

C/ETRM software providers Derivatives software Oil Gas 2021 2020 Vendor 2021 2020 Vendor 1 Ion Commodities: Openlink 1 2 Hitachi ABB Power Grids 1 Hitachi ABB Power Grids 2 3 2 3 Ion Commodities: Openlink Ion Commodities: Allegro 3 5 3 1 Lacima Ion Commodities: Allegro 4 2 Lacima 4 4 FIS 5 Ion Commodities: Aspect 5 **Power** Coal Vendor Vendor 2020 2021 2020 2021 Ion Commodities: Openlink Hitachi ABB Power Grids 1 1= 1 4 Hitachi ABB Power Grids 2 3 Ion Commodities: Openlink 2 Ion Commodities: Triple Point Technology Ion Commodities: Allegro 3 3 4 FIS 4 5 5= Enuit Lacima 5= 1= **Emissions** Freight 2021 2020 Vendor Vendor Ion Commodities: Openlink Ion Commodities: Openlink 2 2 3= Hitachi ABB Power Grids Ion Commodities: Triple Point Technology 3 FIS Ion Commodities: Allegro Enuit 4= 4= Previse Agricultural products Metals 2020 Vendor 2021 2020 Vendor 2021 Ion Commodities: Openlink 1 1 Ion Commodities: Openlink Ion Commodities: Allegro 2 2 Brady 3 Eka Regulatory compliance Ease of using system 2021 2020 Vendor 2020 Vendor Hitachi ABB Power Grids 1 1 Hitachi ABB Power Grids Ion Commodities: Openlink 2 3 2 Ion Commodities Openlink Ion Commodities: Allegro 3 Widest product coverage Best energy derivatives software 2021 2020 Vendor 2021 2020 Vendor Ion Commodities: Openlink Hitachi ABB Power Grids 1 1 2 Ion Commodities: Allegro Ion Commodities: Openlink 2 3= Beacon Lacima 3= Physical trading, operations and logistics software Oil Gas 2020 2021 Vendor 2021 2020 Vendor Hitachi ABB Power Grids Ion Commodities: Openlink Ion Commodities: Allegro Ion Commodities: Openlink 2 3 2 2 Hitachi ABB Power Grids 3 Ion Commodities: Allegro 3 3



C/ETRM software providers

Physical trading, operations and logistics software (continued)

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LNG			Power		
2021	2020	Vendor	2021	2020	Vendor
1	1	Ion Commodities: Openlink	1	1	Hitachi ABB Power Grids
2	2	Ion Commodities: Allegro	2	3	Ion Commodities: Openlink
3	_	Enuit	3	2	Ion Commodities: Allegro
					X
Coal			Emission	-	
2021	2020	Vendor	2021	2020	Vendor
1	2	Ion Commodities: Openlink	1	1	Hitachi ABB Power Grids
2	1	Ion Commodities: Allegro	2	3	Ion Commodities: Openlink
Freight			Metals		
2021	2020	Vendor	2021	2020	Vendor
1	_	Ion Commodities: Openlink	1	-	Ion Commodities: Openlink
2	-	Ion Commodities: Allegro	2		Brady
3	-	Ion Commodities: Triple Point Technology	\		
	ıral commoditi		Operatio		
2021	2020	Vendor	2021	2020	Vendor
1	_	Ion Commodities: Openlink	1	1	Ion Commodities: Openlink
2	-	Ion Commodities: Triple Point Technology	2	2	Hitachi ABB Power Grids
3	-	Eka			
		×			
Schedulii	ng		Inventor	y managemen [.]	t
2021	2020	Vendor	2021	2020	Vendor
1	2	Hitachi ABB Power Grids	1	2	Hitachi ABB Power Grids
2	1	Ion Commodities: Openlink	2	1	Ion Commodities: Openlink
		*			
Regulato	ry compliance		Ease of u	using system	
2021	2020	Vendor	2021	2020	Vendor

2021	2020	Vendor
1	1	Hitachi ABB Power Grids
2	-	Ion Commodities: Allegro
3	2	Ion Commodities: Openlink

Best energy operations software

2021	2020	Vendor
1	1	Hitachi ABB Power Grids
2	2	Ion Commodities: Openlink

Front- and middle-office functionality

Pre-trac	de analytics		Market	risk: analyti	cs
2021	2020	Vendor	2021	2020	Vendor
1	3	Hitachi ABB Power Grids	1	2	Hitachi ABB Power Grids
2	2	Ion Commodities: Openlink	2=	1	Lacima
3	_	Ion Commodities: Allegro	2=	_	Ion Commodities: Allegro
4	1	Lacima			
Market	risk: stress-	testing	Market	risk: manag	ement and reporting
2021	2020	Vendor	2021	2020	Vendor
1	2	Hitachi ABB Power Grids	1	2	Hitachi ABB Power Grids
2	3	Ion Commodities: Openlink	2	3	Ion Commodities: Openlink
3	1	Lacima	3	1	Lacima

1 2 3

1

3 2

Hitachi ABB Power Grids Ion Commodities: Openlink Ion Commodities: Allegro



C/ETRM software providers (continued)

Front- and middle-office functionality (continued)

Portfolio optimisation

2021	2020	Vendor
1	2	Hitachi ABB Power Grids
2	1	Lacima
3	_	Ion Commodities: Openlink

Credit risk

2021	2020	Vendor
1	1	Hitachi ABB Power Grids
2	3	Ion Commodities: Openlink
3	2	CubeLogic
4		Lacima

Trade surveillance

2021	2020	Vendor
1	3	Ion Commodities: Openlink
2	1	Hitachi ABB Power Grids

Post-trade services

2021	2020	vendor
1	2	Ion Commodities: Openlink
2	1	Hitachi ABB Power Grids

Risk and analytics visualisation

2021	2020	Vendor
1	2	Hitachi ABB Power Grids
2	1	Lacima
3	3	Ion Commodities: Openlink

Ease of using system

2021	2020	Vendor
1	1	Hitachi ABB Power Grids
2	-	Ion Commodities: Openlink
3=	3	Ion Commodities: Allegro
3=	-	FIS

Best middle-office software

2021	2020	Vendor
1	1	Hitachi ABB Power Grids
2	3	Ion Commodities: Openlink
3	_	FIS

Position management

2021	2020	Vendor
1	1	Hitachi ABB Power Grids
2	2	Ion Commodities: Openlink
3=	3	Lacima
3=	-	FIS

Regulatory compliance

2021	2020	vendor
1	1	Hitachi ABB Power Grids
2	3=	Ion Commodities: Allegro
3	2	Ion Commodities: Openlink

Governance & compliance

2021	2020	Vendor
1	2	Ion Commodities: Openlink
2	1	Hitachi ABB Power Grids

Model valuation

2021	2020	Vendor
1	1	Lacima
2	_	Ion Commodities: Openlink
3	2	Hitachi ABB Power Grids

Best cloud-based system

2021	2020	Vendor
1	_	Hitachi ABB Power Grids
2	_	Ion Commodities: Aspect
2		Drovico

Best front-office software

2021	2020	vendor
1	1	Hitachi ABB Power Grids
2	2	Ion Commodities: Openlink

The survey went live on February 1, 2021 and closed on March 5, 2021. It received 227 valid responses. To compile the Software Rankings, respondents were asked to vote for their preferred software vendor, data management firm, data provider and technology adviser 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 choose 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 if they do not have enough votes. The outcome of the review is final.



Shipping and land transportation software

Shipping		Rail and road transporation			
2021	2020	Vendor	2021	2020	Vendor
1	2	Ion Commodities: Softmar	1	1	SmartFreight
2	1	Veson Nautical	2	2	Silver Bullet Technologies
3=	3	ShipNet	3	3	Chorus Logistics
3=	4	Singular Point			-
		-			A A

Enterprise risk software

Enterprise-wide data capture and storage

2021	2020	vendor
1	1	Hitachi ABB Power Grids
2	_	Lacima

Best metrics

2021	2020	Vendor
1	1	Lacima
2	_	Ion Commodities: Openlink
3	2	Hitachi ABB Power Grids

Credit risk software

2020

202 I	2020	vendor
1	3	Lacima
2	1	CubeLogic
3	2	Hitachi ABB Power Grids

Market risk reporting and management package

2021	2020	Vendor
1	1	Lacima
2	2	Hitachi ABB Power Grids
3	3	Ion Commodities: Openlink

Best enterprise risk management software system

best enterprise lisk management software system			
2021	2020	Vendor	
1	_	Lacima	
2	_	CubeLogic	
3	_	Hitachi ABB Power Grids	
4	_	Beacon	

Integration capability

2021	2020		Vendor
1	1		Hitachi ABB Power Grids
2	_	_	Lacima
3	-		Beacon
4)-		Enuit

Best open source code offering

2021	2020	Vendo
1	_	Lacima
2	_	Beacon

Analytics package

2021	2020	Vendor
1	1	Lacima
2	3	Ion Commodities: Openlink
3	2	Hitachi ABB Power Grids

Integrated risk management development platform

2021	2020	Vendor	
1	_	Lacima	
2	_	Hitachi ABB Power Grids	
3	_	Beacon	



OTC trading platforms

Best co	onnectivity	with	other	systems
2021	2020		Vone	lor

2021	2020	vendor
1	_	Trayport
2	_	Ice

Best overall ease of use

2021	2020	Vendor
1	_	Ice
2	_	Trayport
3	_	Enmacc

Best liquidity

2021	2020	Vendor
1	_	Ice
2	_	Trayport

Data providers

Tracking physical oil, gas and power flows

2021	2020	Vendor
1	1	Genscape
2	_	Nasa

Best price-reporting agency

2021	2020	Vendor
1	1	S&P Global Platts
2	_	Bloomberg
3=	2	Argus Media
3=	_	Baltic Exchange

Best data on crude oil and gas storage

2021	2020	Vendor
1	_	Argus Media
2	1	Genscape
3	2	S&P Global Platts

Best provider of market intelligence

2021	2020	venaor
1=	_	Enverus
1=	_	S&P Global Platts

Data management firms

Widest supply of data

2021	2020	Vendor
1	1	ZE PowerGroup
2	2	Bloomberg
3	4	Enverus

Analytics tools (charting, dashboards etc)

2020	Vendor
_	Lacima Risk Analytics
2	Enverus
1	ZE PowerGroup
_	Morningstar
	_

Customer service

2021	2020	Vendor	
1	2	Enverus	
2	1	ZE PowerGroup	

Pricing and curves

2021	2020	Vendor
1	1	ZE PowerGroup
2	2	Enverus
3	_	Bloomberg

Integrating with other systems and platforms

2021	2020	Vendor
1	1	ZE PowerGroup
2	2	Enverus

Preferred data management system

2021	2020	Vendor
1	1	ZE PowerGroup
2	2	Enverus



Data management firms (continued)

Ease of using system

2021	2020	Vendor
1	2	Enverus
2	1	ZE PowerGroup
3	_	Bloomberg

Technology advisory

CTRM software implementation

2021	2020	Vendor
1	1	KWA Analytics
2	_	Lacima
3	3=	capSpire
4	3=	Baringa

Technical architecture and infrastructure

2021	2020	Vendor
1	1	KWA Analytics
2	_	Beacon

Ease of working relationship

2021	2020	Vendor
1	2	KWA Analytics
2	1	Lacima
3=	_	Beacon
3=	3	capSpire

Most innovative project developer

2021	2020	Vendor
1	1	KWA Analytics
2		capSpire

Analytics development

2021	2020	Vendor
1	2	KWA Analytics
2	1	Lacima

Understanding client needs

2021	2020	Vendor
1	2	KWA Analytics
2	1	Lacima
3		Beacon

Best at being within budget

2021	2020	Vendor
1	1	KWA Analytics
2	3	Lacima

Best value for money

2021	2020	Vendor
1	1	KWA Analytics
2	2	Lacima
3	_	Beacon