

**CACEIS Network as of December 2018**

<b>COUNTRY</b>	<b>Zone</b>	<b>CUSTODIAN</b>
Argentina	Latin America	Banco Santander Rio S.A.
Australia	Asia - Pacific	HSBC Bank Australia Ltd.
Austria	Western Europe	CACEIS Bank Germany Branch Österreichische Kontrollbank CSD GMBH (OeKB)
Bahrain	Middle East	The Bank of New York Mellon SA/NV, sub HSBC Bank Middle East, Bahrain Branch
Bangladesh	Asia - Pacific	The Hongkong and Shanghai Banking Corporation Limited, Dhaka Branch
Belgium	Western Europe	National Bank of Belgium Euroclear Belgium CACEIS Bank
Bosnia	Eastern Europe	UniCredit Bank d.d.
Botswana	Africa	Standard Chartered Bank Botswana Ltd.
Brazil	Latin America	Santander Securities Services DTVM S.A. Itaú Unibanco SA
Bulgaria	Eastern Europe	Unicredit Bank Austria AG, sub Unicredit Bulbank AD Unicredit Bulbank AD
Canada	North America	CIBC Mellon
Chile	Latin America	Banco Santander Chile Banco de Chile (Citigroup)
China (B-SHG)	Asia - Pacific	HSBC Bank (China) Company Ltd
China (B-SHZ)	Asia - Pacific	HSBC Bank (China) Company Ltd
China (A)	Asia - Pacific	Deutsche Bank China Co Ltd
China (A)	Asia - Pacific	STANDARD CHARTERED BANK (CHINA) LTD
China (A)	Asia - Pacific	China Construction Bank
China (A)	Asia - Pacific	Industrial and Commercial Bank of China
China (A)	Asia - Pacific	Agricultural Bank of China
China (A)	Asia - Pacific	Bank of China
Colombia	Latin America	The Bank of New York Mellon SA/NV, sub Cititrust Colombia S.A. Cititrust Colombia S.A.
Croatia	Eastern Europe	Unicredit Bank Austria AG, sub Zagrebacka Banka d.d. Zagrebacka Banka d.d.
Czech Republic	Eastern Europe	UniCredit Bank Czech Republic and Slovakia, a.s.
Denmark	Northern Europe	Danske Bank
Egypt	Middle East	Citibank NA London, sub Citibank N.A., Cairo Branch Citibank N.A., Cairo Branch
Estonia	Eastern Europe	Unicredit Bank Austria AG, sub SEB Bank, Tallin SEB Bank, Tallin
Finland	Northern Europe	Skandinaviska Enskilda Banken AB, Helsinki
France	Western Europe	Euroclear France S.A. CACEIS Bank
Germany	Western Europe	CACEIS Bank , Germany branch CLEARSTREAM BANKING AG, Frankfurt (CSD) ODDO BHF Frankfurt <sup>(1)</sup>
Ghana	Africa	Standard Chartered Bank Ghana Limited
Greece, Cyprus	Western Europe	HSBC France, Athens branch
Hong-Kong	Asia - Pacific	The Hongkong and Shanghai Banking Corporation Limited
Hungary	Eastern Europe	UniCredit Bank Hungary Zrt.
Iceland	Northern Europe	Arion Bank HF Landsbankinn
ICSD		Clearstream Banking S.A., Luxembourg
India	Asia - Pacific	The Hongkong and Shanghai Banking Corporation Limited, Mumbai Branch
Indonésia	Asia - Pacific	The Hongkong and Shanghai Banking Corporation Limited, Jakarta Branch
Israël	Middle East	Bank Hapoalim B.M.
Italy	Western Europe	CACEIS Bank, Milan Branch Intesa San Paolo S.p.A
Japan	Asia - Pacific	The Hongkong and Shanghai Banking Corporation Limited, Tokyo Branch
Jordan	Middle East	Standard Chartered Bank Jordan branch
Kenya	Africa	Standard Chartered Bank Kenya Ltd.
Korea	Asia - Pacific	The Hongkong and Shanghai Banking Corporation Limited, Seoul Branch Standard Chartered First Bank Korea Limited, Seoul
Kuwait	Middle East	The Bank of New York Mellon SA/NV, sub HSBC Bank Middle East, Kuwait Branch
Latvia	Eastern Europe	Unicredit Bank Austria AG, sub SEB Bank, Tallin SEB Bank, Tallin
Lebanon	Middle East	Banque Libano Française SAL
Lituania	Eastern Europe	Unicredit Bank Austria AG, sub SEB Bank, Tallin SEB Bank, Tallin
Malaysia	Asia - Pacific	HSBC Bank Malaysia Berhad
Mauritius	Africa	Citibank NA London, sub The Hong Kong & Shanghai Banking Corporation Limited, Mauritius Branch Standard Chartered Bank (Mauritius) Limited
Mexico	Latin America	Banco Santander (Mexico) S.A.
Morocco	Africa	Attijariwafa Bank Citibank Maghreb
Netherlands	Western Europe	Euroclear Nederland CACEIS Bank
New Zealand	Asia - Pacific	The Hongkong and Shanghai Banking Corporation Limited, Auckland Branch
Nigeria	Africa	Stanbic IBTC Bank PLC (Standard Bank)
Norway	Northern Europe	DnB NOR Bank ASA
Oman	Middle East	The Bank of New York Mellon SA/NV, sub HSBC Bank Oman S.A.O.G
Pakistan	Asia - Pacific	Standard Chartered Bank (Pakistan) Ltd. Citibank N.A., Karachi Branch

COUNTRY	Zone	CUSTODIAN
Peru	Latin America	Citibank NA London, sub Citibank del Peru S.A. Citibank del Peru S.A.
Philippines	Asia - Pacific	The Hongkong and Shanghai Banking Corporation Limited, Manila Branch
Poland	Eastern Europe	Bank Pekao S.A.
Portugal	Western Europe	Banco Santander Totta
Qatar	Middle East	The Bank of New York Mellon SA/NV, sub HSBC Bank Middle East, Doha Branch
Romania	Eastern Europe	UniCredit Bank S.A.
Russia	Eastern Europe	AO UniCredit Bank, Moscow JSC
Saudi Arabia	Middle East	HSBC Saudi Arabia Limited
Serbia	Eastern Europe	UniCredit Bank Serbia JSC
Singapore	Asia - Pacific	The Hong Kong and Shanghai Banking Corporation Ltd, Singapore Branch
Slovakia	Eastern Europe	UniCredit Bank Czech Republic and Slovakia, a.s.
Slovenia	Eastern Europe	UniCredit Banka Slovenija d.d.
South Africa	Africa	Standard Bank of South Africa Ltd.
Spain	Western Europe	Santander Securities Services S.A.
Sri Lanka	Asia - Pacific	Citibank NA London, sub Citibank N.A. Colombo Branch
Sweden	Northern Europe	Skandinaviska Enskilda Banken AB (SEB)
Switzerland	Western Europe	CACEIS Bank , Switzerland branch SIX SIS AG
Taiwan	Asia - Pacific	HSBC Bank (Taiwan) Ltd.
Thailand	Asia - Pacific	The Hongkong and Shanghai Banking Corporation Limited, Bangkok Branch
Tunisia	Africa	Amen Bank
Turkey	Middle East	Deutsche Bank AS TURKIYE IS BANKASI A.S. <sup>(1)</sup>
UAE	Middle East	The Bank of New York Mellon SA/NV, sub HSBC Bank Middle East, Dubai Branch HSBC Bank Middle East, Dubai Branch
UK-Ireland	Western Europe	HSBC Bank Plc CITIBANK N.A London Branch
USA	North America	Brown Brothers Harriman The Bank of New York Mellon
Vietnam	Asia - Pacific	HSBC Bank (Vietnam) Ltd Standard Chartered Bank, Hanoi Branch
WAEMU	Africa	The Bank of New York Mellon SA/NV, sub Société Générale de Banques en Côte d'Ivoire Standard Chartered Bank Côte d'Ivoire
Zambia	Africa	Stanbic Bank Zambia Ltd.
Zimbabwe	Africa	Standard Chartered Bank (Zimbabwe) Limited

(1) Restricted provider