

Brokers & CTP	LEI	Fixed Income	Equity and ETF	Forex Spot	Depo (authorized FxSpot)	OTC derivatives	Securities lending	Repos	Clearing brokers ETD/OTC	Executing broker ETD
ABN AMRO Bank N.V.	BFX55XCH7N0Y05NIXW11	X	X	X						
AUREL BGC (1)	5RJTDCGZ4559E5IYLD31	X	X	X						X
BANCA AKROS SPA	549300GRXF17D6PNEA68	X	X	X						
BANCA GENERALI - SOCIETA' PER AZIONI O IN FORMA ABBREVIATA: GENERBANCA	815600903231FA2E7698	X	X	X						
BANCA MONTE DEI PASCHI DI SIENA S.P.A.	J4CP7MHCXR8DAQMKIL78	X	X	X						
BANCO BILBAO VIZCAYA ARGENTARIA SOCIEDAD ANONIMA	K8MS7FD7N522WQ51A271	X	X	X		X				
BANCO BPM SOCIETA' PER AZIONI	815600E4E6DCD2D25E30	X	X	X						
BANCO SANTANDER S.A.	5493006QMFDDMYWIAM13	X	X	X				X		X
BANK J. SAFRA SARASIN AG	5493008LFIYKZT5TJ445	X	X	X						
THE BANK OF NEW YORK MELLON	MMYX0N4ZEZ13Z4XCG897	X	X	X						
Bank Vontobel AG	549300L7V4MGECYRM576	X	X	X						
BARCLAYS BANK IRELAND PUBLIC LIMITED COMPANY	2G5BKIC2C869PRJH1W31	X	X	X		X	X			X
BARCLAYS BANK PLC	G5GSEF7VJP517OUK5573	X	X	X		X				X
BARCLAYS CAPITAL SECURITIES LIMITED	K9WDDOH4D2PYB5LSOB484	X	X	X		X				
Basler Kantonalbank	HV5W8PGLJ127N25F5M23	X	X	X		X				
BAYERISCHE LANDESBANK	V0YMYTQGGZ6DU0912C88	X	X	X						
BNP PARIBAS FINANCIAL MARKETS	6EWKU0FVX5QQJHFGT48	X	X	X				X		
BNP PARIBAS SA - LONDON	ROMUWSFPUBMPRO8K5P83	X	X	X		X	X	X		X
BNP PARIBAS SA - PARIS	ROMUWSFPUBMPRO8K5P83	X	X	X	X	X	X	X	X	X
BNP PARIBAS SA German Branch	ROMUWSFPUBMPRO8K5P83	X	X	X	X					
BNP Paribas SA Luxembourg	ROMUWSFPUBMPRO8K5P83	X	X	X	X					
BNP Paribas SA Milan	ROMUWSFPUBMPRO8K5P83	X	X	X	X					
BNP Paribas SA Singapore	ROMUWSFPUBMPRO8K5P83	X	X	X	X					
BNP PARIBAS SA Spain Branch	ROMUWSFPUBMPRO8K5P83	X	X	X	X					
BNP Paribas, Paris, Zurich Branch	ROMUWSFPUBMPRO8K5P83	X	X	X	X					
BOFA SECURITIES EUROPE SA	549300FH0WJAPHTIQ77	X	X	X		X				X
BRED BANQUE POPULAIRE	NICH5Q04ADUV9SN3Q390	X	X	X						
BSG FRANCE SA	969500571AL1NDIREO57	X	X	X						
CAIXABANK SA	7CUN5533WID6K7DGF187	X	X	X						
CITIBANK EUROPE PUBLIC LIMITED COMPANY	N1FBEDJ5J41VKZLQ2475	X	X	X		X	X			
CITIGROUP GLOBAL MARKETS LIMITED	XKZ2ZJZF41MRHTR1V493	X	X	X		X	X			
Citigroup Global Markets Europe AG	6TJCK1B7E7UTXP528Y04	X	X	X						X
COMMERZBANK Aktiengesellschaft	851WYGNLUQLFZBSYGB56	X	X	X		X				
CREDIT AGRICOLE CORPORATE AND INVESTMENT BANK	1VUV7VQFKUOQSJ21A208	X	X	X		X	X	X		
CREDIT INDUSTRIEL ET COMMERCIAL	N4JDFKXKHF2D8RFX039	X	X	X						
DANSKE BANK A/S	MAE5062Z2104RZ2U7M96	X	X	X						
DEUTSCHE BANK AG - LONDON	7LTFWZYICNSX8D621K86	X	X	X		X	X			X
DEUTSCHE BANK AKTIENGESELLSCHAFT	7LTFWZYICNSX8D621K86	X	X	X		X	X		X	X
DZ BANK AG Deutsche Zentral-Genossenschaftsbank, Frankfurt am Main	529900HNOAA1KXQUJQ27	X	X	X						
EQUITA SOCIETA' DI INTERMEDIAZIONE MOBILIARE S.P.A.	815600E3E9BFC8FAA85	X	X	X						
ERSTE GROUP BANK AG	PQOH26KWDF7CG10L6792	X	X	X						
FLOW TRADERS B.V.	549300CLIJ9DXH12XV51	X	X	X						
GFI SECURITIES LIMITED	GUNTJCA81C7IHNBG1392	X	X	X						X
Goldman Sachs Bank Europe SE	8IBZUGJ7JPLH368JE346	X	X	X		X	X	X	X	X
GOLDMAN SACHS INTERNATIONAL	W22LROWP2IHZNB86K528	X	X	X		X	X	X		X
HSBC BANK PLC	MP6I5ZY2BEU3UXPFY54	X	X	X		X				
HSBC CONTINENTAL EUROPE	FOHUI1NY1AZMJMD8LP67	X	X	X		X				X
ING BANK N.V.	3TK20VIUJ8J3ZU0QE75	X	X	X						
INTERMONTE SIM S.P.A.	YMUU1WGHJKORF9E36I98	X	X	X						
INTESA SANPAOLO SPA	984500E048704AGD4A33	X	X	X						
INTESA SANPAOLO SPA	2W8N8U078PMDQKZENC08	X	X	X		X				
JANE STREET NETHERLANDS B.V.	549300AE0DWETJDYFB29	X	X	X						
JEFFERIES GMBH	549300413LZM39BWHQ75	X	X	X						
Joh. Berenberg, Gossler & Co. KG	529900UC2OD7I24Z667	X	X	X						
J.P. Morgan SE	549300ZK53CNGEEI6A29	X	X	X		X	X	X	X	X
J.P. Morgan Dublin plc	549300Q5VVMOFZGJNF15	X	X	X						
JPMorgan Chase Bank, National Association	7H6GLXDRUGQFU57RNE97	X	X	X		X				
J.P. MORGAN SECURITIES LLC	ZBUT11V806EZRTVT807	X	X	X						
J.P. MORGAN SECURITIES PLC	K6QDW1PS1L1O4IQL9C32	X	X	X		X				
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	549300Z0AVQFQ05FVQ15	X	X	X						
KEPLER CHEUVREUX	9695005EOZG9X8IRJD84	X	X	X						
KNG SECURITIES LLP	213800GV759JSGKG9548	X	X	X						
Landesbank Baden-Württemberg	B81CK4ES135472RHJ606	X	X	X						
LANDESBANK HESSEN-THÜRINGEN GIROZENTRALE	DIZES5CF05K3I5R58746	X	X	X						
LLOYDS BANK CORPORATE MARKETS PLC	213800MBWEIJD5CU638	X	X	X						
LLOYDS BANK CORPORATE MARKETS WERTPAPIERHANDELSBANK GMBH	2138008P9NOMBMRROI73	X	X	X						
LUZERNER KANTONALBANK AG	549300C2XK586VQDGV41	X	X	X		X				
MAREX SA	969500AMLHB21RACL168	X	X	X						
MARKETAXESS CAPITAL LIMITED	529900CTXON855AOCB70	X	X	X						
MEDIOBANCA - BANCA DI CREDITO FINANZIARIO S.P.A.	PSNL19R2RXXS3QWHI44	X	X	X		X				
MERRILL LYNCH INTERNATIONAL	GGDZP1UYGU9STUHRDP48	X	X	X		X				
MIZUHO INTERNATIONAL PLC	213800H254TGS4H2KV03	X	X	X						
Mizuho Bank Europe NV	724500ZSA7ZOZHUXB553	X	X	X						
MORGAN STANLEY & CO. INTERNATIONAL PLC	4PQUHN3JPF6GNF38B653	X	X	X		X				
Morgan Stanley Europe SE	54930056HWP7GIWYY08	X	X	X		X	X	X	X	X
MUFG Securities (Europe) N.V.	54930050E05SM7CM2G07	X	X	X						
NATIXIS	KX1WK48MPD4Y2NCUIZ63	X	X	X		X	X			
NatWest Markets N.V.	X3CZP3CK64YBHN01LE12	X	X	X		X	X	X		

NATWEST MARKETS PLC	RR3QWICWIPCS8A4S074	X	X	X		X				
Nomura Financial Products Europe GmbH	5493002XYZOCQG6CB58	X	X	X		X				X
NORRDEUTSCHE LANDESBANK - GIROZENTRALE -	DSNHHQ2B9X5N6OUJ1236	X	X	X						
Nordea Bank Abp	529900ODI3047E2LIV03	X	X	X						
NYKREDIT BANK A/S	52965FONQ5NZKPOWZL45	X	X	X						
OCTO FINANCES SA	969500378YE4MLGK0898	X	X	X						
ODDO BHF SCA	969500219DJH23449O66	X	X	X						
PANTELAKIS SECURITIES S.A.	213800S8FNQ24KTNB18	X	X	X						
PORTZAMPARC	969500DEM67LRGQQT19	X	X	X						
Coöperatieve Rabobank U.A.	DG3RU1DBUFHT4ZF9WN62	X	X	X						
Raiffeisen Bank International AG	9ZHRYM6F437SQJ6OUG95	X	X	X						
Raiffeisen Schweiz Genossenschaft	5299006GIHQ1ELI5CV48	X	X	X		X				
RBC CAPITAL MARKETS (EUROPE) GMBH	549300SXSTGGQY3EA1B18	X	X	X						
REDBURN (FRANCE) SA	213800DXGTBV05RLOC54	X	X	X						
RBC EUROPE LIMITED	TXDSU465XBWIGJ8G8E98	X	X	X						
SMBC Bank EU AG	967600700UF5YB3QP03	X	X	X						
SOCIETE GENERALE	O2RNE8IBXP4R0TD8PU41	X	X	X	X	X				X
SOCIETE GENERALE	O2RNE8IBXP4R0TD8PU41	X	X	X	X	X	X			X
St.Galler Kantonalbank AG	549300GFRG60K00RG957	X	X	X		X				
STANDARD CHARTERED BANK AG	549300WDT1HWUMTUW770	X	X	X		X				
STANDARD CHARTERED BANK	RILF074K1CM8P6PCT96	X	X	X		X				
State Street Bank International GmbH	ZMHGNT7ZPKZ3UFZ8EO46	X	X	X		X				
Stifel Europe Securities SAS	9695005983W1MLJ6EP34	X	X	X						
TD GLOBAL FINANCE UNLIMITED COMPANY	F16C7E5PUB3F9K43B44	X	X	X						
TP ICAP (EUROPE)	213800R54EFFINMY1P02	X	X	X						
TRADEWEB EXECUTION SERVICES B.V.	213800IXX386I5NTC277	X	X	X						
TRADITION SECURITIES AND FUTURES	969500ULCOY1IG0A4O72	X	X	X						
TSAF OTC	969500V058ZSY03FNX80	X	X	X						
UBS AG	BFM8T61CT2L1QCEMIK50	X	X	X		X				X
UBS AG	BFM8T61CT2L1QCEMIK50	X	X	X		X			X	X
UBS Europe SE	5299007QVIQ7IO64NX37	X	X	X		X				X
UniCredit Bank GmbH	22CNRR8UK83OBTEK2170	X	X	X		X		X		X
UniCredit Bank GmbH	22CNRR8UK83OBTEK2170	X	X	X		X				X
UNICREDIT SOCIETA' PER AZIONI	549300TRUWO2CD2G5692	X	X	X		X		X		
VIRTU EUROPE TRADING LIMITED	213800EEC95PRUCEUP63	X	X	X						
WELLS FARGO SECURITIES EUROPE	549300AQW00F758JFF80	X	X	X						
ZÜRCHER KANTONALBANK	165GRDQ39W63PHVONY02	X	X	X		X				

(1) Settlement of cash instruments is performed with GFI EU - Paris (SCD: GFI SECURI PA)