

ETRM software providers

Roct	overall	ETRM	nlatform

2017	2016	Vendor
1	3	FIS (SunGard)
2	1	OpenLink
3	2	Allegro Development
4	_	Trayport
5	4	Pioneer Solutions

Regulatory compliance (ie Dodd-Frank, Remit)

2017	2016	Vendor
1	3	Allegro Development
2	2	FIS (SunGard)
3	1	OpenLink
4	_	Pioneer Solutions
5	_	FFFTnet

Best cloud-based CTRM/ETRM system

2017	2016	Vendor
1	_	Aspect Solutions
2	_	Trayport
3	_	FIS
4	_	Allegro Development
5	_	Ignite ETRM

Post-trade services

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2017	2016	Vendor
1	2=	FIS (SunGard)
2	1	OpenLink
3	2=	Allegro Development
4	4	Pioneer Solutions
5	A- (Triple Point Technology

Market risk: oil

2017	2016	Vendor
1	3	FIS (SunGard)
2	1	OpenLink
3	2	Allegro Development
4	_	Lacima Group
5	_	Amphora

Market risk: gas

2017	2016	Vendor
1	3	FIS (SunGard)
2	4	Allegro Development
3	1	Lacima Group
4	2	OpenLink
5	_	Travport

Market risk: power

2017	2016	Vendor
1	1	Lacima Group
2	3	FIS (SunGard)
3	2	OpenLink
4	4	Allegro Development
5	_	Brady

Credit risk

2017	2016	Vendor
l	_	Quantifi
2	4	FIS (SunGard)
3	_	CubeLogic
1	_	Lacima Group
5	2	OpenLink

Oil trading

2017	2016	Vendor
1	1	OpenLink
2	2	Allegro Development
3	4	FIS (SunGard)
4	-	Trayport
5	5	Aspect Solutions

Gas trading

2017	2016	Vendor
1	1	OpenLink
2	3	FIS (SunGard)
3	2	Allegro Development
4	_	Trayport
5	4	Pioneer Solutions

Power trading

2017	2016	Vendor
1	2	FIS (SunGard)
2	1	OpenLink
3	3	Allegro Development
4	_	Trayport
5	_	Brady

Freight trading

2017	2016	Vendor
1	3	OpenLink
2	5=	Allegro Development
3	_	FIS (SunGard)
4	5=	Triple Point Technology
5	_	Brady



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Coal trading		
2017	2016	Vendor
1	_	FIS (SunGard)
2	3=	OpenLink
3	_	Allegro Development
4	_	Trayport
5	3—	Triple Point Technology

Portfolio	management

2017	2016	Vendor
1	3	FIS (SunGard)
2	1	OpenLink
3	2	Allegro Development
4	_	Trayport
5	5	Lacima Group

Ease of implementation

2017	2016	Vendor
1	_	Trayport
2	-	Aspect Solutions
3	-	Pioneer Solutions
4	_	FIS (SunGard)
5	_	ZE PowerGroup

Physical and financial integration

2017	2016	Vendor
1=	1	FIS (SunGard)
1=	2=	Allegro Development
3	_	Triple Point Technology
4	2=	OpenLink
5	4	Pioneer Solutions

Overall ease of using system

2017	2016	Vendor
1	2	Allegro Development
2	3	OpenLink
3	1	Pioneer Solutions
4	4	FIS (SunGard)
5=	-	Drillinginfo (formerly GlobalView)
5=	5	Lacima Group
5=	_	ZE Power

Best knowledge of market in which software operates

2017	2016	Vendor
1	3	FIS (SunGard)
2	2	Allegro Development
3	1	OpenLink
4	4	Lacima
5	_	ZE PowerGroup

Carbon emissions trading

carson constrains		
2017	2016	Vendor
1	_	Trayport
2	_	FIS (SunGard)
3	4	OpenLink
4	3	Allegro Developmen
5	1	Pioneer Solutions

Modelling

IVI	Juening	
20	17 2016	Vendor
1	1	Lacima Group
2	3	FIS (SunGard)
3	. 4	OpenLink
4	- I	Allegro Development
5	2	FEA

Degree of straight-through processing

2017	2016	Vendor
1	2	OpenLink
2	3	FIS (SunGard)
3	1	Allegro Development
4	5	Pioneer Solutions
5	_	Trayport

Widest product coverage

2017	2016	Vendor
1	2	FIS (SunGard)
2	1	OpenLink
3	3	Allegro Development
4	_	Triple Point Technology
5	_	Trayport

Customer support services

2017	2016	venaor
1	1	Pioneer Solutions
2	_	Lacima Group
3	_	Drillinginfo (formerly GlobalView)
4	3	FIS (SunGard)
5	2	Allegro Development



Data providers

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Platts

Thomson Reuters

Breadth of data supplied		Quality and usefulness of data			
2017	2016	Vendor	2017	2016	Vendor
	2	S&P (inc Platts)	1	-	S&P (inc Platts)
	4	Argus	2	_	ZE PowerGroup
	1	Bloomberg	3	_	Ice
ļ	_	Genscape	4	_	Argus
i	_	Thomson Reuters	5	5	Thomson Reuters
ise of	using syster	n			A A
2017	2016	Vendor			
	1	Drillinginfo (formerly GlobalView)			
	5	ZE PowerGroup			
	_	DataGenic			

Preferr	ed system		Best at	integrating	with other systems*
2017	2016	Vendor	2017	2016	Vendor
1	1	Drillinginfo (formerly GlobalView)	1	5	FIS (SunGard)
2	2	ZE PowerGroup	2	2	ZE PowerGroup
3	4	DataGenic	3	1	Drillinginfo (formerly GlobalView)
4	3	Morningstar	4	3	DataGenic
5	5	FIS (SunGard)	5	4	Morningstar
Best cu	stomer service		Best da	nta analytics	and charting
2017	2016	Vendor	2017	2016	Vendor
1	1	Drillinginfo (formerly GlobalView)	1	_	FIS (SunGard)
2	4	Morningstar	2	2	ZE PowerGroup
3	3	DataGenic	3	1	Drillinginfo (formerly GlobalView)
4	2	ZE PowerGroup	4	3	Morningstar
г	_	FIS (SunGard)	5	1	DataGenic

Sovernance, risk and compliance		Trade surveillance			
2017	2016	Vendor	2017	2016	Vendor
l	2	Allegro Development	1	_	Pioneer Solutions
2	3	OpenLink	2	3	FIS (SunGard)
3	1	FIS (SunGard)	3	2	OpenLink
ŀ	4	Pioneer Solutions	4	4	Allegro Development
5	_	Triple Point Technology	5	_	Scila

^{*}including ledgers, clearing/analysis systems and reporting systems



Implementation specialists

Best implementation specialist

2017	2016	Vendor
1	1	Accenture/The Structure Group
2	_	Sapient Global Markets
3	_	Baringa Partners
4	4	Deloitte
5	2	MRE

Best for project delivery within budget

2017	2016	Vendor
1	_	Sapient Global Markets
2	2	Accenture/The Structure Grou
3	_	Baringa Partners
4	4	MRE
5	_	KPMG

Best for project delivery on time

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2017	2016	Vendor
1	_	Sapient Global Markets
2	1	Accenture/The Structure Group
3	_	Baringa Partners
4=	2	Deloitte
4=	3	MRE



Methodology

To compile the Software Rankings, respondents were asked to vote for their preferred software vendor, implementation specialist, data management firm and data provider in a variety of categories. All votes were carefully checked and invalid votes stripped out. Examples of votes considered invalid are people voting for their own firm or using a free internet-based email address, multiple votes from the same person or IP address, and voters who chose the same firm indiscriminately throughout the survey. Following closure of the poll, the results are subject to an internal review process, which can result in categories being dropped or aggregated if they do not have enough votes.

The results were then analysed and validated by Chartis Research using its RiskTech Quadrant methodology. This methodology has been developed specifically for the risk technology marketplace and takes into account vendors' product, technology and organisational capabilities using a variety of sources including evaluation forms, vendor briefings, end-user feedback and publicly available information.