



Apr-25

New feed in production

## AMERICAS

| Exchange                     | Market                                                     | Order routing | Data vendor |                 | Depth                                   |
|------------------------------|------------------------------------------------------------|---------------|-------------|-----------------|-----------------------------------------|
|                              |                                                            |               | RAW data    | Normalised data |                                         |
| B3                           | BM&F Derivatives (Futures and FX) (1165:BRD) *             |               |             | Y               | Referential                             |
|                              | Bovespa (Equities and Options) (1166:BRE) **               |               |             | Y               | Referential                             |
| Blue Ocean                   | Blue Ocean ATS (1426:BLU)                                  |               |             | Y               | Referential, L1, L2 MBL Depth20, L2 MBO |
| Bolsa de Bogota              | Bolsa de Bogotá (1371:BOO) **                              |               |             | Y               | Referential                             |
| Bolsa de Santiago            | Bolsa de Santiago (1370:BOL) **                            |               |             | Y               | Referential                             |
| Bolsa Mexicana de Valores    | Bolsa Mexicana de Valores (1373:BOP) **                    |               |             | Y               | Referential                             |
| BOX                          | BOX Options (1253:BOX)                                     | Y             | Y           |                 |                                         |
| Canadian Securities Exchange | Canadian Securities Exchange (CNSX) (1184:PUC) *           |               |             | Y               | Referential                             |
| Cboe Global Markets          | Cboe BYX (1008:BYX) *                                      |               |             | Y               | Referential                             |
|                              | Cboe BZX (1009:BZX)                                        |               | Y           | Y               | Referential, L1, L2 MBL Depth5, L2 MBO  |
|                              | Cboe BZX Options (1245:BAT)                                | Y             | Y           |                 |                                         |
|                              | Cboe C2 (1249:CBR)                                         | Y             |             |                 |                                         |
|                              | Cboe C2 CSM BBO (1249:CBR)                                 | Y             |             |                 |                                         |
|                              | Cboe One (1470:CBX)                                        |               |             | Y               | Referential, L1                         |
|                              | Cboe Options BBO (1247:CBP)                                | Y             | Y           |                 |                                         |
|                              | Cboe CSM Complex Order Book (1248:CBQ)                     | Y             | Y           |                 |                                         |
|                              | Cboe Options Depth of Book (1259:CBS)                      | Y             | Y           |                 |                                         |
|                              | Cboe Global Indices Feed (CGIF) (1124:CBI)                 |               |             | Y               | Referential, L1                         |
|                              | Cboe EDGA (1031:DEA) *                                     |               |             | Y               | Referential                             |
|                              | Cboe EDGX (1117:DEX)                                       |               | Y           | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
|                              | Cboe EDGX Options (1246:BAU)                               | Y             | Y           |                 |                                         |
|                              | Cboe Futures Exchange (1123:CBE)                           | Y             |             | Y               | Referential, L1, L2 MBL Depth10         |
|                              | Cboe Futures Exchange CSM BBO (1260:CBT)                   | Y             | Y           |                 |                                         |
|                              | Cboe Futures Exchange CSM Depth of Book (1261:CBU)         | Y             | Y           |                 |                                         |
|                              | Cboe Market Interface (CMI) (1247:CBP)                     | Y             |             |                 |                                         |
|                              | EDGX Options Auction Feed (1352:EDI)                       |               | Y           |                 |                                         |
|                              | EDGX Options Complex Auction Feed (1351:EDH)               |               | Y           |                 |                                         |
|                              | EDGX Options Complex Depth (1350:EDG)                      |               | Y           |                 |                                         |
| CME Group                    | BrokerTec (1428:BRO)                                       | Y             |             |                 |                                         |
|                              | Bloomberg Fee Waived Indices (1198:BBG)                    |               |             | Y               | Referential, L1                         |
|                              | Chicago Board of Trade CBOT (1022:CBQ)                     | Y             | Y           | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
|                              | Chicago Mercantile Exchange CME (1027:CME)                 | Y             | Y           | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
|                              | New York Mercantile Exchange NYMEX (1069:NYM)              | Y             | Y           | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
|                              | NY Commodity Exchange COMEX (1141:COM)                     | Y             | Y           | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
|                              | Dow Jones Indices (1155:DJN)                               |               |             | Y               | Referential, L1                         |
|                              | S&P Base Indices (1131:CMI)                                |               |             | Y               | Referential, L1                         |
|                              | S&P Complete Indices (1196:SCI)                            |               |             | Y               | Referential, L1                         |
|                              | S&P Promotional Indices (1197:SPI)                         |               |             | Y               | Referential, L1                         |
|                              | New York Mercantile Exchange NYMEX Block Trades (1459:NEY) |               |             | Y               | Referential, L1                         |
|                              | Chicago Mercantile Exchange CME Block Trades (1460:CHK)    |               |             | Y               | Referential, L1                         |
|                              | Chicago Board of Trade CBOT Block Trades (1461:CHL)        |               |             | Y               | Referential, L1                         |
|                              | NY Commodity Exchange COMEX Block Trades (1462:NYD)        |               |             | Y               | Referential, L1                         |
| Colombo Stock Exchange       | Colombo Stock Exchange (1376:COL) **                       |               |             | Y               | Referential                             |
| Coinbase                     | FairX (1427:FAI)                                           |               | Y           |                 |                                         |
| NYSE                         | CTA Network A NBBO and Regionals (1029:CTA ; 1277:CTE)     |               | Y           | Y               | Referential, L1                         |
|                              | CTA Network B NBBO and Regionals (1030:CTB; 1278:CTF)      |               | Y           | Y               | Referential, L1                         |

|                              |                                                                         |   |   |   |                                         |
|------------------------------|-------------------------------------------------------------------------|---|---|---|-----------------------------------------|
|                              | NYSE (1133:NYF) *                                                       |   |   | Y | Referential                             |
|                              | NYSE ArcaBook (1318:NYW)                                                |   | Y | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                              | NYSE Arca BBO (1266:NYU)                                                | Y | Y | Y | Referential, L1                         |
|                              | NYSE Arca Integrated (1003:ARI) *                                       |   |   | Y | Referential                             |
|                              | NYSE Arca Order Imbalance (1414:NYC)                                    |   |   | Y | Referential, L1                         |
|                              | NYSE OpenBook Aggregated (1317:NYV)                                     |   | Y | Y | Referential, L1, L2 MBL Depth10         |
|                              | NYSE Order Imbalance (1216:NYS)                                         |   |   | Y | Referential, L1                         |
| ICE                          | ICE Futures EU Financial Chicago Contracts (1192:ICA)                   |   | Y | Y | Referential, L1, L2 MBL Depth5          |
|                              | ICE Futures US - Canadian Grains (1043:ICC)                             |   | Y |   |                                         |
|                              | ICE Futures US - US Softs & Financials (1042:ICU)                       | Y | Y | Y | Referential, L1, L2 MBL Depth5, L2 MBO  |
|                              | ICE Futures US - US Softs & Financials (Implied Range) (1296:ICI)       | Y | Y | Y | Referential, L1, L2 MBL Depth5, L2 MBO  |
| Mexican Derivatives Exchange | Mexican Derivatives Exchange (1405:MEX) *                               |   |   | Y | Referential                             |
| Minneapolis Grain Exchange   | Minneapolis Grain Exchange (1057:MGE)                                   | Y | Y | Y | Referential, L1, L2 MBL Depth10         |
| MIAX                         | MIAX Emerald (1312:MIC)                                                 | Y |   |   |                                         |
|                              | MIAX Options (1254:MIA)                                                 | Y |   |   |                                         |
|                              | MIAX PEARL (1255:MIB)                                                   |   | Y |   |                                         |
| Nasdaq                       | FINRA TDDS (1334:TDD)                                                   |   | Y | Y | Referential, L1                         |
|                              | Nasdaq Basic NASDAQ, NYSE, NYSE MKT Issues (1143:NBC;1065:NBA;1142:NBB) |   | Y | Y | Referential, L1                         |
|                              | NASDAQ GIDS US (1066:GID)                                               |   |   | Y | Referential, L1                         |
|                              | Nasdaq BX Basic (1264:NAY)                                              |   | Y |   |                                         |
|                              | Nasdaq Last Sale (1243:NAW)                                             |   | Y | Y | Referential, L1                         |
|                              | Nasdaq Last Sale Plus (1244:NAX)                                        |   | Y | Y | Referential, L1                         |
|                              | Nasdaq PSX Basic (1265:NAZ)                                             |   | Y |   |                                         |
|                              | NASDAQ TotalView (1063:NAS)                                             | Y | Y | Y | Referential, L1, L2 MBL Depth5, L2 MBO  |
|                              | NASDAQ UTP NBBO and Regionals (1064:NUT;1281:NAA)                       |   | Y | Y | Referential, L1                         |
|                              | Dealerweb Fixed Income (DWFI) (1358:NAD)                                |   | Y |   |                                         |
| NEO Exchange                 | NEO Exchange (1415:NEO) *                                               |   |   | Y | Referential                             |
| OPRA                         | OPRA NBBO (1081:OPA)                                                    |   | Y | Y | Referential, L1                         |
| OTC                          | OTC Markets (1000:OTC)                                                  |   |   | Y | Referential, L1, L2 MBO                 |
| TP ICAP                      | TP ICAP Precious Metals (1464:TPJ)                                      |   |   | Y | Referential, L1                         |
|                              | TP ICAP Risk Free Rates (1463:TPI)                                      |   |   | Y | Referential, L1                         |
|                              | Tullett FX Spot Market (1434:TUN)                                       |   |   | Y | Referential, L1                         |
| TMX                          | S&P/TSX Indices (1182:TMI)                                              |   |   | Y | Referential, L1                         |
|                              | TMX Montreal Exchange (Quantum) (1156:MOD)                              |   |   | Y | Referential, L1, L2 MBL Depth5          |
|                              | TMX Toronto (Quantum) (1097:TMX)                                        |   |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                              | TMX Toronto Venture (Quantum) (1122:TSX)                                |   |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                              | TMX Toronto (1412:TMY)                                                  |   |   | Y | Referential, L1, L2 MBL Depth10         |
|                              | TMX Toronto Venture (1413:TMZ)                                          |   |   | Y | Referential, L1, L2 MBL Depth10         |

## EMEA

EXCHANGE, MTFs, BLOCK TRADING AND DARK POOLS

| Exchange                      | Market                                                  | Order routing | Data Vendor |                 | Depth                                   |
|-------------------------------|---------------------------------------------------------|---------------|-------------|-----------------|-----------------------------------------|
|                               |                                                         |               | RAW data    | Normalised data |                                         |
| Abu Dhabi Securities Exchange | Abu Dhabi (1390:ABU) **                                 |               |             | Y               | Referential                             |
| AQUIS                         | Aquis Exchange Europe (1306:AQV)                        | Y             | Y           | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
|                               | Aquis Exchange UK (1227:AQU)                            | Y             | Y           | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
|                               | Aquis Stock Exchange (1467:AQW)                         |               |             | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
| Athens                        | Athens Indices including FTSE/Athens Indices (1174:ATI) |               |             | Y               | Referential, L1                         |
|                               | Athens Securities (1004:ATH)                            |               | Y           | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
|                               | Cyprus Stock Exchange (1172:CYP)                        |               | Y           | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
| Bahrain Bourse                | Bahrain (1479:BAH) **                                   |               |             | Y               | Referential                             |
| BME                           | BME IBEX and FTSE LATIBEX Indices (1203:IBX)            |               | Y           | Y               | Referential, L1                         |
|                               | BME MEFF Derivatives (1013:MEF)                         |               | Y           | Y               | Referential, L1, L2 MBL Depth5          |
|                               | BME SIB Equities (1012:BME)                             |               | Y           | Y               | Referential, L1, L2 MBL Depth5          |
| Borsa Istanbul                | Borsa Istanbul Equities (1193:BIE)                      | Y             |             | Y               | Referential, L1, L2 MBL Depth10         |
|                               | Borsa Istanbul Indices (1208:BII)                       |               |             | Y               | Referential, L1                         |
| Borse Stuttgart               | Borse Stuttgart (1387:STU) *                            |               |             | Y               | Referential                             |
| Budapest Stock Exchange       | Budapest ADH Indices (1112:BSE)                         |               |             | Y               | Referential, L1, L2 MBL Depth10         |
|                               | Budapest RapidADH (1144:RBD)                            | Y             | Y           | Y               | Referential, L1, L2 MBL Depth20         |
| BX Swiss AG                   | BX Swiss (1420:BSX)                                     | Y             |             | Y               | Referential, L1, L2 MBL Depth5          |

|                        |                                                                    |   |   |   |                                         |
|------------------------|--------------------------------------------------------------------|---|---|---|-----------------------------------------|
| Cboe Global Markets    | Cboe Europe BXE and CXE (1007:BAE)                                 | Y | Y | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | Cboe Europe DXE (1305:CBV)                                         | Y | Y | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | Cboe Europe Indices (1411:CBW)                                     |   |   | Y | Referential, L1                         |
|                        | Cboe Europe TRF (1211:BTTR)                                        | Y | Y | Y | Referential, L1                         |
| Deutsche Boerse        | Boerse Frankfurt Certificates and Warrants (ex SCOACH) (1118:XEAX) |   |   | Y | Referential, L1                         |
|                        | Eurex Ultra Futures (1032:EUFX)                                    | Y |   | Y | Referential, L1, L2 MBL Depth10         |
|                        | Eurex Ultra Options (1033:EUOX)                                    | Y |   | Y | Referential, L1, L2 MBL Depth10         |
|                        | DAX Indices (1105:DEI)                                             |   |   | Y | Referential, L1, L2 MBL Depth5          |
|                        | EEX Gas Derivatives Market (1431:EEZ)                              |   |   | Y | Referential, L1, L2 MBL Depth5          |
|                        | EEX Power & Others (1140:EEEX)                                     |   |   | Y | Referential, L1, L2 MBL Depth5          |
|                        | EEX Gas Spot Market (1457:EEA)                                     |   |   | Y | Referential, L1, L2 MBL Depth5          |
|                        | EEX T7 EMDI (1468:EEB)                                             |   |   | Y | Referential, L1, L2 MBL Depth10         |
|                        | STOXX Indices (1106:DJI)                                           |   |   | Y | Referential, L1                         |
|                        | Regional Exchanges Germany (1136:REG)                              |   |   | Y | Referential, L1                         |
|                        | Tradegate (1135:TGT)                                               |   |   | Y | Referential, L1                         |
|                        | Xetra ETFs & ETPs (1453:XET)                                       |   |   | Y | Referential, L1, L2 MBL Depth5          |
|                        | Xetra Core (1102:DES)                                              |   |   | Y | Referential, L1, L2 MBL Depth10         |
|                        | Xetra Ultra (1108:DEP)                                             | Y |   | Y | Referential, L1, L2 MBL Depth10         |
| Dubai Financial Market | Duabi Financial Market (1478:DUC) **                               |   |   | Y | Referential, L1                         |
| The Egyptian Exchange  | Egypt (1393:EGY) **                                                |   |   | Y | Referential, L1                         |
| Equiduct               | Equiduct HybridBook (1291:EQU)                                     | Y |   | Y | Referential, L1, L2 MBL Depth10         |
|                        | Equiduct VBBO (1433:EQV)                                           |   |   | Y | Referential, L1, L2 MBO                 |
|                        | Equiduct MBL (1452:EQW)                                            |   |   | Y | Referential, L1, L2 MBL Depth10         |
| Euronext               | Bourse de Luxembourg (1056:LUX)                                    | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | Bourse de Luxembourg Indices (1146:LUI)                            |   |   | Y | Referential, L1                         |
|                        | Euronext All Indices (1035:EUI)                                    |   |   | Y | Referential, L1                         |
|                        | Euronext Cash Market (1034:EUR)                                    | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | Euronext Commodities Derivatives (1073:LIC)                        | Y |   | Y | Referential, L1, L2 MBL Depth10         |
|                        | Euronext Dublin Equities (1301:EUV)                                | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | Euronext Dublin Funds & Bonds (1382:DUB)                           | Y |   | Y | Referential, L1                         |
|                        | Euronext Equity and Index Derivatives (1072:LII)                   | Y |   | Y | Referential, L1, L2 MBL Depth10         |
|                        | Euronext FX - Consolidated Tape (1303:FAS)                         |   |   | Y | Referential, L1                         |
|                        | Euronext FX ECN (1316:FAT)                                         |   | Y |   |                                         |
|                        | Euronext Milan AFF (1437:EUXX)                                     |   |   | Y | Referential, L1, L2 MBL Depth10         |
|                        | Euronext Milan TAH (1438:EUYY)                                     |   |   | Y | Referential, L1, L2 MBL Depth10         |
|                        | Euronext Milan GEM (1439:EUZ)                                      |   |   | Y | Referential, L1, L2 MBL Depth10         |
|                        | Euronext Milan MOT Bonds (1016:MOT)                                |   |   | Y | Referential, L1, L2 MBL Depth5          |
|                        | Euronext Milan DER (1018:IDM)                                      |   |   | Y | Referential, L1, L2 MBL Depth5          |
|                        | Oslo Bors Equities (1364:EUW)                                      | Y | Y | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
| EuroTLX                | EuroTLX All Markets (1187:EUT)                                     | Y |   | Y | Referential, L1, L2 MBL Depth5          |
| ICE                    | ICE Endex (1271:ICG)                                               | Y |   | Y | Referential, L1, L2 MBL Depth5, L2 MBO  |
|                        | ICE Futures EU Commodities (1041:ICE)                              | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | ICE Futures EU Commodities (Implied Range) (1295:ICH)              | Y |   | Y | Referential, L1, L2 MBL Depth5          |
|                        | ICE Futures EU Financials (1175:ICL)                               | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | ICE Futures EU Financials (Implied Range) (1262:ICF)               |   |   | Y | Referential, L1, L2 MBL Depth10         |
|                        | IPSOX (1268:IPSO)                                                  |   |   | Y | Referential, L2 MBL Depth5              |
| IPSOX                  | IPSOX (1268:IPSO)                                                  |   |   | Y |                                         |
| JSE                    | JSE Equity Derivatives (1321:JSF)                                  |   | Y |   |                                         |
|                        | JSE Equities (1047:JSE)                                            | Y | Y | Y | Referential, L1, L2 MBL Depth20, L2 MBO |
| Kaiko                  | Kaiko Crypto Feed (1432:KAI)                                       |   |   | Y | Referential, L1                         |
| Kuwait Stock Exchange  | Kuwait (1391:KUW) **                                               |   |   | Y | Referential, L1                         |
| Ljubljana              | Ljubljana Stock Exchange Enhanced Trading System (ETS) (1023:CHX)  | Y |   |   |                                         |
| LME                    | LME base and ferrous metals (1284:LMF)                             |   |   | Y | Referential, L1, L2 MBL Depth10         |
| LSE Group              | FTSE Indices (1036:FTE)                                            |   |   | Y | Referential, L1                         |
|                        | LSE European Market (1054:LEE)                                     | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | LSE International Market (1055:LEI)                                | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | LSE UK Market (1053:LSE)                                           | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | Turquoise (1098:TRQ)                                               | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | Turquoise Europe (1304:TUR)                                        | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | TRADEcho (1234:LSF)                                                |   |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
| Muscat Stock Exchange  | Muscat Stock Exchange (1480:MUS) **                                |   |   | Y | Referential, L1                         |
| Nasdaq                 | Nasdaq Baltic Equity and Fixed Income (1212:BLT)                   | Y | Y | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                        | NASDAQ Dubai (1372:NAE) **                                         |   |   | Y | Referential                             |
|                        | NASDAQ Nordic Indices (1119:NOY)                                   |   |   | Y | Referential, L1                         |
|                        | NASDAQ Nordic Commodities (1017:ILX)                               |   | Y | Y | Referential, L1, L2 MBL Depth5, L2 MBO  |

|                                |                                                                                |   |   |   |                                         |
|--------------------------------|--------------------------------------------------------------------------------|---|---|---|-----------------------------------------|
| Nordic Growth Market<br>Prague | NASDAQ Nordic Derivatives TotalView (1214:NAT)                                 | Y | Y | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                                | NASDAQ Nordic Equity TotalView (1062:TOT)                                      | Y | Y | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                                | Nordic Growth Market (1068:NGM)                                                | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                                | Prague Cash Market ADH (1087:PRG)                                              | Y | Y | Y | Referential, L1, L2 MBL Depth10         |
|                                | Prague RapidADH (1402:PRA)                                                     | Y | Y | Y | Referential, L1, L2 MBL Depth15         |
|                                | Prague Indices ADH (1180:PRI)                                                  |   |   | Y | Referential, L1                         |
| Qatar Stock Exchange           | Qatar (1392:QAT) **                                                            |   |   | Y | Referential, L1                         |
| Saudi Arabia                   | Saudi Stock Exchange (1298:SAU)                                                |   |   | Y | Referential, L1, L2 MBL Depth20         |
| SIX Swiss                      | SIX Structured Products (ex Scoach SWX) IMI (1218:SIY)                         | Y |   | Y | Referential, L1, L2 MBL Depth5          |
|                                | SIX Swiss incl. SWX Europe IMI (1217:SIX)                                      | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO |
|                                | SIX Swiss Indices (1325:SI2)                                                   |   |   | Y | Referential, L1                         |
| Tel Aviv                       | Tel Aviv Bonds (1148:TAB)                                                      |   | Y | Y | Referential, L1, L2 MBL Depth5          |
|                                | Tel Aviv Derivatives (1150:TAD)                                                |   | Y | Y | Referential, L1, L2 MBL Depth5          |
|                                | Tel Aviv Indices (1149:TAI)                                                    |   | Y | Y | Referential, L1                         |
|                                | Tel Aviv Shares (1147:TAS)                                                     |   | Y | Y | Referential, L1, L2 MBL Depth5          |
| Vienna                         | Vienna Cash Market & Structured Products RapidADH (1121:VIR)                   | Y | Y | Y | Referential, L1, L2 MBL Depth15         |
|                                | Vienna Cash Market ADH (1099:VIE)                                              |   | Y | Y | Referential, L1, L2 MBL Depth15         |
|                                | Vienna Global Market (1263:VIF)                                                | Y | Y | Y | Referential, L1, L2 MBL Depth10         |
|                                | Vienna Global Market Ultra (1435:VIH)                                          | Y | Y | Y | Referential, L1, L2 MBL Depth15         |
|                                | Vienna Indices (1100:VII)                                                      |   |   | Y | Referential, L1                         |
| Warsaw                         | Warsaw Stock Exchange, Warsaw Stock Exchange (NewConnect) (1101:WAR, 1230:WAS) |   |   | Y | Referential, L1, L2 MBL Depth5          |
| Zagreb Stock Exchange          | Zagreb Stock Exchange (1379:ZAG) **                                            |   |   | Y | Referential                             |

#### SYSTEMATIC INTERNALIZERS, APA AND TRADE REPORTING

|                      |                                        | Data Vendor   |          |                 |                                         |
|----------------------|----------------------------------------|---------------|----------|-----------------|-----------------------------------------|
| Exchange             | Market                                 | Order routing | RAW data | Normalised data | Depth                                   |
| Cboe Global Markets  | Cboe Europe BXTR (1211:BTR)            | Y             |          | Y               | Referential, L1, L2 MBL Depth5, L2 MBO  |
| Citadel              | Citadel SI                             |               |          | Y               | Referential, L1, L2 MBL Depth10         |
| Jane Street          | Jane Street SI                         |               |          | Y               | Referential, L1, L2 MBL Depth10         |
| LSE Group            | TRADEcho (1234:LSF)                    |               |          | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
| NASDAQ               | NASDAQ Baltic APA Service (1242:NAV)   |               |          | Y               | Referential, L1                         |
|                      | NASDAQ Nordic APA Service (1239:NAU)   |               |          | Y               | Referential, L1                         |
| Hudson River Trading | Hudson River Trading                   |               |          | Y               | Referential, L1, L2 MBL Depth10         |
| Tower Research       | Tower Research SI                      |               |          | Y               | Referential, L1, L2 MBL Depth10         |
|                      | Tower Research EU/CH and UK (1429:TOA) |               |          | Y               | Referential, L1                         |
| Virtu Financial      | Virtu Financial SI                     |               |          | Y               | Referential, L1, L2 MBL Depth10         |
| XTX Markets          | XTX Markets US                         |               |          | Y               | Referential, L1                         |
|                      | XTX Markets SI                         |               |          | Y               | Referential, L1, L2 MBL Depth20         |

#### APAC

|                                  |                                                 | Data vendor   |          |                 |                                         |
|----------------------------------|-------------------------------------------------|---------------|----------|-----------------|-----------------------------------------|
| Exchange                         | Market                                          | Order routing | RAW data | Normalised data | Depth                                   |
| ASX                              | ASX 24 Derivatives (1005:AUD)                   |               |          | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
|                                  | ASX Total Equities (1006:AUE)                   |               |          | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
|                                  | S&P/ASX Indices (1409:SPA)                      |               |          | Y               | Referential, L1                         |
| BSE (Deutsche Borse)             | Bombay Stock Exchange (1275:BOM)                |               |          | Y               | Referential, L1, L2 MBL Depth5          |
|                                  | Bombay Stock Exchange Indices (1360:BON)        |               |          | Y               | Referential, L1                         |
| Bursa Malaysia                   | Bursa Malaysia Equities (1161:BMQ)              |               | Y        | Y               | Referential, L1, L2 MBL Depth5          |
|                                  | Bursa Malaysia Sectorial Indices (1162:BMI)     |               | Y        | Y               | Referential, L1                         |
|                                  | FTSE Bursa Malaysia Index Series (1328:FTS)     |               |          | Y               | Referential, L1                         |
|                                  | Bursa Malaysia Derivatives (1164:BMR)           |               |          | Y               | Referential, L1, L2 MBL Depth5          |
| Cboe Australia                   | Cboe Australia (1026:CHA)                       |               |          | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |
| Hanoi Stock Exchange             | Hanoi Stock Exchange (1378:HAN) **              |               |          | Y               | Referential                             |
| HKEx                             | HKEx - S&P Indices (1169:HKS)                   |               |          | Y               | Referential, L1                         |
|                                  | HKEx Derivatives (1039:HKD)                     |               | Y        | Y               | Referential, L1, L2 MBL Depth10         |
|                                  | HKEx Securities (1038:HKE)                      |               | Y        | Y               | Referential, L1, L2 MBL Depth10         |
|                                  | HKEx - CSI Indices (1168:HKC)                   |               | Y        | Y               | Referential, L1                         |
|                                  | HSI Indices (1167:HKH)                          |               | Y        | Y               | Referential, L1                         |
| Ho Chi Minh Stock Exchange       | Ho Chi Minh Stock Exchange (1377:HOC) **        |               |          | Y               | Referential                             |
| Indonesia Stock Exchange         | Indonesia Stock Exchange (1274:IND)             |               |          | Y               | Referential, L1, L2 MBL Depth5, L2 MBO  |
|                                  | Indonesia Stock Exchange Derivatives (1423:INE) |               |          | Y               | Referential, L1, L2 MBL Depth5, L2 MBO  |
| National Stock Exchange of India | NSE Futures & Options (1477:NSF)*               |               |          | Y               | Referential                             |
| JPX                              | Nikkei Indices (1052:LIQ)                       |               |          | Y               | Referential, L1                         |
|                                  | JPX Osaka Stock Exchange Futures (1028:CMX)     | Y             |          | Y               | Referential, L1, L2 MBL Depth10, L2 MBO |

|                                 |                                                                 |   |   |   |                                                        |
|---------------------------------|-----------------------------------------------------------------|---|---|---|--------------------------------------------------------|
|                                 | JPX Osaka Futures J-NET (1440:JPA)                              |   |   | Y | Referential, L1                                        |
|                                 | JPX Osaka Stock Exchange JGB Futures & Options (1048:KBT)       | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
|                                 | JPX Osaka JGB Futures J-NET (1442:JPC)                          |   |   | Y | Referential, L1                                        |
|                                 | JPX Osaka Stock Exchange Options (1037:GLO)                     | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
|                                 | JPX Osaka Options J-NET (1441:JPB)                              |   |   | Y | Referential, L1                                        |
|                                 | JPX Tokyo Stock Exchange Equities (1095:TSE)                    | Y |   | Y | Referential, L1, L2 MBL Depth10                        |
|                                 | JPX Tokyo Stock Exchange Equities Flex MBO BC (1389:JPY)        | Y |   | Y | Referential, L1, L2 MBL FULL                           |
|                                 | JPX Osaka Agricultural (1363:TOE)                               | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
|                                 | JPX Osaka Agricultural J-NET (1445:JPF)                         |   |   | Y | Referential, L1                                        |
|                                 | JPX Osaka Rubber (1362:TOD)                                     | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
|                                 | JPX Osaka Rubber J-NET (1444:JPE)                               |   |   | Y | Referential, L1                                        |
|                                 | JPX Osaka Precious Metals (1361:TOC)                            | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
|                                 | JPX Osaka Precious Metals J-NET (1443:JPD)                      |   |   | Y | Referential, L1                                        |
|                                 | Fukuoka Stock Exchange (1114:FSE)                               | Y |   | Y | Referential, L1, L2 MBL Depth10                        |
|                                 | Fukuoka Stock Exchange Flex MBO BC (1400:FUK)                   | Y |   | Y | Referential, L1, L2 MBL Depth50, MBO                   |
|                                 | Sapporo Securities Exchange (1113:SSE)                          | Y |   | Y | Referential, L1, L2 MBL Depth10                        |
|                                 | Sapporo Securities Exchange Flex MBO BC (1399:SAQ)              | Y |   | Y | Referential, L1, L2 MBL Depth50, MBO                   |
|                                 | Topix Indices (1171:TSI)                                        | Y |   | Y | Referential, L1                                        |
|                                 | Topix Indices Flex MBO BC (1401:TOP)                            |   |   | Y | Referential, L1                                        |
|                                 | JPX Osaka Commodity Index (1404:JPX)                            | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
|                                 | Tokyo Commodity Exchange (TOCOM) - Energy (1365:TOF)            | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
|                                 | Tokyo Commodity Exchange (TOCOM) - Chukyo Oil (1366:TOG)        | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
| Korea Exchange                  | Korea Exchange - Derivatives A (1232:KOV)                       |   |   | Y | Referential, L1, L2 MBL Depth10                        |
|                                 | Korea Exchange ETFs, ETNs, ELWs - Securities C (1233:KOW)       |   |   | Y | Referential, L1, L2 MBL Depth10                        |
|                                 | Korea Exchange KOSDAQ Stocks - Securities B (1051:KOS)          |   |   | Y | Referential, L1, L2 MBL Depth10                        |
|                                 | Korea Exchange KOSPI stock - Securities A (1049:KSE)            |   |   | Y | Referential, L1, L2 MBL Depth10                        |
| New Zealand                     | New Zealand (1359:NEW)                                          |   |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
| Philippines Stock Exchange      | Philippines Stock Exchange (1324:PHI)                           |   |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
| Shanghai Exchange               | Shanghai Stock Exchange (1082:OSE)                              |   |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
|                                 | Shanghai - CSI Indices (1083:OSD)                               |   |   | Y | Referential, L1                                        |
|                                 | Shanghai - bonds (1469:SHB)                                     |   |   | Y | Referential, L1, L2 MBL Depth10                        |
| Shenzhen Exchange               | Shenzhen Stock Exchange (1231:SHE)                              |   |   | Y | Referential, L1, L2 MBL Depth5, L2 MBL Depth10, L2 MBO |
|                                 | Shenzhen Indices (1410:SHF)                                     |   |   | Y | Referential, L1                                        |
| SGX                             | FTSE Singapore Index Series (1329:FTT)                          |   |   | Y | Referential, L1                                        |
|                                 | SGX FX Futures & Options (1458:SFX)                             |   |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
|                                 | SGX Singapore Exchange Equities (1091:SGX)                      | Y |   | Y | Referential, L1, L2 MBL Depth20, L2 MBO                |
|                                 | Singapore - NZX Dairy Derivatives (1408:SIN)                    | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
|                                 | Singapore SE Derivatives Commodity Futures & Options (1221:SGY) | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
|                                 | Singapore SE Derivatives Index Futures & Options (1222:SGZ)     | Y |   | Y | Referential, L1, L2 MBL Depth10, L2 MBO                |
| Thailand Exchange               | Stock Exchange of Thailand Derivatives (1199:THD) *             |   |   | Y | Referential                                            |
|                                 | Stock Exchange of Thailand Equities (1188:THA)                  |   |   | Y | Referential, L1, L2 MBL Depth5                         |
| Taiwan Futures (Deutsche Borse) | TAIFEX Derivatives Market Ultra (1286:TAK)                      |   | Y | Y | Referential, L1, L2 MBL Depth5                         |
| Taiwan Stock Exchange           | Taiwan Stock Exchange (1273:TAJ)                                |   | Y | Y | Referential, L1, L2 MBL Depth5                         |

(\*)Ref only (\*\*) Ref & EoD

