



Vendor Address Book 2023

Service Facilitator

1	Activ Financial System, INC.
2	Guavatech INC.
3	IPC Network Services INC
4	NYSE Technologies Connectivity Inc

Real Time Vendors

1	ABC Arbitrage Asset Management S.A.
2	Abu Dhabi Investment Authority
3	Airain Limited
4	AllianceBernstein LP Global Market Data Services
5	AQR Capital Management LLC
6	Banco Bilbao Vizcaya Argentaria S.A.
7	Banco Nacional de Mexico, S.A.
8	Banco Regional, S.A., Institución de Banca Múltiple, Banregio Grupo Financiero
9	Banco Santander S.A. (España)
10	Bank of America N.A.
11	Banque Pictet & Cie SA
12	Barclays Bank PLC
13	BBVA Bancomer, S.A. Institución de Banca Múltiple Grupo Fin. BBVA Bancomer
14	Blackrock INC
15	Bloomberg LP
16	BNP Paribas Arbitrage S.N.C.
17	Bridgewater Associates, LP
18	Brown Brothers Harriman & CO
19	Caixabank S.A.
20	Capula Investment Services LTD
21	Centiva Capital, LP
22	Citadel LLC
23	Citibank N.A.
24	Comstock
25	Cowen INC
26	Credit Suisse AG
27	D.E. Shaw Enterprises LLC
28	Danske Bank A/S
29	Deutsche Bank Aktiengesellschaft
30	Deutsche Bank Securities INC.
31	DRW Holdings, LLC
32	E D & F Man LTD
33	Exoduspoint Capital Management LP

34	Factset Digital Solutions GMBH
35	Facset Research Systems INC
36	Fidelity Brokerage Services LLC
37	Fidessa PLC
38	FIL Investment Management Limited
39	FIS Financial Systems (France) SAS
40	Florin Court Capital LLP
41	FT Interactive Data (Europe)
42	Global Financial Information Services GMBH
43	Goldman Sachs International
44	Graviton Research Capital (Singapore) Pte. Ltd
45	GSA Capital Services LTD
46	HSBC Bank PLC
47	Hudson River Trading LLC
48	Infoselective S.A. de C.V.
49	Instinet LLC
50	Interactive Data Corp.
51	Jane Street Holding LLC
52	Jefferies LLC
53	JP Morgan Chase Bank National Association
54	Lighthouse Investment Partners, LLC
55	Liquidnet Holdings INC
56	Marble Bar Asset Management LLP
57	Marshall Wace LLP
58	Mercado Mexicano de Derivados S.A. de C.V.
59	MerQube, Inc.
60	Millennium Management LLC
61	Mizuho Securities USA LLC
62	Moore Capital Management LP
63	Morgan Stanley & Co LLC
64	Morningstar Real Time Data Limited
65	MSCI INC
66	Nasdaq OMX
67	Old Mission Capitals LLC
68	Optiver VOF
69	Point72 LP
70	Qontigo Index GmbH
71	Quantfury TGE Limited
72	Qube Research & Technologies Limited
73	RBC Capitals Markets
74	Refinitiv US LLS
75	Renaissance Technologies LLC
76	Rox Systems, Inc.
77	Schonfeld Strategic Advisors LLC
78	Segantii Capital Management LTD
79	Select Vantage Inc
80	SIF ICAP S.A. DE C.V.
81	Six Financial Information LTD
82	Societe Generale Public Limited Company

83	Solactive AG
84	Squarepoint Ops LLC
85	Standard & Poor's Portfolio
86	State Street Bank and Trust Company
87	Stonex Group Inc
88	Strike Technologies LLC
89	Susquehanna International Group Limited
90	Susquehanna International Group LLP
91	T. Rowe Price Associates INC
92	The Bank of New York Mellon Corporation
93	The Bank of Nova Scotia
94	The Capital Group Companies INC.
95	The Northern Trust Company
96	Townsend Analytics LTD
97	Tudor Investment Corporation
98	Two Sigma Investments LP
99	UBS, AG. Investment Bank Securities
100	UniCredit Bank AG
101	Virtu Financial Operating LLC
102	Walleye Capital LLC
103	Wellington Management Company LLP
104	Whitebox Advisors LLC
105	Winton Capital Management Limited
106	XP Investimentos Corretora de Cambio Titulos e Valores Mobiliarios S/A