

# List of sub-custodians and CSDs

SECURITIES SERVICES



**BNP PARIBAS**

The bank for a changing world

## Affiliated Sub-Custodians

Country	Affiliated sub-custodian	Location	Corporate Status	Central Security Depositories
<b>AUSTRALIA</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	SYDNEY	Branch	<ul style="list-style-type: none"> <li>• Australian Securities Exchange (ASX)</li> <li>• Austraclear</li> </ul>
<b>AUSTRIA</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	FRANKFURT (remote)	Branch	<ul style="list-style-type: none"> <li>• OeKB CSD GmbH</li> </ul>
<b>BELGIUM</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS (remote) / BRUXELLES	Branch	<ul style="list-style-type: none"> <li>• Euroclear Belgium (EOC BE)</li> <li>• National Bank of Belgium (NBB)*</li> </ul>
<b>BRAZIL</b>	BANCO BNP PARIBAS BRASIL SA	SAO PAULO	Wholly owned subsidiary of BNP Paribas SA	<ul style="list-style-type: none"> <li>• BM&amp;F Bovespa</li> <li>• Center for the Custody an Financial Settlement of Securities (CETIP)</li> <li>• Sistema Especial de Liquidação e de Custódia (SELIC)</li> </ul>
<b>CHILI</b>	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA	BOGOTA	Wholly owned subsidiary of BNP Paribas Securities Services SCA	<ul style="list-style-type: none"> <li>• Depósito Central de Valores S.A. (DCV)</li> </ul>

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<b>CHINA</b>	BNP PARIBAS CHINA LTD <i>limited to the Fixed Income Product traded on the China Interbank bond Market</i>	SHANGHAI	Subsidiary of BNP Paribas SA	<ul style="list-style-type: none"> <li>China Securities Depository and Clearing Corp Ltd <u>Shanghai</u> (CSDCC)</li> <li>China Securities Depository and Clearing Corp Ltd <u>Shenzhen</u> Branch (CSDCC)</li> <li>China Central Depository &amp; Clearing Co Ltd (CCDC)</li> <li>Shanghai Clearing House (SCH)</li> </ul>
<b>COLOMBIA</b>	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA	BOGOTA	Wholly owned subsidiary of BNP Paribas Securities Services SCA	<ul style="list-style-type: none"> <li>Deposito Centralizado De Valores (Deceval)</li> <li>Banco de la Republica of Colombia (DCV)</li> </ul>
<b>CYPRUS</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	ATHENS (remote)	Branch	<ul style="list-style-type: none"> <li>Central Depository and Central Registry of Securities (CDRS)</li> </ul>
<b>FRANCE</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS	Branch	<ul style="list-style-type: none"> <li>Euroclear France</li> <li>ID2S S.A</li> </ul>
<b>GERMANY</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	FRANKFURT	Branch	<ul style="list-style-type: none"> <li>Clearstream Banking S.A</li> </ul>
<b>GREECE</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	ATHENS	Branch	<ul style="list-style-type: none"> <li>HELEX</li> <li>Bank of Greece System (BoGS)</li> </ul>
<b>HONG KONG, SAR China</b>	BNP PARIBAS SECURITIES SERVICES S.C.A	HONG KONG	Branch	<ul style="list-style-type: none"> <li>Hong Kong Securities Clearing Company (HKSCC)</li> <li>Central Money markets Unit (CMU)</li> </ul>

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<b>HUNGARY</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	BUDAPEST	Branch	<ul style="list-style-type: none"> <li>• Keler</li> </ul>
<b>INDIA</b>	BNP PARIBAS	MUMBAI	Branch of BNP Paribas SA	<ul style="list-style-type: none"> <li>• National Securities Depository Ltd (NSDL)</li> <li>• The Reserve Bank of India (RBI)</li> <li>• Central Depository Services (India) Limited (CDSL)</li> </ul>
<b>IRELAND</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	LONDON (remote)	Branch	<ul style="list-style-type: none"> <li>• Euroclear UK and Ireland</li> </ul>
<b>ITALY</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	MILAN	Branch	<ul style="list-style-type: none"> <li>• Monte Titoli</li> </ul>
<b>NETHERLANDS</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS (remote)	Branch	<ul style="list-style-type: none"> <li>• Euroclear Netherlands (Necigef)</li> </ul>
<b>NEW ZEALAND</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	SYDNEY (remote)	Branch	<ul style="list-style-type: none"> <li>• New Zealand Central Securities Depository (NZDCSD)</li> <li>• New Zealand Clearing and Depository Corporation (NZCDC)</li> </ul>
<b>PERU</b>	BNP PARIBAS SECURITIES SERVICES SOCIEDAD FIDUCIARIA	BOGOTA (Remote)	Wholly owned subsidiary of BNP Paribas Securities Services SCA	<ul style="list-style-type: none"> <li>• Caja de Valores y Liquidaciones (CAVALI ICLV S.A.)</li> </ul>

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<b>POLAND</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	WARSAW	Branch	<ul style="list-style-type: none"> <li>The Krajowy Depozyt Papierow Wartosciowych (KDPW)</li> <li>NBP (for solely T-bills)</li> </ul>
<b>PORTUGAL</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	PARIS (remote) / LISBOA	Branch	<ul style="list-style-type: none"> <li>Interbolsa</li> </ul>
<b>SINGAPORE</b>	BNP PARIBAS SECURITIES SERVICES S.C.A. <i>(All instruments except Gov. bonds)</i>	SINGAPORE	Branch	<ul style="list-style-type: none"> <li>Central Depository Pte (CDP)</li> <li>The Monetary Authority of Singapore</li> </ul>
<b>SPAIN</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	MADRID	Branch	<ul style="list-style-type: none"> <li>Ibearclear</li> </ul>
<b>SWITZERLAND</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	ZURICH	Branch	<ul style="list-style-type: none"> <li>SIX SIS</li> </ul>
<b>TURKEY</b>	TURK EKONOMI BANKASI A.S	ISTANBUL	Partially owned subsidiary of BNP Paribas SA	<ul style="list-style-type: none"> <li>Merkezi Kayit Kurulusu A.S.</li> <li>Central Bank of the Republic of Turkey</li> </ul>
<b>UNITED KINGDOM</b>	BNP PARIBAS SECURITIES SERVICES S.C.A.	LONDON	Branch	<ul style="list-style-type: none"> <li>Euroclear UK and Ireland</li> </ul>
<b>USA</b>	BNP PARIBAS NEW YORK BRANCH	NEW YORK	Branch of BNP Paribas SA	<ul style="list-style-type: none"> <li>The Depository Trust Company (DTC)</li> </ul>

## International Central Securities Depositories

Name of ICSD
CLEARSTREAM BANKING SA
EUROCLEAR BANK SA.

## Non-affiliated sub custodians

Country	Non-affiliated sub-custodian	Location
<b>ARGENTINA</b>	CITIBANK N.A, BUENOS AIRES BRANCH	BUENOS AIRES
<b>BAHRAIN</b>	HSBC BANK MIDDLE EAST LTD	BAHRAIN
<b>BANGLADESH</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED	DHAKA

<b>Country</b>	<b>Non-affiliated sub-custodian</b>	<b>Location</b>
<b>BENIN</b>	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
<b>BERMUDA</b>	HSBC BANK OF BERMUDA	HAMILTON
<b>BOTSWANA</b>	STANDARD CHARTERED BANK BOTSWANA LTD	GABORONE
<b>BULGARIA</b>	UNICREDIT BULBANK A.D.	SOFIA
<b>BURKINA FASO</b>	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
<b>CANADA</b>	ROYAL BANK OF CANADA (INVESTOR & TREASURY SERVICES )	TORONTO
	CIBC MELLON GLOBAL SECURITIES SERVICES COMPANY	TORONTO
<b>CHINA</b>	HSBC BANK (CHINA) COMPANY LIMITED	SHANGHAI
<b>COSTA RICA</b>	BANCO NACIONAL DE COSTA RICA	SAN JOSÉ

Country	Non-affiliated sub-custodian	Location
<b>CROATIA</b>	UNICREDIT BANK AUSTRIA AG VIENNA	VIENNA (HUB)
<b>CZECH REPUBLIC</b>	RAIFFEISEN BANK INTERNATIONAL AG	VIENNA (HUB)
<b>DENMARK</b>	<i>SKANDINAVISKA ENSKILDA BANKEN AB (publ)'s in Denmark</i>	COPENHAGEN
<b>EGYPT</b>	HSBC BANK EGYPT SAE	CAIRO
<b>ESTONIA</b>	AS SEB PANK	TALLINN
<b>FINLAND</b>	NORDEA BANK AB (publ)	HELSINKI
<b>GHANA</b>	STANDARD CHARTERED BANK GHANA LTD	ACCRA
<b>GUINEA - BISSAU</b>	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
<b>ICELAND</b>	ISLANDSBANKI	REYKJAVIK



<b>Country</b>	<b>Non-affiliated sub-custodian</b>	<b>Location</b>
<b>INDONESIA</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED, JAKARTA	JAKARTA
<b>ISRAEL</b>	CITIBANK N.A. ISRAEL	TEL AVIV
<b>IVORY COAST</b>	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
<b>JAPAN</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED, TOKYO	TOKYO
<b>KAZAKHSTAN</b>	JSC CITIBANK KAZAKHSTAN	ALMATY
<b>KENYA</b>	STANDARD CHARTERED BANK PLC	NAIROBI
<b>KOREA, REPUBLIC OF</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED, SEOUL	SEOUL
<b>KUWAIT</b>	HSBC BANK MIDDLE EAST LTD	KUWAIT CITY
<b>LATVIA</b>	AS SEB BANKA	RIGA

<b>Country</b>	<b>Non-affiliated sub-custodian</b>	<b>Location</b>
<b>LITHUANIA</b>	AB SEB BANKAS	VILNIUS
<b>MALAYSIA</b>	HSBC BANK MALAYSIA BERHAD, KUALA LUMPUR	KUALA LUMPUR
<b>MALI</b>	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
<b>MALTA</b>	CLEARSTREAM BANKING SA	LUXEMBOURG
<b>MAURITIUS</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED, PORT- LOUIS	PORT-LOUIS
<b>MEXICO</b>	BANCO NACIONAL DE MEXICO (CITIBANAMEX)	MEXICO CITY
<b>MOROCCO</b>	BANQUE MAROCAINE POUR LE COMMERCE ET L'INDUSTRIE	CASABLANCA
<b>NAMIBIA</b>	STANDARD BANK OF NAMIBIA LIMITED	WINDHOEK
<b>NIGER</b>	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN

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<b>NIGERIA</b>	STANBIC IBTC BANK	LAGOS
<b>NORWAY</b>	NORDEA BANK AB (publ)	OSLO
<b>OMAN</b>	HSBC BANK OMAN SAOG	MUSCAT
<b>PAKISTAN</b>	CITIBANK N.A. KARACHI	KARACHI
<b>PHILIPPINES</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED, MANILA	MANILA
	STANDARD CHARTERED BANK, PHILIPPINES BRANCH	MAKATI CITY
<b>QATAR</b>	HSBC BANK MIDDLE EAST LTD	DOHA
<b>ROMANIA</b>	CITIBANK EUROPE PLC BUCHAREST BRANCH	BUCHAREST
<b>RUSSIA</b>	<i>PJSC ROSBANK</i>	MOSCOW

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<b>SAUDI ARABIA</b>	HSBC SAUDI ARABIA	RIYADH
<b>SENEGAL</b>	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
<b>SERBIA</b>	UNICREDIT BANK AUSTRIA AG VIENNA	VIENNA (HUB)
<b>SINGAPORE</b>	STANDARD CHARTERED BANK, (Singapore) Limited <i>(Government Bonds only)</i>	SINGAPORE
<b>SLOVAK REPUBLIC</b>	RAIFFEISEN BANK INTERNATIONAL AG VIENNA	BRATISLAVA
<b>SLOVENIA</b>	UNICREDIT BANKA SLOVENIJA D.D. LJUBLJANA	LJUBLJANA
<b>SOUTH AFRICA</b>	STANDARD BANK OF SOUTH AFRICA LIMITED	JOHANNESBURG
<b>SRI LANKA</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED, COLOMBO	COLOMBO
<b>SWEDEN</b>	SKANDINAVISKA ENSKILDA BANKEN AB (publ)	STOCKHOLM

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<b>TAIWAN, ROC</b>	HSBC BANK (TAIWAN) LIMITED	TAIPEI
<b>TANZANIA</b>	STANBIC BANK TANZANIA LIMITED	DAR ES SALAAM
<b>THAILAND</b>	HONG KONG AND SHANGHAI BANKING CORP LIMITED, BANGKOK	BANGKOK
<b>TOGO</b>	STANDARD CHARTERED BANK CÔTE D'IVOIRE SA	ABIDJAN
<b>TUNISIA</b>	UNION INTERNATIONALE DES BANQUES (SGSS)	TUNIS
<b>UGANDA</b>	STANDARD CHARTERED BANK UGANDA LIMITED	KAMPALA
<b>UAE (Dubai)</b>	HSBC BANK MIDDLE EAST LTD. ADX	DUBAI
<b>UAE (Abu Dhabi)</b>	HSBC BANK MIDDLE EAST LTD. NDL	DUBAI
<b>URUGUAY</b>	BANCO ITAU URUGUAY S.A.	MONTEVIDEO

Country	Non-affiliated sub-custodian	Location
<b>VIETNAM</b>	HSBC BANK (VIETNAM) LTD	HO CHI MINH CITY
<b>ZAMBIA</b>	STANDARD CHARTERED BANK PLC	LUSAKA

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