

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"> Australian Securities Exchange (ASX) 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) Center for the Custody an Financial Settlement of Securities (CETIP) 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 Depository and Central Registry of Securities (CDRS)
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) Central Money markets Unit (CMU)

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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"> National Securities Depository Ltd (NSDL) The Reserve Bank of India (RBI) 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 Central Securities Depository Limited (NZDCDC) New Zealand Clearing and Depository Corporation (NZCDC)
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)
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)

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

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

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

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

Country	Applicable to clients in WEMEA & APAC regions	Applicable to clients in Americas	Location
SRI LANKA	HONG KONG AND SHANGHAI BANKING CORP LIMITED, COLOMBO*	DEUTSCHE BANK AG COLOMBO BRANCH	COLOMBO
SWEDEN	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)	SKANDINAVISKA ENSKILDA BANKEN AB (Publ)	STOCKHOLM
TAIWAN, ROC	HSBC BANK (TAIWAN) LIMITED	STANDARD CHARTERED BANK (TAIWAN) LIMITED	TAIPEI
TANZANIA	STANBIC BANK TANZANIA LIMITED	STANDARD CHARTERED BANK TANZANIA LIMITED	DAR ES SALAAM
THAILAND	HONG KONG AND SHANGHAI BANKING CORP LIMITED, BANGKOK	STANDARD CHARTERED BANK (THAI) PUBLIC COMPANY LIMITED	BANGKOK
TUNISIA	UNION INTERNATIONALE DES BANQUES (SGSS)	UNION INTERNATIONALE DES BANQUES (SGSS)	TUNIS
UGANDA	STANDARD BANK OF SOUTH AFRICA LTD HUB	STANDARD BANK OF SOUTH AFRICA LTD HUB	JOHANNESBURG
UAE	HSBC BANK MIDDLE EAST LTD.	STANDARD CHARTERED BANK	DUBAI
UKRAINE	CLEARSTREAM BANKING SA (Eligible securities)	CLEARSTREAM BANKING SA (Eligible securities)	LUXEMBOURG
URUGUAY	BANCO ITAU URUGUAY S.A.	BANCO ITAU URUGUAY S.A.	MONTEVIDEO
VIETNAM	HSBC BANK (VIETNAM) LTD	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>	SOCIETE GENERALE DE BANQUE EN COTE D'IVOIRE	ABIDJAN

**New accounts requests are suspended*

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