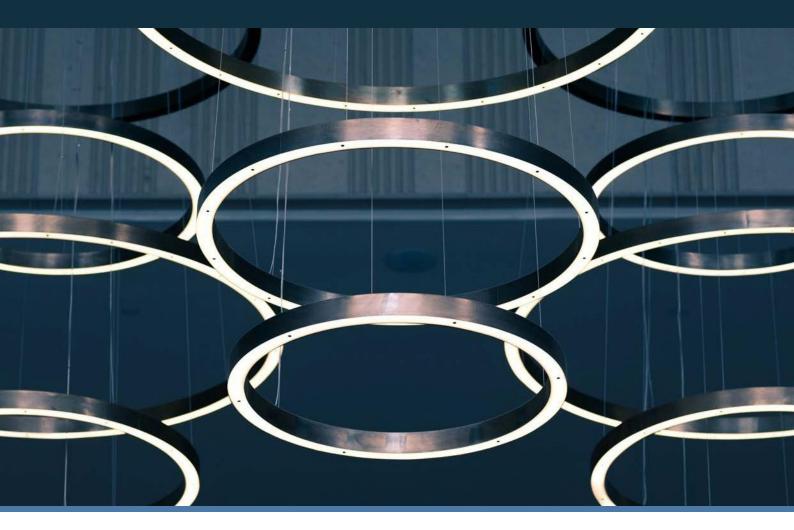
GUIDE | GLOBAL SECURITIES SERVICES



SECURITIES SERVICES

Global Custody Network

J.P. Morgan SE – Dublin Branch



United States

Uruguay

Vietnam

WAEMU

Zambia

Zimbabwe

The following contains details of J.P. Morgan's Securities Services global network of subcustodians, International Central Securities Depositories (ICSDs) and Cash Correspondents (Securities Related Activity) who contract with *J.P. Morgan SE – Dublin Branch* (JPMSE Dub)

Markets Covered

Albania **Hungary** Portugal Iceland Argentina Qatar Australia India Romania <u>Indonesia</u> <u>Austria</u> Russia Ireland Saudi Arabia Bahrain Bangladesh Israel Serbia Belgium Italy Singapore Bermuda Japan Slovak Republic Botswana Jordan Slovenia Brazil Kazakhstan South Africa Bulgaria Kenya South Korea Canada Kuwait Spain Chile Latvia Sri Lanka China A-Share Lithuania Sweden China B-Share Luxembourg Switzerland China Connect Malawi Taiwan Colombia Malaysia Tanzania Costa Rica Mauritius Thailand Mexico Tunisia Croatia <u>Türkiye</u> Morocco Cyprus <u>Uganda</u> Czech Republic **Namibia** Denmark Netherlands Ukraine Egypt New Zealand **United Arab Emirates United Kingdom**

Estonia Nigeria Finland Norway France Oman Georgia Pakistan Germany Panama Ghana Peru Greece **Philippines** Hong Kong Poland

International Central Securities Depositories

Clearstream

Euroclear



2024

1989

1986

Albania Market Added 2024

Service Provider Service Provider Since

Raiffeisen Bank International AG Am Stadtpark 9, 1030 Vienna, Austria

JPMSE Dub Contracts With

 $J.P.\ Morgan\ SE-Luxembourg\ Branch^*\ (\textit{which in turn appoints Raiffeisen Bank International AG)}$

Cash Correspondent (Securities Related Activity)

Raiffeisen Bank International AG

Argentina Market Added 1986

Service Provider Service Provider Since

Citibank NA-Buenos Aires

Bartolome Mitre 530 3rd floor, C1036AAJ, Buenos Aires, Argentina

JPMSE Dub Contracts With

JPMorgan Chase Bank, National Association* (which in turn appoints Citibank NA-Buenos Aires)

Cash Correspondent (Securities Related Activity)

Citibank NA-Buenos Aires

Australia Market Added 1974

Service Provider Service Provider Since

JPMorgan Chase Bank, N.A. - Sydney Branch* Level 18, 85 Castlereagh Street, Sydney, NSW 2000, Australia

JPMSE Dub Contracts With

JPMorgan Chase Bank, N.A. - Sydney Branch*

Cash Correspondent (Securities Related Activity)

Australia and New Zealand Banking Group Ltd.

JPMorgan Chase Bank N.A. - Sydney Branch* (for clients utilizing J.P. Morgan's domestic AUD solution)

Austria Market Added 1986

Service Provider Service Provider Since

UniCredit Bank Austria AG
Rothschildplatz 1, A-1020 Vienna, Austria

JPMSE Dub Contracts With

UniCredit Bank Austria AG

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



1993

1997

Bahrain Market Added 1996

Service Provider Service Provider Since

HSBC Bank Middle East Limited (Bahrain Branch)

4th Floor, Building No 2505, Road No.2832, Al Seef 428, Bahrain

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

HSBC Bank Middle East Limited (Bahrain Branch)

Bangladesh Market Added 1993

Service Provider Service Provider Since

Standard Chartered Bank (Bangladesh Branch)

Portlink Tower, Level-6, 67 Gulshan Avenue, Gulshan, Dhaka 1212, Bangladesh

JPMSE Dub Contracts With

Standard Chartered Bank (Bangladesh Branch)

Cash Correspondent (Securities Related Activity)

Standard Chartered Bank (Bangladesh Branch)

Belgium Market Added 1974

Service Provider Service Provider Since

BNP Paribas SA 2011

16, boulevard des Italiens, 75009 Paris, France

Direct participant of the CSD N/A

JPMSE Dub Contracts With

BNP Paribas SA (for Belgian Bonds settling in the National Bank of Belgium)

JPMSE Dub* is a direct participant of the CSD (accounts are operated through BNP Paribas SA)

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

Bermuda Market Added 1997

Service Provider Service Provider Since

HSBC Bank Bermuda Limited

37 Front Street, Hamilton, HM 11, Bermuda

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

HSBC Bank Bermuda Limited

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



Botswana Market Added 1993

Service Provider **Service Provider Since**

Standard Chartered Bank Botswana Limited

2010

5th Floor, Standard Chartered House, Plot 1124-30 Queens Road, The Mall PO Box 496 Gaborone, Botswana

JPMSE Dub Contracts With

Standard Chartered Bank

Cash Correspondent (Securities Related Activity)

Standard Chartered Bank Botswana Limited

Brazil Market Added 1988

Service Provider Service Provider Since

J.P. Morgan S.A. Distribuidora de Titulos e Valores Mobiliarios* Av. Brigadeiro Faria Lima, 3729, Floor 12, Sao Paulo, SP 04538 905, Brazil

2011

2014

JPMSE Dub Contracts With

JPMorgan Chase Bank, National Association* (which in turn appoints J.P. Morgan S.A. Distribuidora de Titulos e Valores *Mobiliarios**)

Cash Correspondent (Securities Related Activity)

Banco J.P. Morgan S.A.*

Bulgaria Market Added 1997

Service Provider **Service Provider Since**

Citibank Europe plc, Bulgaria Branch

Serdika Offices, 10th Floor, 48 Sitnyakovo Blvd, Sofia, 1505, Bulgaria

JPMSE Dub Contracts With

Citibank Europe plc, Bulgaria Branch

Cash Correspondent (Securities Related Activity)

ING Bank N.V., Sofia Branch

Canada Market Added 1974

Service Provider Service Provider Since

Royal Bank of Canada[†]

1979 155 Wellington Street West, Toronto M5V 3L3, Canada

CIBC Mellon Trust Company[†] 1994

1 York Street, Suite 500, Toronto, Ontario, M5J 0B6, Canada

JPMSE Dub Contracts With

Royal Bank of Canada[†]

CIBC Mellon Trust Company

Cash Correspondent (Securities Related Activity)

Royal Bank of Canada

Canadian Imperial Bank of Commerce (For clients utilizing J.P. Morgan's domestic CAD solution)

CASH CORRESPONDENT (SECURITIES RELATED ACTIVITY) ARE LISTED FOR INFORMATION ONLY

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



2002

Chile Market Added 1988

Service Provider Service Provider Since

Banco Santander Chile Bandera 140, 4th Floor, Santiago, Chile

Banaera 140, 4th Floor, Santiago, Chile

JPMSE Dub Contracts With

Banco Santander Chile

Cash Correspondent (Securities Related Activity)

Banco Santander Chile

China A-Share Market Added 1993

Service Provider Service Provider Since

HSBC Bank (China) Company Limited

33/F, HSBC Building, Shanghai IFC, 8 Century Avenue, Pudong, Shanghai, 200120, The People's Republic of China

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

HSBC Bank (China) Company Limited

China B-Share Market Added 1993

Service Provider Service Provider Since

HSBC Bank (China) Company Limited

1993

33/F, HSBC Building, Shanghai IFC, 8 Century Avenue, Pudong, Shanghai, 200120, The People's Republic of China

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

JPMorgan Chase Bank, N.A. - Hong Kong Branch* (Shenzhen - HKD)

JPMorgan Chase Bank, National Association* (Shanghai - USD)

China Connect Market Added 2014

Service Provider Service Provider Since

The Hongkong and Shanghai Banking Corporation Limited 3/F, HSBC Centre Tower 3, 1 Sham Mong Road, Kowloon, Hong Kong

2024

JPMSE Dub Contracts With

J. P. Morgan SE - Luxembourg Branch* (which in turn appoints The Hongkong and Shanghai Banking Corporation Limited)

Cash Correspondent (Securities Related Activity)

JPMorgan Chase Bank, N.A. - Hong Kong Branch*

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



1997

2023

Service Provider Since

Colombia Market Added 1992

Service Provider Service Provider Since

Cititrust Colombia S.A. Sociedad Fiduciaria Carrera 9 A #99-02, 3rd Floor, Bogota, Colombia

JPMSE Dub Contracts With

Cititrust Colombia S.A. Sociedad Fiduciaria

Cash Correspondent (Securities Related Activity)

Citibank Colombia SA

Costa Rica Market Added 2011

Service Provider Service Provider Since

Banco BCT S.A. 2011

1km West from Estadio Nacional, Rohrmoser Blvd, In front of Plaza Mayor, Edificio BCT Building, San Jose, Costa Rica

JPMSE Dub Contracts With

Banco BCT S.A.

Cash Correspondent (Securities Related Activity)

Banco BCT S.A.

Croatia Market Added 1997

Service Provider Service Provider Since

Privredna banka Zagreb d.d.
Radnicka cesta 50, Zagreb, 10000, Croatia

JPMSE Dub Contracts With

J.P. Morgan SE – Luxembourg Branch* (which in turn appoints Privredna banka Zagreb d.d.)

Cash Correspondent (Securities Related Activity)

Zagrebacka banka d.d.

Cyprus Market Added 1996

BNP Paribas S.A. Athens Branch Leoforos Kifisias 115, Athens 115 24, Greece

Leojoros Kijisias 115, Atriens 115 24, Greet

JPMSE Dub Contracts With

BNP Paribas S.A. Athens Branch

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

Service Provider

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



1995

2019

Czech Republic

Market Added 1994

Service Provider Service Provider Since

UniCredit Bank Czech Republic and Slovakia, a.s.

BB Centrum - FILADELFIE, Zeletavska 1525-1, Prague 1, Prague, 140 92, Czech Republic

JPMSE Dub Contracts With

UniCredit Bank Czech Republic and Slovakia, a.s.

Cash Correspondent (Securities Related Activity)

Ceskoslovenská obchodní banka a.s.

Denmark Market Added 1980

Service Provider Service Provider Since

Direct participant of the CSD

JPMSE Dub Contracts With

J.P. Morgan SE – Luxembourg Branch* (which is a direct participant of the CSD)

Cash Correspondent (Securities Related Activity)

Nordea Bank Abp

Egypt Market Added 1994

Service Provider Service Provider Since

Citibank N.A., Egypt

Level 3, 46, Al Salam Axis Street, First Sector at the Fifth Settlement, New Cairo - Cairo, Egypt

JPMSE Dub Contracts With

Citibank N.A., Egypt

Cash Correspondent (Securities Related Activity)

Citibank N.A., Egypt

Estonia Market Added 1996

Service Provider Service Provider Since

Clearstream Banking S.A.

42 Avenue JF Kennedy, 1855 Luxembourg, Luxembourg

JPMSE Dub Contracts With

JPMorgan Chase Bank, National Association* (which in turn appoints Clearstream Banking S.A. in its capacity as ICSD; Clearstream Banking AG is a direct participant of the CSD)

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



2022

2004

Service Provider Since

Finland Market Added 1984

Service Provider Service Provider Since

Skandinaviska Enskilda Banken AB (publ) Helsingforsfilialen

Eteläesplanadi 18, Helsinki, FI-00130, Finland

JPMSE Dub Contracts With

Skandinaviska Enskilda Banken AB (publ)

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

France Market Added 1977

Service Provider Service Provider Since

BNP Paribas SA 1986

16, boulevard des Italiens, 75009 Paris, France

Direct participant of the CSD N/A

JPMSE Dub Contracts With

BNP Paribas SA (for Physical Securities and Ordre De Mouvement held by Clients)

JPMSE Dub* is a direct participant of the CSD (accounts are operated through BNP Paribas SA)

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

Georgia Market Added 2022

Service Provider Service Provider Since

JSC Bank of Georgia

29A Gagarini str., Tbilisi 0160, Georgia

JPMSE Dub Contracts With

JPMorgan Chase Bank, National Association* (which in turn appoints JSC Bank of Georgia)

Cash Correspondent (Securities Related Activity)

JSC Bank of Georgia

Germany Market Added 1974

Service Provider
Deutsche Bank AG

Taunusanlage 12 D-60325, Frankfurt am Main, Germany

JPMSE Dub Contracts With

Deutsche Bank AG

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



2023

2024

2006

Service Provider Since

Ghana Market Added 1994

Service Provider Service Provider Since

Standard Chartered Bank Ghana PLC

Standard Chartered Bank Building, 87 Independence Avenue, P. O. Box 768, Accra, Ghana

JPMSE Dub Contracts With

Standard Chartered Bank

Cash Correspondent (Securities Related Activity)

Standard Chartered Bank Ghana PLC

Greece Market Added 1988

Service Provider Service Provider Since

BNP Paribas S.A. Athens Branch

Leoforos Kifisias 115, Athens 115 24, Greece

JPMSE Dub Contracts With BNP Paribas S.A. Athens Branch

JPMSE Dub Contracts With

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

Hong Kong Market Added 1974

Service Provider Service Provider Since

The Hongkong and Shanghai Banking Corporation Limited 3/F, HSBC Centre Tower 3, 1 Sham Mong Road, Kowloon, Hong Kong

J. P. Morgan SE - Luxembourg Branch* (which in turn appoints The Hongkong and Shanghai Banking Corporation Limited)

Cash Correspondent (Securities Related Activity)

JPMorgan Chase Bank, N.A. - Hong Kong Branch*

Hungary Market Added 1992

Deutsche Bank AG - Hungary Branch Hold utca 27, Budapest, H-1054, Hungary

JPMSE Dub Contracts With

Service Provider

Deutsche Bank AG - Hungary Branch

Cash Correspondent (Securities Related Activity)

Unicredit Bank Hungary Zrt.

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



2016

Iceland Market Added 2001

Service Provider

Islandsbanki hf.

Hagasmári 3, 201 Kópavogur, Iceland

Service Provider Since 2001

JPMSE Dub Contracts With

Islandsbanki hf.

Cash Correspondent (Securities Related Activity)

Islandsbanki hf.

India Market Added 1991

Service Provider Service Provider Since

JPMorgan Chase Bank, N.A. - Mumbai Branch*

3rd Floor, JP Morgan Tower, OFF C.S.T. Road, Kalina, Santacruz (East), Mumbai 400 098, India

JPMSE Dub Contracts With

JPMorgan Chase Bank, N.A. - Mumbai Branch*

Cash Correspondent (Securities Related Activity)

JPMorgan Chase Bank, N.A. - Mumbai Branch*

Indonesia Market Added 1989

Service Provider Service Provider Since

PT Bank HSBC Indonesia

WTC 3 Building - 8th floor, Jl. Jenderal Sudirman Kav. 29-31, Jakarta, 12920, Indonesia

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

PT Bank HSBC Indonesia

Ireland Market Added 1983

Direct participant of the CSD

Service Provider Since

N/A

JPMSE Dub Contracts With

JPMorgan Chase Bank, National Association* (which is a direct participant of the CSD)

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

Service Provider

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



2010

Israel Market Added 1993

Service Provider Service Provider Since

Bank Leumi le-Israel B.M.

Bank Leumi Campus (Keshev), Building M45 - 3rd Floor, 3 Abba Hillel Silver St., Lod, 7129404, Israel

JPMSE Dub Contracts With

Bank Leumi le-Israel B.M.

Cash Correspondent (Securities Related Activity)

Bank Leumi le-Israel B.M.

Italy Market Added 1979

Service Provider Since

BNP Paribas SA - Succursale Italia

Piazza Lina Bo Bardi 3, Milan, 20124, Italy

JPMSE Dub Contracts With

BNP Paribas SA - Succursale Italia

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

Japan Market Added 1974

Service Provider Service Provider Since

MUFG Bank, Ltd.[†]

1-3-2 Nihombashi Hongoku-cho, Chuo-ku, Tokyo, 103-0021, Japan

Mizuho Bank, Ltd.[†]

2-15-1, Konan, Minato-ku, Tokyo, 108-6009, Japan

JPMSE Dub Contracts With

MUFG Bank, Ltd.[†]

Mizuho Bank, Ltd.[†]

Cash Correspondent (Securities Related Activity)

JPMorgan Chase Bank, N.A. - Tokyo Branch*

Jordan Market Added 1988

Service Provider Service Provider Since

Bank of Jordan PLC 2023

Al-Shmeisani-Abdul Hameed Sharaf St.- Building No.15, PO Box 2140, Amman 11181, Jordan

JPMSE Dub Contracts With

Bank of Jordan PLC

Cash Correspondent (Securities Related Activity)

Bank of Jordan PLC

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



2010

2006

2019

Kazakhstan Market Added 1998

Service Provider Service Provider Since

Citibank Kazakhstan Joint Stock Company

26/41 Zenkov street, Medeu district Almaty, A25T0A1, Kazakhstan

JPMSE Dub Contracts With

J.P. Morgan SE* (which in turn appoints Citibank Kazakhstan Joint Stock Company)

Cash Correspondent (Securities Related Activity)

Joint Stock Company Halyk Bank of Kazakhstan

Kenya Market Added 1994

Service Provider Since

Standard Chartered Bank Kenya Limited

Chiromo, 48 Westlands Road, Nairobi, 00100, Kenya

JPMSE Dub Contracts With

Standard Chartered Bank

Cash Correspondent (Securities Related Activity)

Standard Chartered Bank Kenya Limited

Kuwait Market Added 2006

Service Provider Service Provider Since

HSBC Bank Middle East Limited (Kuwait Branch)

Al Hamra Tower, Floor 37, Abdulaziz Al Sager Street, Sharq Area, Kuwait City, Kuwait

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

HSBC Bank Middle East Limited (Kuwait Branch)

Latvia Market Added 1997

Service Provider Service Provider Since

Clearstream Banking S.A.

42 Avenue JF Kennedy, 1855 Luxembourg, Luxembourg

JPMSE Dub Contracts With

JPMorgan Chase Bank, National Association* (which in turn appoints Clearstream Banking S.A. in its capacity as ICSD; Clearstream Banking AG is a direct participant of the CSD)

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



Lithuania Market Added 1997

Service Provider Service Provider Since

Clearstream Banking S.A.

2019

42 Avenue JF Kennedy, 1855 Luxembourg, Luxembourg

JPMSE Dub Contracts With

JPMorgan Chase Bank, National Association* (which in turn appoints Clearstream Banking S.A. in its capacity as ICSD; Clearstream Banking AG is a direct participant of the CSD)

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

Luxembourg Market Added 1984

Service Provider Service Provider Since

Clearstream Banking S.A.

2021

1997

42 Avenue JF Kennedy, 1855 Luxembourg, Luxembourg

JPMSE Dub Contracts With

JPMorgan Chase Bank, National Association* (which in turn appoints Clearstream Banking S.A.in its capacity as ICSD; Clearstream S.A. is a direct participant of the CSD)

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

Market Added 2011

Service Provider Service Provider Since

Standard Bank PLC 2011

Kaomba Centre, Cnr Glyn Jones Road & Victoria Avenue, P.O. Box 1111, Blantyre, Malawi

JPMSE Dub Contracts With

The Standard Bank of South Africa Limited

Cash Correspondent (Securities Related Activity)

Standard Bank PLC

Market Added 1986

Service Provider Service Provider Since

HSBC Bank Malaysia Berhad

19F, Menara IQ, Lingkaran TRX, 55188 Tun Razak Exchange, Kuala Lumpur, Malaysia

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

HSBC Bank Malaysia Berhad

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



Market Added 1994

Service Provider Service Provider Since

The Hongkong and Shanghai Banking Corporation Limited – Mauritius Branch

1994

Securities Services, Custody and Clearing Department, 5F, Iconebene 1 Building, Lot 441, Rue de L'institut, Ebene, Mauritius

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

The Hongkong and Shanghai Banking Corporation Limited – Mauritius Branch

Mexico Market Added 1981

Service Provider Service Provider Since

Banco Citi México S.A., Institución de Banca Múltiple, Integrante del Grupo Financiero Citi México

The Summit 25 Floor Prolongación Paseo de la Reforma 1196 Col. Santa Fe Cuajimalpa, CP 05348 Ciudad de México, México

JPMSE Dub Contracts With

Banco Citi México S.A., Institución de Banca Múltiple, Integrante del Grupo Financiero Citi México

Cash Correspondent (Securities Related Activity)

Banco Santander (Mexico) S.A. Institucion de Banca Multiple, Grupo Financiero SM

Morocco Market Added 1993

Service Provider Service Provider Since

Citibank Maghreb S.A.

2024

1996

Zénith Millénium, Immeuble 1, Sidi Maarouf - B.P. 40, Casablanca, 20190, Morocco

JPMSE Dub Contracts With

J. P. Morgan SE - Luxembourg Branch* (which in turn appoints Citibank Maghreb S.A.)

Cash Correspondent (Securities Related Activity)

Attijariwafa Bank

Namibia Market Added 1996

Service Provider Service Provider Since

Standard Bank Namibia Limited

Erf 137, Standard Bank Centre, Chasie Street, Hill Top, Kleine Kuppe, Windhoek, Namibia

JPMSE Dub Contracts With

The Standard Bank of South Africa Limited

Cash Correspondent (Securities Related Activity)

The Standard Bank of South Africa Limited

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



1998

2021

Netherlands Market Added 1974

Service Provider Service Provider Since

BNP Paribas SA 2009

16, boulevard des Italiens, 75009 Paris, France

Direct participant of the CSD N/A

JPMSE Dub Contracts With

BNP Paribas SA

JPMSE Dub* is a direct participant of the CSD (accounts are operated through BNP Paribas SA)

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

New Zealand Market Added 1986

Service Provider Service Provider Since

JPMorgan Chase Bank, N.A. - New Zealand Branch*

Generator Bowen, 40 Bowen Street, Pipitea, Wellington 6011, New Zealand

JPMSE Dub Contracts With

JPMorgan Chase Bank, N.A. - New Zealand Branch*

Cash Correspondent (Securities Related Activity)

ANZ Bank New Zealand Limited

JPMorgan Chase Bank, N.A. - New Zealand Branch* (for clients utilizing J.P. Morgan's domestic solution).

Nigeria Market Added 1998

Service Provider Service Provider Service Provider Since

Stanbic IBTC Bank Ltd

IBTC Place, Walter Carrington Crescent, Victoria Island, Lagos, Nigeria

JPMSE Dub Contracts With

The Standard Bank of South Africa Limited

Cash Correspondent (Securities Related Activity)

Stanbic IBTC Bank Ltd

Norway Market Added 1982

Service Provider Service Provider Since

Skandinaviska Enskilda Banken AB (publ) Oslofilialen

Filipstad Brygge 1, Oslo, N-0252, Norway

JPMSE Dub Contracts With

Skandinaviska Enskilda Banken AB (publ)

Cash Correspondent (Securities Related Activity)

Nordea Bank Abp

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



1992

2020

1992

Oman Market Added 1996

Service Provider Service Provider Since

Standard Chartered Bank - Oman Branch

Super Plaza, 6th Floor, Building 340, Way 4805, Azaiba North Plot 72, Sultanate of Oman

JPMSE Dub Contracts With

Standard Chartered Bank - Oman Branch

Cash Correspondent (Securities Related Activity)

Sohar International Bank SAOG

Pakistan Market Added 1991

Service Provider Service Provider Since

Standard Chartered Bank (Pakistan) Limited

P.O. Box 5556, Ismail Ibrahim Chundrigar Road, Karachi 74000, Pakistan

JPMSE Dub Contracts With

Standard Chartered Bank (Pakistan) Limited

Cash Correspondent (Securities Related Activity)

Standard Chartered Bank (Pakistan) Limited

Panama Market Added 2020

Service Provider Service Provider Since

Citibank, N.A. Panama Branch

Punta Pacifica, Calle Punta Darien, Torre De Las Americas, Torre B, Piso 14, Panama, Panama

JPMSE Dub Contracts With

Citibank, N.A. Panama Branch

Cash Correspondent (Securities Related Activity)

Citibank, N.A. Panama Branch

Peru Market Added 1992

Service Provider Service Provider Since

Citibank del Perú S.A.

Av. Canaval y Moreyra 480, 3rd Floor, San Isidro, Lima, 15047, Peru

JPMSE Dub Contracts With

Citibank del Perú S.A.

Cash Correspondent (Securities Related Activity)

Citibank del Perú S.A.

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



Philippines Market Added 1978

Service Provider Service Provider Since

The Hongkong and Shanghai Banking Corporation Limited – Philippine Branch 5th Floor, HSBC Centre, 3058 Fifth Avenue West, Bonifacio Global City, Taguig City, 1634, Philippines

1986

1993

2010

2004

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

The Hongkong and Shanghai Banking Corporation Limited – Philippine Branch

Poland Market Added 1993

Service Provider Since

Bank Handlowy w. Warszawie S.A. ul. Senatorska 16, Warsaw, 00-923, Poland

JPMSE Dub Contracts With

Bank Handlowy w. Warszawie S.A.

Cash Correspondent (Securities Related Activity)

mBank S.A.

Portugal Market Added 1985

Service Provider Service Provider Since

BNP Paribas SA

16, boulevard des Italiens, 75009 Paris, France

JPMSE Dub Contracts With

BNP Paribas SA

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

Qatar Market Added 2004

Service Provider Service Provider Since

HSBC Bank Middle East Limited (Qatar Branch)

Building 150, Al Matar Street (Airport road), Ummghuwalina area, Qatar

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

The Commercial Bank (P.Q.S.C.)

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



Romania Market Added 1997

Service Provider Service Provider Since

Citibank Europe plc, Dublin – Romania Branch

82-94 Buzești Street, Țiriac Tower Building, 1st floor, 1st district, Bucharest, Romania

JPMSE Dub Contracts With

Citibank Europe plc, Dublin – Romania Branch

Cash Correspondent (Securities Related Activity)

ING Bank N.V.

Russia Market Added 1995

Service Provider Service Provider Since

Commercial Bank "J.P. Morgan Bank International" (Limited Liability Company)* 10, Butyrsky Val, White Square Business Centre, Floor 12, Moscow, 125047, Russia

1995

2018

2005

Service Provider Since

JPMSE Dub Contracts With

Commercial Bank "J.P. Morgan Bank International" (Limited Liability Company)*

Cash Correspondent (Securities Related Activity)

Commercial Bank "J.P. Morgan Bank International" (Limited Liability Company)* (RUB) JPMorgan Chase Bank, National Association* (USD)

Saudi Arabia Market Added 2006

Service Provider Service Provider Since

J.P. Morgan Saudi Arabia Company*

Al Faisaliah Tower, Level 8, P.O. Box 51907, Riyadh, 11553, Saudi Arabia

JPMSE Dub Contracts With

J.P. Morgan Saudi Arabia Company*

Cash Correspondent (Securities Related Activity)

Riyad Bank

Service Provider

Serbia Market Added 2005

UniCredit Bank Serbia JSC Belgrade

Rajiceva 27-29, Belgrade, 11000, Serbia

JPMSE Dub Contracts With

UniCredit Bank Serbia JSC Belgrade

Cash Correspondent (Securities Related Activity)

UniCredit Bank Serbia JSC Belgrade

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



Singapore Market Added 1974

Service Provider

DBS Bank Ltd

Perennial Business City, 1 Venture Ave, #05-06, Singapore 608521

Service Provider Since 2006

JPMSE Dub Contracts With

DBS Bank Ltd

Cash Correspondent (Securities Related Activity)

Oversea-Chinese Banking Corporation

Slovak Republic

Market Added 1995

Service Provider Since

Service Provider Since

Service Provider

UniCredit Bank Czech Republic and Slovakia, a.s. Pobocka Zahranicnej Banky

2003

1997

2006

Sancova 1/A, Bratislava, SK-813 33, Slovak Republic

JPMSE Dub Contracts With

UniCredit Bank Czech Republic and Slovakia, a.s. Pobocka Zahranicnej Banky

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

Slovenia Market Added 1997

Service Provider

UniCredit Banka Slovenija d.d. Ameriška ulica 2, 1000 Ljubljana, Slovenia

JPMSE Dub Contracts With

UniCredit Banka Slovenija d.d.

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

South Africa Market Added 1993

Service Provider

Service Provider Since

FirstRand Bank Limited

4 Merchant Place, Corner Fredman Drive & Rivonia Road, Sandton, South Africa 2196

JPMSE Dub Contracts With

FirstRand Bank Limited

Cash Correspondent (Securities Related Activity)

The Standard Bank of South Africa Limited

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



2015

1991

2021

South Korea Market Added 1992

Service Provider Service Provider Since

Standard Chartered Bank Korea Limited[†]

47 Jongro, Jongro-Gu, Seoul, 3160, South Korea

Kookmin Bank Co., Ltd.[†]

26 Gukjegeumyung-ro 8-gil, Yeongdeungpo-gu, South Korea

JPMSE Dub Contracts With

Standard Chartered Bank Korea Limited[†]

Kookmin Bank Co., Ltd.[†]

Cash Correspondent (Securities Related Activity)

Standard Chartered Bank Korea Limited[†]

Kookmin Bank Co., Ltd.[†]

Spain Market Added 1974

Service Provider Service Provider Since

CACEIS Bank Spain, S.A.U. 2002

Parque Empresarial La Finca, Paseo Club Deportivo 1, Edificio 4, Planta 2, Pozuelo de Alarcón, Madrid, 28223, Spain

JPMSE Dub Contracts With

CACEIS Bank Spain, S.A.U.

Cash Correspondent (Securities Related Activity)

J.P. Morgan SE*

Sri Lanka Market Added 1991

Service Provider Service Provider Since

The Hongkong and Shanghai Banking Corporation Limited (Sri Lanka Branch)

24 Sir Baron Jayatillaka Mawatha, Colombo, 1, Sri Lanka

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

The Hongkong and Shanghai Banking Corporation Limited (Sri Lanka Branch)

Sweden Market Added 1978

Service Provider Service Provider Since

Skandinaviska Enskilda Banken AB (publ)

Kungsträdgårdsgatan 8, Stockholm, 11147, Sweden

JPMSE Dub Contracts With

Skandinaviska Enskilda Banken AB (publ)

Cash Correspondent (Securities Related Activity)

Nordea Bank Abp, Sweden

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[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



Switzerland Market Added 1978

Service Provider Service Provider Since

Direct participant of the CSD

rvice Provider Since N/A

JPMSE Dub Contracts With

J.P. Morgan SE – Luxembourg Branch* (which is a direct participant of the CSD)

Cash Correspondent (Securities Related Activity)

UBS Switzerland AG

Taiwan Market Added 1991

Service Provider Since

The Standard Chartered Bank (Taiwan) Limited

2024

Main Floor, No. 179, Liaoning St. Zhongshan District, Taipei 10487, Taiwan

JPMSE Dub Contracts With

J. P. Morgan SE - Luxembourg Branch* (which in turn appoints The Standard Chartered Bank (Taiwan) Limited)

Cash Correspondent (Securities Related Activity)

The Standard Chartered Bank (Taiwan) Limited

Tanzania Market Added 2012

Clients may be required to upgrade certain clauses in their existing agreement prior to entry

Service Provider

Service Provider Since 2012

Stanbic Bank Tanzania Limited

P.O. Box 72647, Corner: Kinondoni & A.H Mwinyi roads, Dar Es Salaam, Tanzania

JPMSE Dub Contracts With

The Standard Bank of South Africa Limited

Cash Correspondent (Securities Related Activity)

Stanbic Bank Tanzania Limited

Thailand Market Added 1984

Service Provider Service Provider Since

Standard Chartered Bank (Thai) Public Company Limited

140 Wireless Building, 140 Wireless Road, Lumpini, Patumwan, Bangkok 10330, Thailand

1990

JPMSE Dub Contracts With

Standard Chartered Bank

Cash Correspondent (Securities Related Activity)

Standard Chartered Bank (Thai) Public Company Limited

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



2010

2014

Service Provider Since

Tunisia Market Added 1993

Service Provider Service Provider Since

Union Internationale de Banques

10 Rue Egypt Lafayette, 1002 Tunis-Belvedere, Lafayette – Tunis, Tunisia

JPMSE Dub Contracts With

Union Internationale de Banques

Cash Correspondent (Securities Related Activity)

Banque Internationale Arabe de Tunisie S.A.

Türkiye Market Added 1989

Service Provider Service Provider Since

Citibank, A.S.

Tekfen Tower, Eski Buyukdere Cad No:209 K:2, Levent, Istanbul, 34394, Türkiye

JPMSE Dub Contracts With

Citibank, A.S.

Cash Correspondent (Securities Related Activity)

JPMorgan Chase Bank National Association Merkezi Columbus Ohio Istanbul Türkiye Şubesi

Uganda Market Added 2010

Service Provider Service Provider Since

Standard Chartered Bank Uganda Ltd

5 Speke Road, PO Box 7111, Kampala, Uganda

JPMSE Dub Contracts With

Standard Chartered Bank

Cash Correspondent (Securities Related Activity)

Standard Chartered Bank Uganda Ltd

Ukraine Market Added 1999

Restricted Service only. Please contact your Client Service Team for further information.

Service Provider

Joint Stock Company "Citibank"

16-G Dilova Street, Kiev, 03150, Ukraine

JPMSE Dub Contracts With

Joint Stock Company "Citibank"

Cash Correspondent (Securities Related Activity)

JPMorgan Chase Bank, National Association*
Joint Stock Company "Citibank"

CASH CORRESPONDENT (SECURITIES RELATED ACTIVITY) ARE LISTED FOR INFORMATION ONLY

^{*}J.P. MORGAN AFFILIATE

[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



United Arab Emirates

Market Added 2001

DFM Exchange opened in 2001, NASDAQ Dubai was added in 2006 followed by ADX in 2007

Service Provider Since

HSBC Bank Middle East Limited (United Arab Emirates Branch)

HSBC Tower, Level 16, Downtown Dubai, Dubai, United Arab Emirates

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

First Abu Dhabi Bank P.J.S.C.

Market Added **1974**

Service Provider

Service Provider Since

Direct participant of the CSD

United Kingdom

N/A

JPMSE Dub Contracts With

JPMorgan Chase Bank, National Association* (which is a direct participant of the CSD)

Cash Correspondent (Securities Related Activity)

JPMorgan Chase Bank, N.A. - London Branch*

United States

Market Added N/A

Service Provider Service Provider Since

JPMorgan Chase Bank, National Association*
383 Madison Avenue, New York 10017, United States

N/A

JPMSE Dub Contracts With

JPMorgan Chase Bank, National Association*

Cash Correspondent (Securities Related Activity)

JPMorgan Chase Bank, National Association*

Uruguay Market Added 1992

Banco Itaú Uruguay S.A.

Service Provider

Service Provider Since

1993

Dr. Luis Bonavita 1266 Torre IV, Piso 4, Montevideo, 11300, Uruguay

JPMSE Dub Contracts With

Banco Itaú Uruguay S.A.

Cash Correspondent (Securities Related Activity)

Banco Itaú Uruguay S.A.

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[†] CLIENTS SHOULD REFER TO THEIR ISSUED SETTLEMENT INSTRUCTIONS



2012

Vietnam Market Added 2001

Service Provider Service Provider Since

HSBC Bank (Vietnam) Ltd.

The Metropolitan, 235 Dong Khoi, Sai Gon Ward, Ho Chi Minh City, Vietnam

JPMSE Dub Contracts With

The Hongkong and Shanghai Banking Corporation Limited

Cash Correspondent (Securities Related Activity)

HSBC Bank (Vietnam) Ltd.

WAEMU (Ivory Coast, Benin, Burkina Faso, Guinea Bissau, Mali, Niger, Senegal and Togo)

Market Added 1996

Clients may be required to upgrade certain clauses in their existing agreement prior to entry

Service Provider

Service Provider Since

Standard Chartered Bank Côte d'Ivoire SA

23 Boulevard de la République, Abidjan 17, 17 B.P. 1141, Côte d'Ivoire

JPMSE Dub Contracts With

Standard Chartered Bank

Cash Correspondent (Securities Related Activity)

Standard Chartered Bank Côte d'Ivoire SA

Zambia Market Added 1994

Service Provider Service Provider Since

Standard Chartered Bank Zambia Plc

2010

Stand No. 4642, Cnr Mwaimwena Road and Addis Ababa Drive, P.O. Box 32238, Lusaka, Zambia

JPMSE Dub Contracts With

Standard Chartered Bank

Cash Correspondent (Securities Related Activity)

Standard Chartered Bank Zambia Plc

Zimbabwe Market Added 1994

Clients may be required to upgrade certain clauses in their existing agreement prior to entry

Service Provider

Service Provider Since

2012

Stanbic Bank Zimbabwe Ltd

Stanbic Centre, 3rd Floor, 59 Samora Machel Avenue, Harare, Zimbabwe

JPMSE Dub Contracts With

The Standard Bank of South Africa Limited

Cash Correspondent (Securities Related Activity)

Stanbic Bank Zimbabwe Limited

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Additionally, clients may refer to the "ICSD Service Guide" within the Investor Publications section of Market Intelligence for more details on J.P. Morgan's Global Custody product offering for the settlement and safekeeping of assets at Euroclear and Clearstream.

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