

List of sub-custodians and CSDs



BNP PARIBAS

SECURITIES SERVICES

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The bank for a changing world

Affiliated Sub-Custodians

Country	Affiliated sub-custodian	Location	Corporate Status	Central Security Depositories
AUSTRALIA	BNP PARIBAS AUSTRALIA BRANCH	SYDNEY	Branch	<ul style="list-style-type: none"> ASX Settlement Austraclear
AUSTRIA	BNP PARIBAS S.A. NIEDERLASSUNG DEUTSCHLAND	PARIS	Branch	<ul style="list-style-type: none"> OeKB CSD GmbH
BELGIUM	BNP PARIBAS S.A	PARIS	Branch	<ul style="list-style-type: none"> Euroclear Belgium (EOC BE) National Bank of Belgium (NBB)
BRAZIL	BANCO BNP PARIBAS BRASIL SA	SAO PAULO	Wholly owned Subsidiary	<ul style="list-style-type: none"> Brasil Bolsa Balcão S.A (B3) Sistema Especial de Liquidação e de Custódia (SELIC)
CHILE	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA	BOGOTA	Wholly owned Subsidiary	<ul style="list-style-type: none"> Depósito Central de Valores S.A. (DCV)

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CHINA	BNP PARIBAS CHINA LTD	SHANGHAI	Wholly owned Subsidiary	<ul style="list-style-type: none"> China Securities Depository and Clearing Corp Ltd <u>Shanghai</u> (CSDCC) China Securities Depository and Clearing Corp Ltd <u>Shenzhen</u> Branch (CSDCC) China Central Depository & Clearing Co Ltd (CCDC) Shanghai Clearing House (SCH)
	BNP PARIBAS S.A	HONG KONG	Branch	<ul style="list-style-type: none"> Central Moneymarkets Unit (CMU) (Government Bonds)
COLOMBIA	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA	BOGOTA	Wholly owned Subsidiary	<ul style="list-style-type: none"> Deposito Centralizado De Valores (Deceval) Deposito Centralizado de Valores (DCV)
CYPRUS	BNP PARIBAS S.A, ATHENS BRANCH	ATHENS	Branch	<ul style="list-style-type: none"> Central Securities Depository & Central Registry Cyprus Stock Exchange
FRANCE	BNP PARIBAS S.A	PARIS	Parent	<ul style="list-style-type: none"> Euroclear France
GERMANY	BNP PARIBAS S.A. NIEDERLASSUNG DEUTSCHLAND	FRANKFURT	Branch	<ul style="list-style-type: none"> Clearstream Banking S.A (CBF)
GREECE	BNP PARIBAS S.A, ATHENS BRANCH	ATHENS	Branch	<ul style="list-style-type: none"> HELEX Bank of Greece System (BoGS)
HONG KONG, SAR China	BNP PARIBAS S.A	HONG KONG	Branch	<ul style="list-style-type: none"> Hong Kong Securities Clearing Company (HKSCC)

Country	Affiliated sub-custodian	Location	Corporate Status	Central Security Depositories
				<ul style="list-style-type: none"> Central Money Markets Unit (CMU)- Hong Kong Monetary Authority
HUNGARY	BNP PARIBAS S.A	PARIS	Parent	<ul style="list-style-type: none"> Keler LTD
INDIA	BNP PARIBAS	MUMBAI	Branch	<ul style="list-style-type: none"> The Reserve Bank of India (RBI) National Securities Depository Limited (NSDL) Central Depository Services (India) Limited (CDSL)
IRELAND	BNP PARIBAS	MULTIPLE	Branches	<ul style="list-style-type: none"> Euroclear Bank S.A
ITALY	BNP PARIBAS S.A, SUCCURSALE ITALIA	MILAN	Branch	<ul style="list-style-type: none"> Euronext Securities Milan (Monte Titoli)
NETHERLANDS	BNP PARIBAS S.A	PARIS	Branch	<ul style="list-style-type: none"> Euroclear Netherlands (Necigef)
NEW ZEALAND	BNP PARIBAS, AUSTRALIA BRANCH	SYDNEY	Branch	<ul style="list-style-type: none"> New Zealand Clearing and Depository Corporation (NZCDC) New Zealand Central Securities Depository Limited (NZCSD)
PERU	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA	BOGOTA	Wholly owned Subsidiary	<ul style="list-style-type: none"> CAVALI ICLV S.A.I.C.L.V (CAVALI)

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POLAND	BNP PARIBAS SA, BRANCH IN POLAND	WARSAW	Branch	<ul style="list-style-type: none"> • Central Securities Depository of Poland (KDPW) • Centrala NBP (for solely T-bills)
PORTUGAL	BNP PARIBAS S.A	PARIS	Branch	<ul style="list-style-type: none"> • Euronext Securities Porto (Interbolsa)
SINGAPORE	BNP PARIBAS S.A	SINGAPORE	Branch	<ul style="list-style-type: none"> • Central Depository Pte (CDP) • The Monetary Authority of Singapore
SPAIN	BNP PARIBAS S.A SUCURSAL EN ESPAÑA	MADRID	Branch	<ul style="list-style-type: none"> • Ibearclear
SWITZERLAND	BNP PARIBAS, PARIS, ZURICH BRANCH	ZURICH	Branch	<ul style="list-style-type: none"> • SIX SIS
TURKEY	TURK EKONOMI BANKASI A.S	ISTANBUL	Partially owned subsidiary	<ul style="list-style-type: none"> • Merkezi Kayit Kurulusu A.S. • Central Bank of the Republic of Turkey
UNITED KINGDOM	BNP PARIBAS LONDON BRANCH	LONDON	Branch	<ul style="list-style-type: none"> • Euroclear UK & International Ltd
USA	BNP PARIBAS NEW YORK BRANCH	NEW YORK	Branch	<ul style="list-style-type: none"> • The Depository Trust Company (DTC) • Federal Reserve (FED)

International Central Securities Depositories

International Securities
CLEARSTREAM BANKING SA
EUROCLEAR BANK SA.

Non-affiliated sub custodians

Country	Applicable to clients in WEMEA & APAC regions	Location	Applicable to clients in Americas	Location
ARGENTINA	THE BRANCH OF CITIBANK, NA, IN THE REPUBLIC OF ARGENTINA	BUENOS AIRES	THE BRANCH OF CITIBANK, NA, IN THE REPUBLIC OF ARGENTINA	BUENOS AIRES
ARMENIA	CLEARSTREAM BANKING SA (Eligible securities)	LUXEMBOURG	CLEARSTREAM BANKING SA (Eligible securities)	LUXEMBOURG
BAHRAIN	HSBC BANK MIDDLE EAST LTD	BAHRAIN	STANDARD CHARTERED BANK	BAHRAIN
BANGLADESH	HONG KONG AND SHANGHAI BANKING CORP LIMITED	DHAKA	STANDARD CHARTERED BANK	DHAKA
BOTSWANA	STANDARD CHARTERED BANK BOTSWANA LTD	GABORONE	STANBIC BANK BOTSWANA LIMITED	GABORONE

Country	Applicable to clients in WEMEA & APAC regions	Location	Applicable to clients in Americas	Location
BULGARIA	UNICREDIT BULBANK A.D.	SOFIA	RAIFFEISEN BANK INTERNATIONAL AG Via United Bulgarian Bank AD, Sofia	SOFIA
CANADA	RBC INVESTOR SERVICES TRUST	TORONTO	CIBC MELLON TRUST COMPANY	TORONTO
	CIBC MELLON GLOBAL TRUST COMPANY	TORONTO		TORONTO
CHINA	HSBC BANK (CHINA) COMPANY LIMITED	SHANGHAI	STANDARD CHARTERED BANK (CHINA) LTD	SHANGHAI
CROATIA	UNICREDIT BANK AUSTRIA AG VIENNA	VIENNA	RAIFFEISEN BANK INTERNATIONAL AG <i>via Raiffeisenbank d.d., Zagreb</i>	VIENNA
CZECH REPUBLIC	RAIFFEISEN BANK INTERNATIONAL AG	VIENNA	UNICREDIT BANK CZECH REPUBLIC A.S., PRAGUE	PRAGUE
DENMARK	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)'s IN DENMARK	COPENHAGEN	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)'s IN DENMARK	COPENHAGEN
EGYPT	HSBC BANK EGYPT S.A.E	CAIRO	HSBC BANK EGYPT S.A.E	CAIRO
ESTONIA	AS SEB PANK	TALLINN	SWEDBANK AS	TALLINN
FINLAND	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)'S IN FINLAND	HELSINKI	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)'S IN FINLAND	HELSINKI
FRANCE	ALLFUNDS BANK S.A.U	PARIS	N/A	PARIS
GEORGIA	CLEARSTREAM BANKING SA (Eligible securities)	LUXEMBOURG	CLEARSTREAM BANKING SA (Eligible securities)	LUXEMBOURG
GHANA	STANDARD CHARTERED BANK GHANA LTD	ACCRA	STANBIC BANK GHANA LIMITED	ACCRA
ICELAND	CLEARSTREAM BANKING SA	LUXEMBOURG	CLEARSTREAM BANKING SA	LUXEMBOURG

Country	Applicable to clients in WEMEA & APAC regions	Location	Applicable to clients in Americas	Location
INDONESIA	PT BANK HSBC INDONESIA	JAKARTA	DEUTSCHE BANK AG, JAKARTA BRANCH	JAKARTA
ISRAEL	CITIBANK N.A. ISRAEL	TEL AVIV	BANK LEUMI LE-ISRAEL BM	TEL AVIV
JAPAN	HONG KONG AND SHANGHAI BANKING CORP LIMITED, TOKYO	TOKYO	MIZUHO BANK LIMITED	TOKYO
KAZAHKSTAN	CLEARSTREAM BANKING SA (Eligible securities)	LUXEMBOURG	CLEARSTREAM BANKING SA (Eligible securities)	LUXEMBOURG
KENYA	STANDARD CHARTERED BANK PLC	NAIROBI	STANBIC BANK LIMITED	NAIROBI
KOREA, REPUBLIC OF	HONG KONG AND SHANGHAI BANKING CORP LIMITED, SEOUL	SEOUL	STANDARD CHARTERED KOREA LIMITED	SEOUL
KUWAIT	HSBC BANK MIDDLE EAST LTD	KUWAIT CITY	CITIBANK NA KUWAIT BRANCH	KUWAIT CITY
LATVIA	AS SEB BANKA	RIGA	SWEDBANK AS	RIGA
LITHUANIA	AB SEB BANKAS	VILNIUS	SWEDBANK AB	VILNIUS
MALAYSIA	HSBC BANK MALAYSIA BERHAD, KUALA LUMPUR	KUALA LUMPUR	DEUTSCHE BANK (Malaysia) BERHAD	KUALA LUMPUR
MALTA	CLEARSTREAM BANKING SA	LUXEMBOURG	CLEARSTREAM BANKING SA	LUXEMBOURG
MAURITIUS	HONG KONG AND SHANGHAI BANKING CORP LIMITED, PORT-LOUIS	PORT-LOUIS	STANDARD CHARTERED BANK (MAURITIUS) LIMITED	PORT-LOUIS
MEXICO	BANCO NACIONAL DE MEXICO (CITIBANAMEX)	MEXICO CITY	BANCO S3 CACEIS MEXICO S.A Institución de Banca Múltiple	MEXICO CITY
MOROCCO	CITIBANK MAGHREB S.A	CASABLANCA	BANQUE MAROCAINE POUR LE COMMERCE ET L'INDUSTRIE	CASABLANCA

Country	Applicable to clients in WEMEA & APAC regions	Location	Applicable to clients in Americas	Location
NIGERIA	STANDARD BANK OF SOUTH AFRICA LTD Hub	JOHANNESBURG	STANDARD BANK OF SOUTH AFRICA LTD Hub	JOHANNESBURG
NORWAY	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)' S BRANCH IN NORWAY	OSLO	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)' S BRANCH IN NORWAY	OSLO
OMAN	STANDARD CHARTERED BANK	MUSCAT	STANDARD CHARTERED BANK	MUSCAT
PAKISTAN	DEUTSCHE BANK AG DUBAI BRANCH (HUB)	UAE	DEUTSCHE BANK AG DUBAI BRANCH (HUB)	UAE
PHILIPPINES	HONG KONG AND SHANGHAI BANKING CORP LIMITED, MANILA	MANILA	DEUTSCHE BANK AG, MANILA	MANILA
	DEUTSCHE BANK AG, MANILA	MANILA		
QATAR	HSBC BANK MIDDLE EAST LTD	DOHA	STANDARD CHARTERED BANK	DOHA
ROMANIA	RAIFFEISEN BANK INTERNATIONAL AG AUSTRIA	AUSTRIA	UNICREDIT TIRIAC BANK S.A. BUCHAREST	BUCHAREST
RUSSIA	PJSC ROSBANK	MOSCOW	AO UNICREDIT BANK MOSCOW	MOSCOW
SAUDI ARABIA	HSBC SAUDI ARABIA	RIYADH	HSBC SAUDI ARABIA	RIYADH
SERBIA	UNICREDIT BANK AUSTRIA AG VIENNA	VIENNA	RAIFFEISEN BANK INTERNATIONAL AG Via Raiffeisen Banka a.d., Belgrad	VIENNA
SLOVAK REPUBLIC	RAIFFEISEN BANK INTERNATIONAL AG VIENNA	VIENNA	UNICREDIT BANK CZECH REPUBLIC AND SLOVAKIA, A.S	BRATISLAVA
SLOVENIA	UNICREDIT BANKA SLOVENIJA D.D. LJUBLJANA	LJUBLJANA	UNICREDIT BANK SLOVENIJA D.D.	LJUBLJANA
SOUTH AFRICA	STANDARD BANK OF SOUTH AFRICA LIMITED	JOHANNESBURG	STANDARD CHARTERED BANK	JOHANNESBURG

Country	Applicable to clients in WEMEA & APAC regions	Location	Applicable to clients in Americas	Location
SRI LANKA	HONG KONG AND SHANGHAI BANKING CORP LIMITED, COLOMBO	COLOMBO	DEUTSCHE BANK AG COLOMBO BRANCH	COLOMBO
SWEDEN	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)	STOCKHOLM	SKANDINAVISKA ENSKILDA BANKEN AB (Publ)	STOCKHOLM
TAIWAN, ROC	HSBC BANK (TAIWAN) LIMITED	TAIPEI	STANDARD CHARTERED BANK (TAIWAN) LIMITED	TAIPEI
TANZANIA	STANDARD BANK OF SOUTH AFRICA LTD Hub	JOHANNESBURG	STANDARD BANK OF SOUTH AFRICA LTD Hub	JOHANNESBURG
THAILAND	HONG KONG AND SHANGHAI BANKING CORP LIMITED, BANGKOK	BANGKOK	STANDARD CHARTERED BANK (THAI) PUBLIC COMPANY LIMITED	BANGKOK
TUNISIA	UNION INTERNATIONALE DES BANQUES (SGSS)	TUNIS	UNION INTERNATIONALE DES BANQUES (SGSS)	TUNIS
UGANDA	STANDARD BANK OF SOUTH AFRICA LTD HUB	JOHANNESBURG	STANDARD BANK OF SOUTH AFRICA LTD HUB	JOHANNESBURG
UAE	HSBC BANK MIDDLE EAST LTD.	DUBAI	STANDARD CHARTERED BANK	DUBAI
UKRAINE	CLEARSTREAM BANKING SA (Eligible securities)	LUXEMBOURG	CLEARSTREAM BANKING SA (Eligible securities)	LUXEMBOURG
URUGUAY	BANCO ITAU URUGUAY S.A.	MONTEVIDEO	BANCO ITAU URUGUAY S.A.	MONTEVIDEO
VIETNAM	HSBC BANK (VIETNAM) LTD	HO CHI MINH CITY	STANDARD CHARTERED BANK (VIETNAM) LIMITED	HO CHI MINH CITY
WAEMU	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA <i>WAEMU includes Benin, Burkina Faso, Guinea Bissau, Ivory Coast, Mali, Niger, Senegal, Togo</i>	ABIDJAN	SOCIETE GENERALE DE BANQUE EN COTE D'IVOIRE	ABIDJAN

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