



## Vendor Address Book 2020

### Service Facilitator

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|---|------------------------------|
| 1 | Activ Financial System, INC. |
| 2 | Guavatech INC.               |
| 3 | IPC Network Services INC     |

### Real Time Vendors

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| 1  | ABC Arbitrage Asset Management S.A.              |
| 2  | Airain Limited                                   |
| 3  | AllianceBernstein LP Global Market Data Services |
| 4  | AQR Capital Management LLC                       |
| 5  | Balyasny Asset Management LP                     |
| 6  | Banco Bilbao Vizcaya Argentaria S.A.             |
| 7  | Banco Nacional de Mexico, S.A.                   |
| 8  | Bank Julius Baer & Co. LTD                       |
| 9  | Bank of America N.A.                             |
| 10 | Barclays Bank PLC                                |
| 11 | BBVA Bancomer, S.A.                              |
| 12 | Blackrock INC                                    |
| 13 | Bloomberg LP                                     |
| 14 | Bluecrest Capital Management (UK) LLP            |
| 15 | Bridgewater Associates, LP                       |
| 16 | Brown Brothers Harriman & CO                     |
| 17 | Citadel LLC                                      |
| 18 | Citibank N.A.                                    |
| 19 | CLSA Americas, LLC                               |
| 20 | Commerzbank AG                                   |
| 21 | Cowen INC  |
| 22 | Credit Suisse AG                                 |
| 23 | D.E. Shaw Enterprises LLC                        |
| 24 | Danske Bank A/S                                  |
| 25 | Deutsche Bank Aktiengesellschaft                 |
| 26 | Deutsche Bank Securities INC.                    |
| 27 | Deutsche Börse AG                                |
| 28 | E D & F Man LTD                                  |
| 29 | Exoduspoint Capital Management LP                |
| 30 | Facset Research Systems INC                      |
| 31 | Fidelity Brokerage Services LLC                  |
| 32 | Fidessa PLC                                      |
| 33 | FIL Investment Management Limited                |
| 34 | FIS Financial Systems (France) SAS               |
| 35 | Florin Court Capital LLP                         |
| 36 | FTSE International LTD                           |
| 37 | Global Financial Information Services GMBH       |
| 38 | Goldman Sachs International                      |
| 39 | GSA Capital Services LTD                         |
| 40 | HSBC Bank PLC                                    |

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| 41 | Infoselective S.A. de C.V.                 |
| 42 | Instinet LLC                               |
| 43 | Interactive Data Corp.                     |
| 44 | Jane Street Holding LLC                    |
| 45 | Jefferies LLC                              |
| 46 | JP Morgan Chase Bank National Association  |
| 47 | Liquidnet Holdings INC                     |
| 48 | Marshall Wace LLP                          |
| 49 | Masa Capital LLC                           |
| 50 | Mercado Mexicano de Derivados S.A. de C.V. |
| 51 | Millennium Management LLC                  |
| 52 | Moore Capital Management LP                |
| 53 | Morgan Stanley & Co LLC                    |
| 54 | Morningstar Real Time Data Limited         |
| 55 | MSCI INC                                   |
| 56 | Nasdaq OMX                                 |
| 57 | Old Mission Capitals LLC                   |
| 58 | Optiver VOF                                |
| 59 | Point72 LP                                 |
| 60 | Prod Services A/P ITG INC                  |
| 61 | Qube Research & Technologies Limited       |
| 62 | RBC Capitals Markets                       |
| 63 | Refinitiv US LLS                           |
| 64 | Renaissance Technologies LLC               |
| 65 | SIF ICAP S.A. DE C.V.                      |
| 66 | Six Financial Information LTD              |
| 67 | Societe Generale Public Limited Company    |
| 68 | Solactive AG                               |
| 69 | Soros Fund Managment LLC                   |
| 70 | Squarepoint OPS LLC                        |
| 71 | Standard & Poor's Portfolio                |
| 72 | State Street Bank and Trust Company        |
| 73 | Stone Ridge Asset Management LLC           |
| 74 | Susquehanna International Group Limited    |
| 75 | Susquehanna International Group LLP        |
| 76 | T. Rowe Price Associates INC               |
| 77 | The Bank of Nova Scotia                    |
| 78 | The Capital Group Companies INC.           |
| 79 | Townsend Analytics LTD                     |
| 80 | Tudor Investment Corporation               |
| 81 | Two Sigma Investments LP                   |
| 82 | UBS, AG. Investment Bank Securities        |
| 83 | UniCredit Bank AG                          |
| 84 | Verition Fund Management LLC               |
| 85 | Virtu Americas LLC                         |
| 86 | Wellington Management Company LLP          |
| 87 | Whitebox Advisors LLC                      |
| 88 | XTX Markets Limited                        |