 resp.
2	save time	44.7% / 17 resp.
3	save money	36.8% / 14 resp.
4	reduce headcount	18.4% / 7 resp.
5	Other	0.0% / 0 resp.

Which part(s) of your clients organization would gain the most business value for this use case?

38 out of 138 answered

1	TMF Management	92.1% / 35 resp.
2	Clinical Operations	44.7 % / 17 resp.
3	Information Technology	23.7% / 9 resp.
4	Regulatory	23.7% / 9 resp.
5	Other	5.3 % / 2 resp.

Who is the decision-maker in your organization for developing a solution for this use case?

38 out of 138 answered

1	Senior management / leadership	73.7% / 28 resp.
2	eTMF Product Owner	28.9% / 11 resp.
3	Product Management	15.8% / 6 resp.
4	R&D Team	2.6% / 1 resp.
5	Other	2.6% / 1 resp.

 $How \ do \ your \ clients \ currently \ request \ extracts \ to \ archive \ TMF \ content \ within \ your \ system?$

system	36.8% / 1
We provide customers with an extract based on our	
standard specification	28.9% / 1
We have to provide clients with an extract for archiving	
which follows thier specifications	26.3% / 1
Other	7.9% /

Do you typically see the eTMF-EMS being leveraged as a format for archive extracts in the future?

38 out of 138 answered

1	Yes	63.2% / 24 resp	
2	No	36.8% / 14 resp	
2			

Would you like to receive a copy of the survey results?

1	Yes	80.4% / 111 resp.	
2	No	19.6% / 27 resp.	
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