

User Survey 2012

October, 2012

Prepared for:



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Background And Objectives

- International Registry of Mobile Assets launched March 2006.
- Once established, it was decided to conduct a User Establishment Survey during May 2007, the objectives of which were:
 - To understand how different features and usability levels were rated, and relative importance of each.
 - To understand Users' priorities for updating the Registry features.
 - To understand what the perception was as to the cost of usage versus its worth to their organisation.
 - To initiate a repeatable annual benchmark survey.
- Having addressed the key issues emerging from the 2007 exercise, decided to repeat the survey in 2008 and again in 2009, 2010, 2011 and 2012, with a view to assessing the state of play year on year.



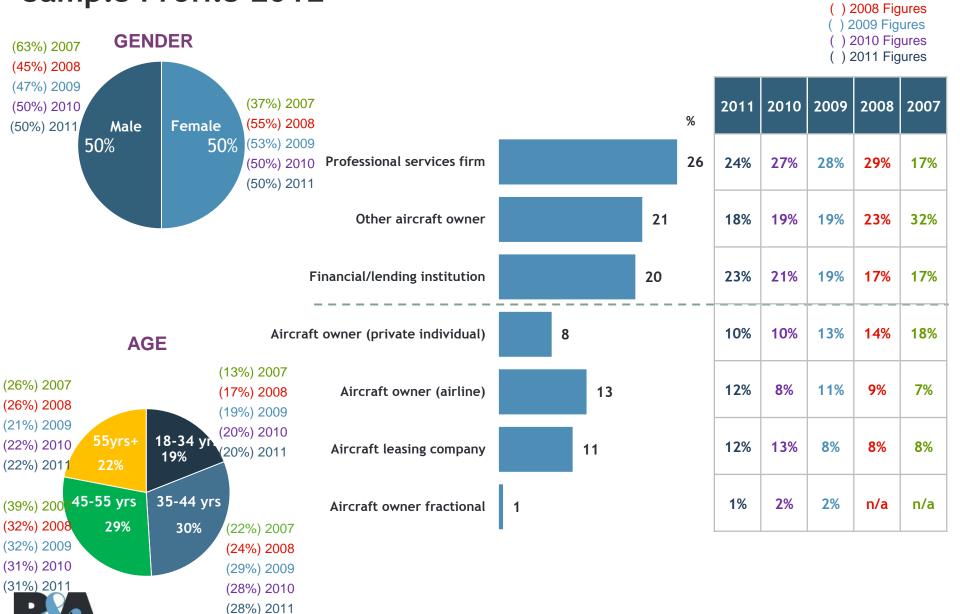


Methodology

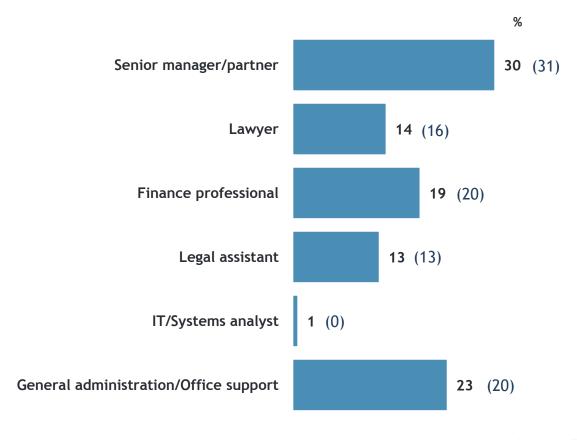
- Online survey of Registry users, by way of structured questionnaire.
- Potential respondents initially contacted by Aviareto, with survey rationale explained.
- Questionnaire mailed to total contact sample of 2,468 users.
- Total achieved sample of 349 users (402 users in 2011, 356 users in 2010, 371 in 2009, 308 in 2008; 339 in 2007), representing a response rate of 14% at the upper end of response rates for a survey of this nature.
- The interviews were completed in English, Spanish and French.
- Fieldwork took place between 11th September 17th October, 2012.
- Incentive offered for the first time in 2009 (3 x draws for \$250 Amazon voucher), and again in 2010, 2011 and 2012.
- N.B., in 2012, "Montreal Helpdesk Staff" attributes were amended to read simply "Helpdesk Staff" in all instances.







() 2007 Figures



() 2011 Figures



Social Media Usage

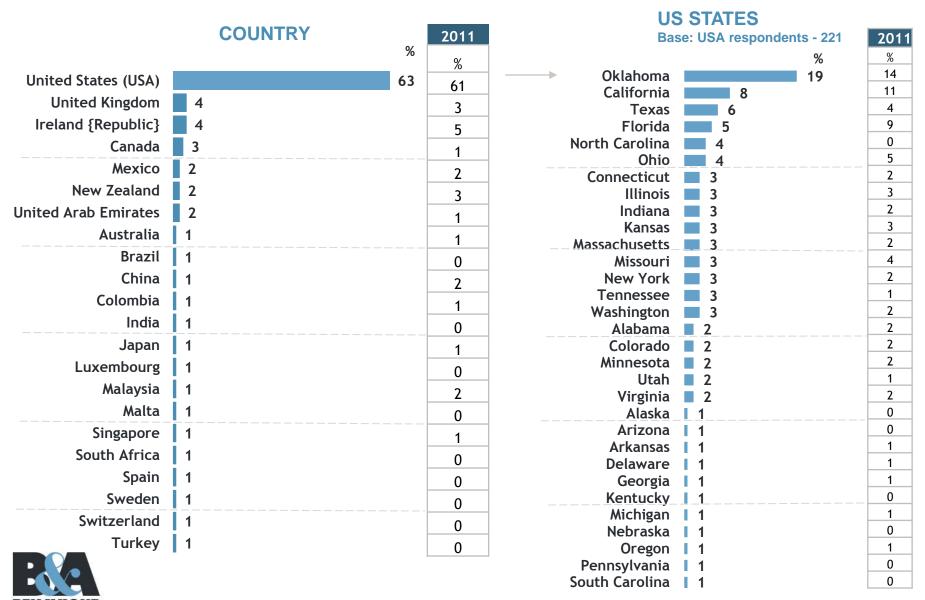
	Total	Ge	nder	Age					
		Male	Female	18-44	45-54	55+			
Base:	349	176	173	170	102	77			
	%	%	%	%	%	%			
Facebook	52 (51)	45	60	63	50	32			
Linkedin	43 (41)	47	38	44	47	35			
Twitter	16 (11)	16	16	22	15	5			
Other	4 (3)	3	5	4	7	3			
None	32 (31)	36	29	26	29	51			
Any Facebook/Linkedin	66 (66)	61	70	72	68	48			
Any Facebook/Linkedin/Twitter	68 (69)	65	71	74	72	49			



Social Media Usage

				Organ		Role in the organisation						
	Total	Airline	Private	Owner	Lease company	Fin inst.	Prof firm	Senior manager/ partner	Law	Finance profession al	General	
Base:	349	46	28	76	39	71	89	103	96	66	84	
	%	%	%	%	%	%	%	%	%	%	%	
Facebook	52	57	25	46	59	59	56	47	58	48	56	
Linkedin	43	46	36	46	49	44	37	50	43	50	29	
Twitter	16	26	7	11	23	8	21	16	19	15	14	
Other	4	2	-	7	5	1	7	4	5	3	5	
None	32	33	50	36	26	27	31	35	28	30	36	





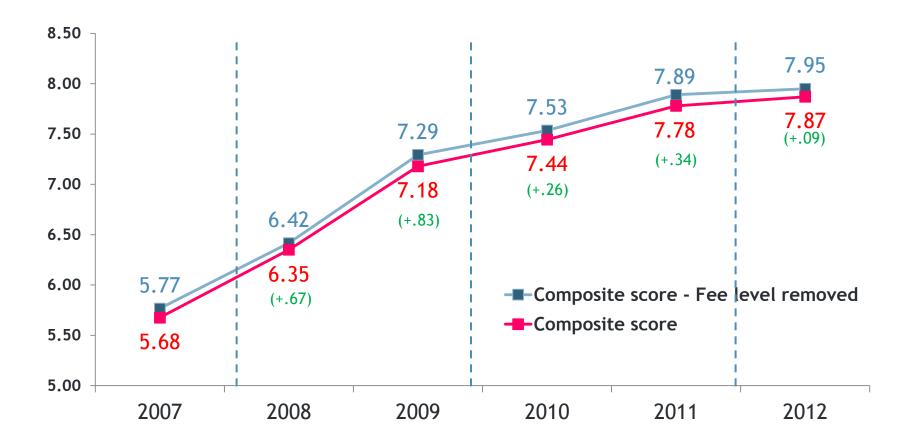
Key Service Aspects: Relative Contribution Towards Worth Of Registry To Business (Pearson's Correlations) 2012

(Pearson's Correlat	2011	2010	2009	2008	2007		
Fit of Registry and business functionality		0.81	0.76	0.78	0.83	0.8	n/a
Overall ease of use of the Registry		0.73	0.64	0.73	0.67	0.67	0.71
Speed of refunds		0.66	0.39	0.51	0.56	0.48	0.47
Level of fee charged		0.65	0.6	0.69	0.74	0.7	0.67
*Availability of Registry Officials		0.64	0.55	0.51	0.38	0.52	0.55
Reliability of technical aspects of the Registry		0.64	0.5	0.64	0.58	0.52	0.59
Speed of approval for new Administrators/Users		0.64	0.42	0.53	0.45	0.59	0.49
Speed of Registry during use		0.62	0.45	0.59	0.56	0.56	0.57
**Availability of helpdesk staff		0.60	0.47	0.45	0.44	0.53	0.48
Technical knowledge of Registry Officials regarding the Registry.		0.58	0.47	0.62	0.48	0.56	0.52
Quality of information sent to you from the Registry Officials		0.56	0.55	0.62	0.57	0.52	0.56
**Efficiency of resolution of queries by Registry Officials		0.56	0.44	0.61	0.49	0.6	0.58
Efficiency of resolution of queries by help desk staff	0.	.52	0.47	0.4	0.36	0.47	0.49
Registry Officials language skills	0.4	19	0.42	0.44	0.36	0.35	0.36
Efficiency of credit card transactions	0.4	19	0.37	0.45	0.5	0.42	0.37
**Technical knowledge of help desk staff regarding the Registry	0.47	7	0.47	0.34	0.34	0.45	0.51
**Helpdesk language skills	0.43		0.38	0.27	0.34	0.32	n/a

*NB 2011-2009 refers to Registry Officials in Dublin **N.B. 2011-2009 refers to Montreal Helpdesk staff

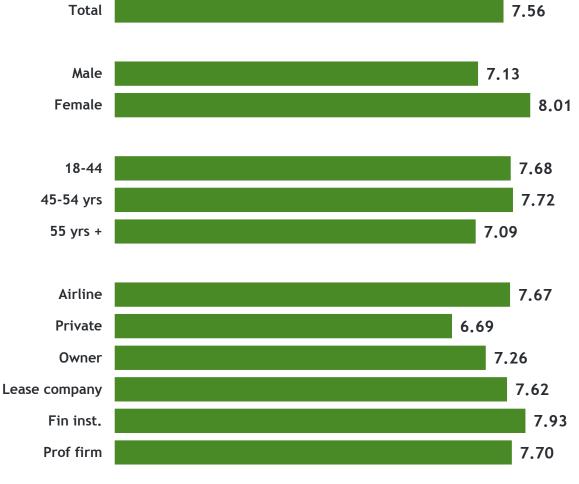
The closer the Pearson's correlation is to 1.0, the stronger the factor is as a driver of overall satisfaction. All correlations have increased year on year, a function of increased familiarity with all aspects of the Registry, and the extent to which each is of worth to their business. Speed of refunds and speed of approval for new administrators/users do seem to have increased in importance this year compared to previous years, with speed of refunds presumably more important to businesses due to the continuing challenging economic climate.

Overall Weighted Registry Experience Rating



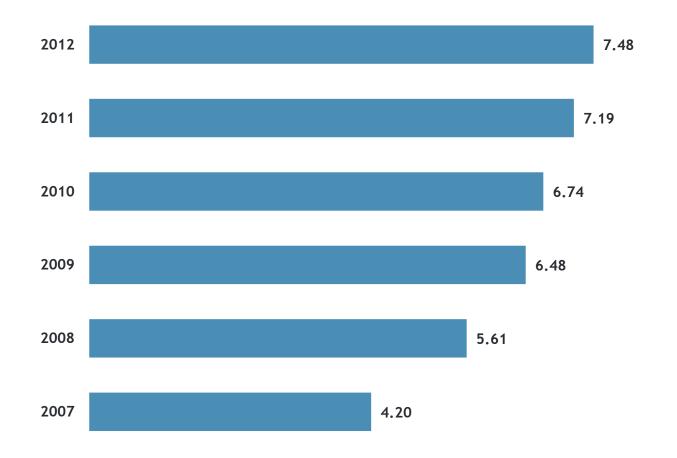


Overall Satisfaction with the Registry - Summary





Overall worth of registry to business: Ten point Rating Scale





The improvement in the perceived overall worth of the Registry to users' businesses is a reflection of the increased levels of satisfaction with the Registry across the full range of service variables. This perceived worth to business rating is likely to settle in at close to 7.7, based on the average rate of increase on this metric over the last four years, and the fact that it is extremely rare for business research respondents to attribute a rating of over 8.0 on any such measures.

Key Service Aspects:Overall Performance Rating (10 Point Scale) 2012 vs 2011 vs 2010 vs 2009

		Mean Perfor	mance Rating	
	2012	2011	2010	2009
The degree to which the functionality of the Registry fits with the way your business functions.	7.18	7.12	6.7	6.42
Overall ease of use of the Registry.	6.89	7.01	6.64	6.52
Speed of refunds	7.74	8.14	7.01	6.69
Level of fee charged.	6.79	6.64	5.51	6.18
*Availability of Registry Officials	8.02	8.08	7.64	7.41
Reliability of technical aspects of the Registry.	7.79	7.89	7.30	7.22
Speed of approval for new Administrators/Users	8.17	8.27	8.09	7.92
Speed of Registry during use.	7.59	7.73	7.17	7.10
**Availability of help desk staff	8.16	7.62	7.46	7.08
Technical knowledge of Registry Officials regarding the Registry	8.38	8.40	8.20	7.86
Quality of information sent to you from the Registry Officials	8.29	8.32	8.11	7.93
Efficiency of resolution of queries by Registry Officials	8.23	8.06	7.82	7.61
**Efficiency of resolution of queries by help desk staff	8.04	7.34	7.01	6.23
Registry Officials' language skills	8.91	8.96	8.76	8.73
Efficiency of credit card transactions.	8.32	8.48	8.22	8.28
**Technical knowledge of help desk staff regarding the Registry	8.10	7.62	7.12	6.27
**Helpdesk language skills	8.87	8.54	8.36	7.98



Significant increase: 2011-2012

Significant increase: 2009-2010

Significant increase: 2010-2011 Significant increase: 2008-2009

*NB 2011-2009 refers to Registry Officials in Dublin **N.B. 2011-2009 refers to Montreal Helpdesk staff

Key Service Aspects:

Overall Performance Rating (10 Point Scale) 2012 vs 2011 vs 2010 vs 2009 vs 2008

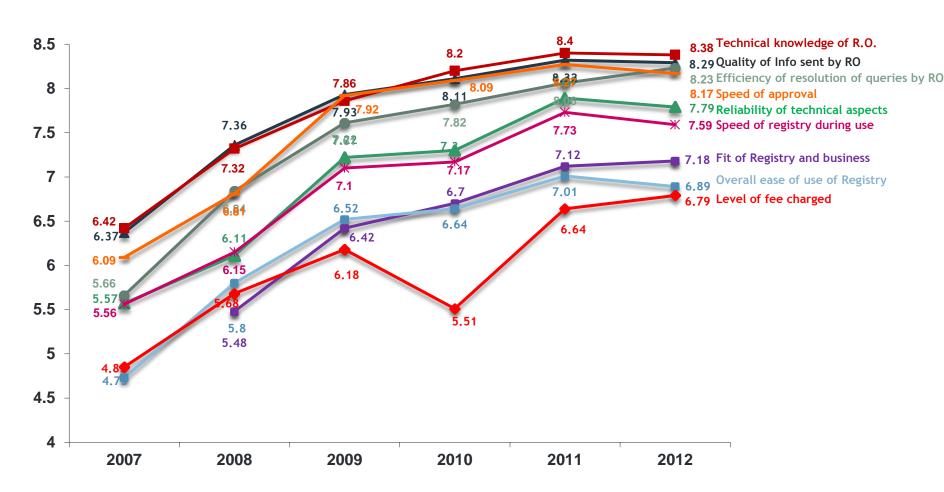
MOST IMPORTANT

	Ме	an Per	forma	nce Ra	ting	% Scoring 1-2			1-2		% Scoring 9-10						% of	No Op	inion		YEAR ON
	2012	2011	2010	2009	2008	2012	2011	2010	2009	2008	2012	2011	2010	2009	2008	2012	2011	2010	2009	2008	YEAR CHANG
																					2012 × 2011
Fit of Registry and business functionality	7.18	7.12	6.70	6.42	5.48	7	7	11	13	24	36	33	29	28	28	3	2	4	6	6	+0.06
Overall ease of use of the Registry	6.89	7.01	6.64	6.52	5.80	9	6	12	12	20	33	27	27	27	19	1	1	2	1	4	-0.12
Speed of refunds	7.74	8.14	7.01	6.69	5.03	2	1	3	3	7	19	21	12	13	4	60	61	66	67	68	-0.40
Level of fee charged	6.79	6.64	5.51	6.18	5.68	8	8	6	11	19	25	24	25	20	18	9	6	7	7	10	+0.1
*Availability of Registry Officials	8.02	8.08	7.64	7.41	6.61	2	2	3	5	10	38	41	35	32	25	22	17	23	22	23	-0.06
Reliability of technical aspects of the Registry	7.79	7.89	7.30	7.22	6.11	5	2	6	5	14	43	39	33	30	22	9	7	12	15	16	-0.10
Speed of approval for new Administrators/Users	8.17	8.27	8.09	7.92	6.81	3	2	2	4	10	49	45	46	46	31	11	11	12	14	12	-0.10
Speed of registry during use	7.59	7.73	7.17	7.10	6.15	5	2	7	7	15	41	43	34	32	25	2	2	23	4	4	-0.14
**Availability of helpdesk staff	8.16	7.62	7.46	7.08	5.92	1	2	22	4	10	45	21	20	18	13	11	52	36	49	44	+0.5
Technical knowledge of Registry Officials regarding the Registry	8.38	8.40	8.20	7.86	7.32	2	1	2	3	7	45	46	41	37	31	21	14	24	25	23	-0.0
Quality of information sent to you by the Registry Officials	8.29	8.32	8.11	7.93	7.36	2	1	1	3	7	54	53	50	48	37	6	5	6	6	9	-0.03
Efficiency of resolution of queries by Registry Officials	8.23	8.06	7.82	7.61	6.84	2	3	3	10	10	47	44	40	15	31	16	11	17	48	19	+0.1
**Efficiency of resolution of queries by help desk staff	8.04	7.34	7.01	6.23	5.02	2	4	6	10	18	46	19	20	15	12	11	49	49	48	44	+0.70
Registry Officials language skills	8.91	8.96	8.76	8.73	8.36	1	0	1	1	2	52	62	55	51	46	26	14	20	21	21	-0.0
Efficiency of credit card transactions	8.32	8.48	8.22	8.28	7.52	3	1	2	1	5	49	53	50	49	41	13	10	12	15	15	-0.16
**Technical knowledge of help desk staff regarding the Registry	8.10	7.62	7.12	6.27	5.11	3	3	3	9	15	44	19	20	16	10	14	52	54	49	47	+0.4
**Helpdesk language skills	8.87	8.54	8.36	7.98	7.35	1	0	1	1	4	54	28	27	22	23	22	55	55	54	48	+0.3



*NB 2011-2009 refers to Registry Officials in Dublin **N.B. 2011-2009 refers to Montreal Helpdesk staff

Key Service Aspects: Overall Performance Rating (Ten Point Scale)





Key Service Aspects: Overall Performance Rating (Ten Point Scale)



Satisfaction With The Registry X Key User Groupings: Ten Point Rating Scale

	- 0-11	GEN	NDER		AGE				ORGAN	ISATION		
	TOTAL 2012	Male	Female	18-44	45-54	55+	Airline	Private Aircraft Owner	Other Aircraft Owner	Leasing Company	Fin. Inst	Prof Services Firm
Base:	349	176	173	170	102	77	46	28	76	39	71	89
The degree to which the functionality of the Registry fits with the way your business functions.	7.18	6.74	7.64	7.35	7.30	6.64	7.51	6.48	6.55	6.87	7.63	7.51
Overall ease of use of the Registry.	6.89	6.33	7.46	7.14	6.72	6.55	7.20	5.96	6.39	6.67	7.08	7.35
Speed of refunds	7.74	7.08	8.31	7.66	8.07	7.46	8.13	7.25	7.55	7.09	7.79	7.94
Level of fee charged.	6.79	6.25	7.35	6.76	6.95	6.66	6.43	6.28	6.87	6.76	6.80	7.07
*Availability of Registry Officials	8.02	7.70	8.37	8.20	7.79	7.90	8.36	7.56	7.77	7.63	8.07	8.30
Reliability of technical aspects of the Registry.	7.79	7.63	7.96	7.78	7.94	7.63	8.08	7.43	7.63	7.71	8.18	7.62
Speed of approval for new Administrators/Users	8.17	7.88	8.47	8.18	8.40	7.83	8.19	7.86	8.07	7.92	8.30	8.35
Speed of Registry during use.	7.59	7.21	7.97	7.54	7.83	7.36	7.76	7.29	7.46	7.44	8.13	7.31
**Availability of help desk staff	8.16	7.96	8.38	8.29	8.02	8.07	8.62	7.64	8.09	8.10	8.23	8.12
Technical knowledge of Registry Officials regarding the Registry	8.38	8.21	8.57	8.35	8.42	8.40	8.56	7.94	8.48	7.94	8.36	8.52
Quality of information sent to you by the Registry Officials	8.29	7.90	8.68	8.30	8.45	8.08	8.21	7.96	8.31	8.14	8.38	8.42
**Efficiency of resolution of queries by Registry Officials	8.23	7.91	8.56	8.25	8.27	8.13	8.58	7.74	8.38	7.97	8.10	8.26
Efficiency of resolution of queries by help desk staff	8.04	7.84	8.26	8.09	8.03	7.96	8.36	7.61	8.12	8.21	8.15	7.79
Registry Officials' language skills	8.91	8.72	9.13	8.84	9.03	8.93	8.76	8.59	8.84	8.96	8.69	9.30
Efficiency of credit card transactions.	8.32	8.14	8.50	8.32	8.23	8.44	8.63	8.54	8.27	8.05	8.20	8.35
**Technical knowledge of help desk staff regarding the Registry	8.10	7.93	8.27	8.07	8.18	8.05	8.31	7.77	8.26	8.19	8.21	7.82
**Helpdesk language skills	8.87	8.65	9.10	8.83	8.97	8.81	8.77	8.50	8.83	8.80	8.84	9.11
Overall worth of the Registry to my organisation/business.	7.48	6.88	8.11	7.88	7.49	6.57	7.53	5.41	6.77	7.54	8.09	8.10

Aviareto: Strategic Performance Matrix 2012

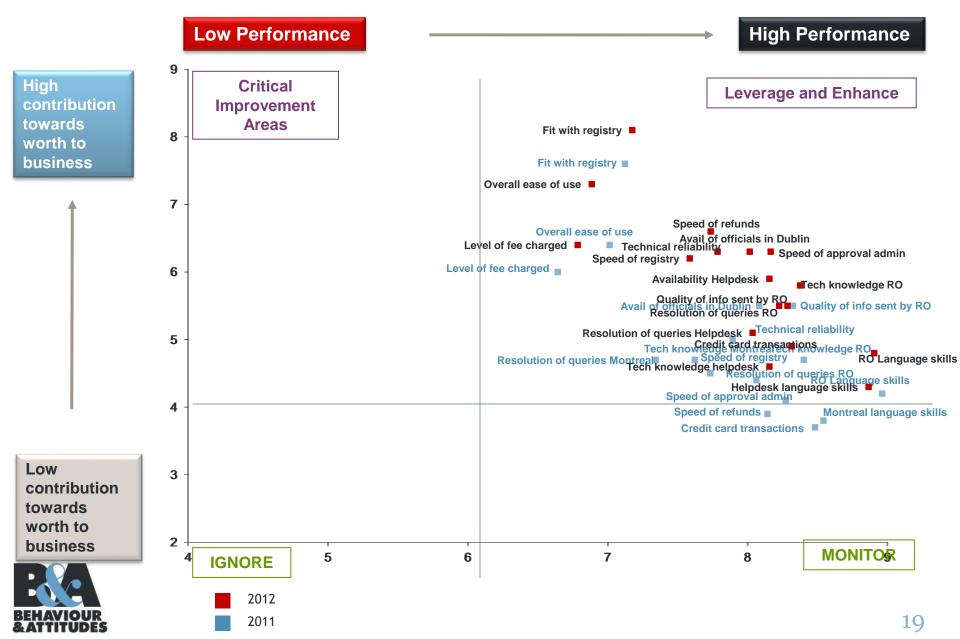
Base: All users

High Performance Low Performance High Critical Leverage and Enhance contribution **Improvement** towards **Areas** Fit with registry 8 worth to **business** Overall ease of use 7 Speed of refunds Avail of officials in Dublin Level of fee charged Technical reliability Speed of approval admin Speed of registry 6 Availability Helpdesk ■ Tech knowledge RO Resolution of queries RO Quality of info sent by RO Resolution of queries Helpdesk 5 **RO Language skills** Credit card transactions Tech knowledge helpdesk ■ Helpdesk language skills ■ 4 Low 3 contribution towards worth to 2 **business** MONITOR 7 5 6 8 **IGNORE**

While all aspects are rated quite well, further improvements can be made in relation to the overall ease of use of the Registry, and levels of fees charged.

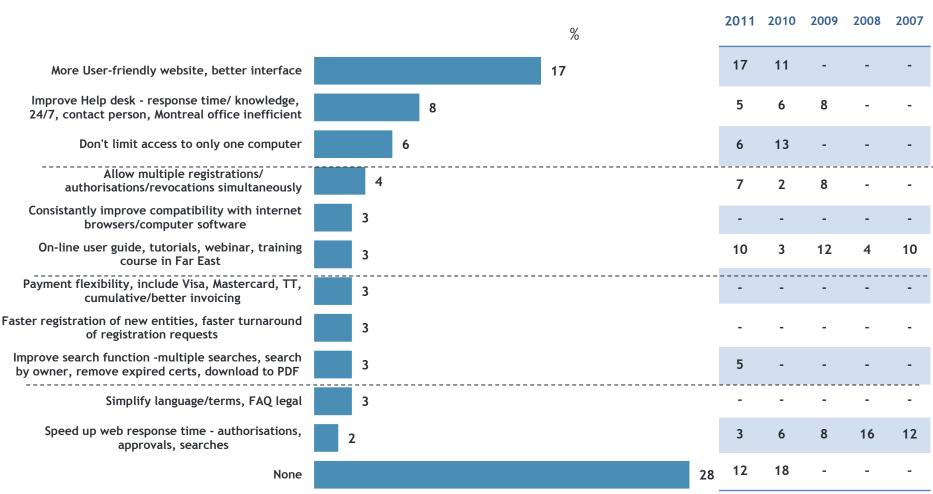
Aviareto: Strategic Performance Matrix 2012 vs 2011

Base: All users



Changes Or Improvements Should Be Made To The Functionality, Service or Support Of The Registry To Make It Easier To Use 2012

Base: All respondents





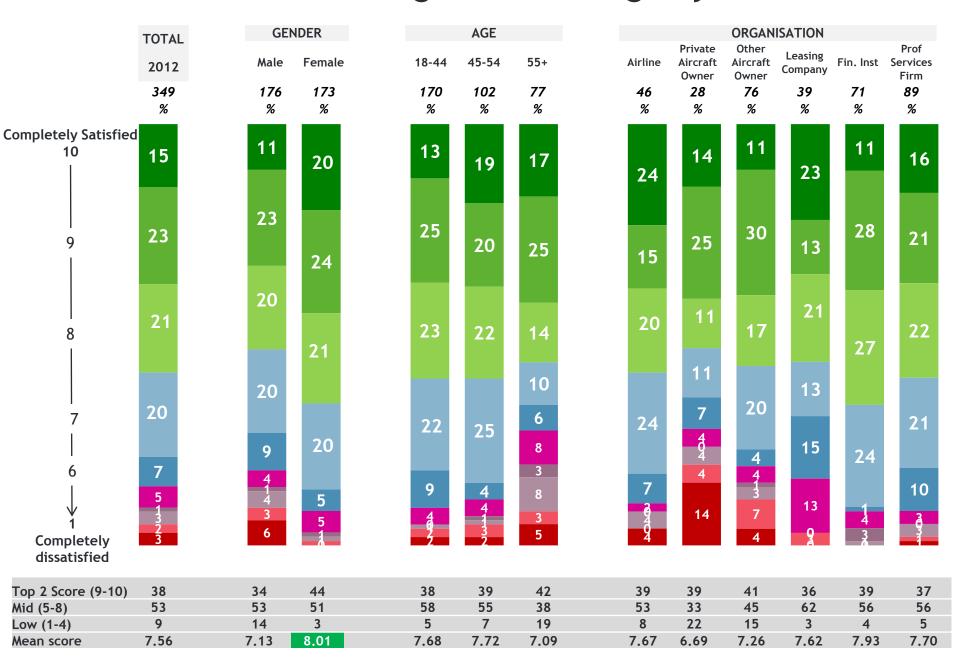
Changes Or Improvements Should Be Made To The Functionality, Service or Support Of The Registry To Make It Easier To Use 2011

Base: All respondents

	TOTAL	GEN	NDER	AGE			ORGANISATION							
	2012	Male	Female	18-44	45-54	55+	Airline	Private Aircraft Owner	Other Aircraft Owner	Leasing Company	Fin. Inst	Prof Services Firm		
Base: All respondents	349	176	173	170	102	<i>77</i>	46	28	76	39	71	89		
	%	%	%	%	%	%	%	%	%	%	%	%		
More User-friendly website, better interface	17	23	10	16	19	16	17	25	28	13	18	6		
Improve Help desk - response time/ knowledge, 24/7, contact person, Montreal office inefficient	8	7	9	9	7	5	15	-	11	5	3	9		
Don't limit access to only 1 computer	6	7	5	6	5	8	13	7	8	3	6	2		
Allow multiple registrations/authorisations/revocations simultaneously	4	3	5	4	4	4	2	-	1	8	8	2		
Consistently improve compatibility with internet browsers/computer software	3	3	4	2	5	4	7	4	5	-	1	3		
On-line user guide, tutorials, webinar, training course in Far East	3	2	3	3	2	3	-	-	4	5	3	2		
Payment flexibility, include Visa, Mastercard, TT, cumulative/better invoicing	3	2	3	2	4	1	-	-	1	5	8	-		
Faster registration of new entities, faster turnaround of registration requests	3	3	2	4	2	-	-	-	4	-	4	3		
Improve search function -multiple searches, search by owner, remove expired certs, download to PDF	3	2	3	4	2	1	4	-	3	10	1	-		
Simplify language/terms, FAQ legal	3	3	2	1	4	4	2	7	5	3	-	1		
None, no comment	28	27	29	24	25	39	28	54	22	15	31	27		



Overall Satisfaction Ratings with the Registry



USA Versus Other Regions: Comparative Analysis

	2009		20	10	20	11	20	12
	USA	Other	USA	Other	USA	Other	USA	Other
The degree to which the functionality of the register fits with the way your business functions	6.20	7.07	6.62	6.91	7.07	7.21	7.29	6.99
Overall ease of use of the Registry	6.49	6.62	6.56	6.86	6.84	7.28	7.00	6.69
Speed of refunds	6.68	6.72	7.01	7.00	8.13	8.15	7.99	7.30
Level of fee charged	6.06	6.53	6.46	6.64	6.70	6.54	7.11	6.23
*Availability of Registry Officials	7.24	7.86	7.44	8.11	8.17	7.95	8.09	7.91
Reliability of technical aspects of the Registry	7.23	7.19	7.19	7.58	7.93	7.83	8.05	7.33
Speed of approval for new administrators/users	7.84	8.15	8.00	8.31	8.37	8.12	8.31	7.95
Speed of registry during use	7.07	7.16	7.10	7.34	7.79	7.63	7.80	7.22
**Availability of helpdesk staff	7.05	7.17	7.21	8.12	7.60	7.66	8.20	8.10
Technical knowledge of helpdesk staff regarding the Registry	6.00	7.18	6.86	7.81	7.65	7.55	8.17	7.98
Quality of information sent to you by the Registry Officials	7.88	8.09	8.10	8.15	8.38	8.22	8.46	8.01
Efficiency of resolution queries by help desk staff	6.02	6.98	6.78	7.65	7.24	7.52	8.10	7.96
**Efficiency of resolution queries by Registry officials	7.50	7.89	7.82	7.80	8.10	7.99	8.37	8.00
Registry official's language skills	8.64	8.99	8.80	8.65	9.01	8.88	9.00	8.76
Efficiency of credit card transactions	8.20	8.49	8.30	8.02	8.59	8.30	8.56	7.93
**Technical knowledge of registry staff regarding the Registry	7.85	7.87	8.25	8.05	8.55	8.16	8.54	8.11
**Montreal helpdesk staff language skills	7.92	8.17	8.27	8.60	8.53	8.56	8.93	8.77
Overall worth of the registry to my organisation/business	6.22	7.29	6.52	7.31	6.94	7.58	7.44	7.56



^{*}NB 2011-2009 refers to Registry Officials in Dublin **N.B. 2011-2009 refers to Montreal Helpdesk staff



- This year's report is based on a total achieved sample of 349 users, equating to a response rate of 14% - in line with the high response rate achieved in previous years studies.
- The profile of the user sample is very much in line with that achieved in 2011, and indeed 2010. Thus, a quarter of all respondents work in professional services firms, a fifth emanate from financial/lending institutions, just over 40% are aircraft owners, with 11% representing aircraft leasing companies.
- More than 6 in 10 of all users are based in the USA, with Oklahoma, California, Texas and Florida the main States represented in the customer base.
- The key drivers of satisfaction with the Registry for 2012 are broadly in line with those identified in previous years, although speed of refunds and speed of approval for new administrators/users have increased in importance this year.



- Key drivers of satisfaction for 2012 are as follows:-
 - Fit of Registry with business functionality.
 - Overall ease of use of the Registry.
 - Speed of refunds.
 - Level of fee charged.
 - Availability of Registry officials.
 - Reliability of technical aspects of the Registry.
- Once all aspects of service are taken into account and a composite Registry
 experience rating derived from the data, 2012 sees the total satisfaction level rise to
 7.87 out of 10 (including fee level), a modest and insignificant rise of .09 on the 2011
 rating.



- It should be noted that an overall service satisfaction rating of just under 7.9 is exceptionally high for business-to-business surveys, given the very high and demanding expectation levels of such respondents.
- This dynamic, coupled with the levelling off the overall satisfaction rating between 2011 and 2012 in particular, would suggest that the overall weighted experience rating is set to plateau at around the 8.0 mark by 2013.
- This is not to say that none of the scores on the tracker is likely to change significantly over the coming years - rather that the rating of <u>specific aspects</u> of service should improve in future years as they are focussed on by Aviareto management throughout the year.
- It will also, of course, be important to maintain the very high scores across such a wide range of service aspects in future years, and the tracker will be of benefit from this perspective also.



- A historical analysis of the overall rating of individual aspects of service since 2008 illustrates that each and every aspect of service improved significantly (based on statistical tests of significance) between 2008 and 2009.
- While most scores improved between 2009 and 2010, the improvements were at a much more modest level, with only a couple registering as statistically significant.
- Between 2010 and 2011, however, a whole range of service aspects improved significantly, most notably speed of refunds, availability of Registry officials in Dublin, speed of registry during use, reliability of technical aspects of the Registry, the fit of the Registry with business functionality, and overall ease of use of the Registry.
- Scores on all of the latter aspects have again settled in 2012, with minor (and not statistically significant) decreases in ratings for speed of refunds, speed of Registry during use, reliability of technical aspects of the Registry, and overall ease of use of the Registry.



- It is recommended that these latter aspects are reviewed over the coming months to ensure that the insignificant declines in satisfaction witnessed in this year's study do not develop into a trend into 2013 and beyond.
- Note, while four service aspects have registered statistically significant improvements between 2011 and 2012, it is the case that these are the very service aspects whose wording has been changed between the two surveys (i.e. Helpdesk variables which previously had been referred to as Montreal Help Desk functions).

As such, we would sound a note of caution in reading too much into these apparent increases in satisfaction, as we are not strictly speaking comparing like with like.



Thank you