

## CODE-1 Plus™ International

Version 1.8.5

# International Postal Database Q2 2019 Release Notes

This document contains information on the CODE-1 Plus™ International 1.8.5 Second Quarter 2019 International Postal Database release.

### Contents:

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What's New	2
Installation	6
Country Levels	7

## What's New

The Second Quarter 2019 International Postal Database contains updated country data. For a complete list of countries and the level at which the database recognizes countries, see [here](#).

**Note:** Although the Second Quarter 2019 database is compatible with the previous CODE-1 Plus™ International 1.8.4 software versions, it is highly recommended that you install the CODE-1 Plus™ International 1.8.5 software to benefit from the enhancements included in the 1.8.5 release. The CODE-1 Plus™ International 1.8.5 software release contains enhancements that improve address matching for all countries.

For information on installing the Second Quarter 2019 International Postal Database, see the [installation instructions](#) for your respective platform.

## Updated Country Data

The following countries have been updated for the Second Quarter 2019 database.

Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3	Changes
Angola	AO	AGO	<b>New:</b> Updated locality listing. Sub-locality, street, and synonym information added.
Aland Islands	AX	ALA	<b>New:</b> Complete street directory.
Australia	AU	AUS	
Austria	AT	AUT	Standard data set, (Data.House), (Data.Street).
Croatia	HR	HRV	
Djibouti	DJ	DJI	<b>New:</b> Updated province and locality listing. Sub-localities and streets added.
Denmark	DK	DNK	

Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3	Changes
El Salvador	SV	SLV	<b>New:</b> Post office information added.
Estonia	EE	EST	
Faroe Islands	FO	FRO	<b>New:</b> The data set has been upgraded to the premises level.
Finland	FI	FIN	
Germany	DE	DEU	
Hungary	HU	HUN	Standard data set, (GeoX).
Iceland	IS	ISL	
Kazakhstan	KZ	KAZ	<b>New:</b> Postcode directory on the premises level reflecting new postcode system.
Kyrgyzstan	KG	KGZ	
Latvia	LV	LVA	
Luxembourg	LU	LUX	
Malaysia	MY	MYS	
Mexico	MX	MEX	
New Zealand	NZ	NZL	Standard data set, (PAF).
North Macedonia	MK	MKD	<b>New:</b> Street-level data. Province and sub-locality information added. Locality listing updated.
Norway	NO	NOR	Standard data set, (Adresseregister).
Poland	PL	POL	
Portugal	PT	PRT	

Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3	Changes
Russian Federation	RU	RUS	Standard data set.
Serbia	RS	SRB	
Slovakia	SK	SVK	
Slovenia	SI	SVN	
South Africa	ZA	ZAF	
Spain	ES	ESP	
Svalbard and Jan Mayen	SJ	SJM	
Switzerland	CH	CHE	
Togo	TG	TGO	<b>New:</b> Updated locality listing. Sub-localities and post offices added.
Tonga	TO	TON	<b>New:</b> Updated locality listing. Sub-localities, streets, post offices, and synonyms added.
Ukraine	UA	UKR	
United Kingdom	GB	GBR	
Uruguay	UY	URY	

## Additional Information

### New Data Added

Pitney Bowes is pleased to announce that, in addition to the regular updates in the CODE-1 Plus™ International 1.8.5 Second Quarter 2019 International Postal Database release, we have integrated new:

- Street listings for the **Aland Islands** and **Djibouti**
- Premise-level data for the **Faroe Islands**

## Country Level Updates

The following countries have moved from B-level to A-level:

- **Angola (AGO)**
- **Aland Islands (ALA)**
- **Djibouti (DJI)**
- **Kazakhstan (KAZ)**
- **Togo (TGO)**
- **Tonga (TON)**

## New Postcode System for Kazakhstan (KAZ)

The introduction of a new postcode system in Kazakhstan has resulted in new premise-level postcode data in the Second Quarter 2019 release of the Universal *POST\*CODE*® DataBase.

The new Kazakhstan postcode consists of seven alpha-numeric characters and represents delivery at the regional centre, district, and post office level. An exact description of the new Kazakhstan postcode composition will follow in the Postal Addressing System publication.

## Resolved Issues

The CODE-1 Plus™ International 1.8.5 Second Quarter 2019 International Postal Database release resolves the following issue:

- **CPI-426** — Resolved an issue with German address matching that caused an erroneous change of city.

## Database Compatibility

Although the Second Quarter 2019 International Postal Database is compatible with the previous CODE-1 Plus™ International 1.8.4 software versions, it is highly recommended that you install the CODE-1 Plus™ International 1.8.5 software to benefit from the enhancements included in the 1.8.5 release. The key structure of the databases remains the same.

# Installation

## Installation Overview

The International Postal Database file is over 7 GB in size. Media delivery has been discontinued.

- **Windows, Linux, and Unix**—The CODE-1 Plus™ International 1.8.5 Second Quarter 2019 International Postal Database (ASCII files) is available on the Pitney Bowes Software and Data Marketplace at <https://pbs-access.pitneybowes.com>.
- **Mainframe**—The CODE-1 Plus™ International 1.8.5 Second Quarter 2019 Database (EBCDIC files) is available on the Pitney Bowes Software and Data Marketplace at <https://pbs-access.pitneybowes.com>. You must use the JCL members ICPALOCF and ICPDBIND provided with the 1.8.5 software load to install the Second Quarter 2019 International Postal Database.

## Installing on Windows

1. Download the database from the Pitney Bowes Software and Data Marketplace at <https://pbs-access.pitneybowes.com>. The database is downloaded as a zip file. Unzip the database before proceeding with the installation.
2. Select **Start > Programs > CODE-1 Plus International > Database Load**.
3. Specify the path for the file(s) you extracted by using the browse feature. Click **Open**.
4. Click **Browse** to change to a new location or **Next** to accept this path. When browsing, once you have reached the folder containing the extracted file(s), highlight any file and click **Open**, then **Next**.
5. Loading begins and a progress bar displays. When this completes, you are returned to the Database Load Utility screen to carry out any other database installations.

## Installing on Unix or Linux

1. Download the database from the Pitney Bowes Software and Data Marketplace at <https://pbs-access.pitneybowes.com>. The database is downloaded as a zip file. Unzip the database before proceeding with the installation.
2. Source the `<ICP Location>/bin/setup` script.

3. From <ICP Location>/bin, enter the `installdb` command to run the database loader.
4. Follow the prompts during the rest of the installation process.

## Installing on z/OS

1. Download the database from the Pitney Bowes Software and Data Marketplace at <https://pbs-access.pitneybowes.com>. The database is downloaded as a zip file. Unzip the database before proceeding with the installation.
2. Store the files on a local drive/directory.
3. Log onto your mainframe and locate the installation library for CODE-1 Plus™ International.
4. Locate DASD space to accommodate the product database. Note: Approximately 9000 cylinders are needed to load the database.
5. Locate and customize the ICPALOCF member to suit your site standards, then submit the member. The ICPALOCF member will allocate temporary/sequential file(s) on the mainframe, then upload the downloaded file(s) to the mainframe. To accommodate an increase in file size for the TAPBLK01.CD raw EBCDIC database file, modify this statement to add `DSNTYPE=LARGE` and `SPACE=(CYL,(5000,4000))`:

```
// TAPBLK01 DD      DSN=QUALITY.ICP.DBTEMP.TAPBLK01,DISP=(NEW,CATLG),
//              UNIT=SYSDA,DSNTYPE=LARGE,
//              DCB=(RECFM=F,LRECL=24576,BLKSIZE=24576,DSORG=PS),
//              SPACE=(CYL,(5000,4000))
```

6. Locate and customize the ICPDBIND member to suit your site standards, then submit the member. The ICPDBIND member creates the appropriate VSAM database file(s) from the sequential files uploaded in the prior step and then removes the flat files from the mainframe. To accommodate an increase in file size for the G1ICPCC, G1ICCTY, and G1ICPCS files, change the `RECORDS` statement to:

```
RECORDS(500000 3000)
```

## Country Levels

The Second Quarter 2019 International Postal Database currently recognizes the following countries at the listed level:

- **Level A**—Street-level data is provided.
- **Level B**—City and/or postal code data is provided.
- **Level C**—Country data is provided.

## International Postal Database Countries

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
A	ALAND ISLANDS	AX	ALA
A	ANDORRA	AD	AND
A	ANGOLA	AO	AGO
A	ANTIGUA AND BARBUDA	AG	ATG
A	ARGENTINA	AR	ARG
A	ARUBA	AW	ABW
A	AUSTRALIA	AU	AUS
A	AUSTRIA	AT	AUT
A	BAHAMAS	BS	BHS
A	BAHRAIN	BH	BHR
A	BARBADOS	BB	BRB
A	BELARUS	BY	BLR
A	BELGIUM	BE	BEL
A	BELIZE	BZ	BLZ
A	BENIN	BJ	BEN
A	BERMUDA	BM	BMU
A	BRAZIL	BR	BRA



Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
A	BRUNEI DARUSSALAM	BN	BRN
A	BULGARIA	BG	BGR
A	BURKINA FASO	BF	BFA
A	CAYMAN ISLANDS	KY	CYM
A	CHILE	CL	CHL
A	COOK ISLANDS	CK	COK
A	CROATIA	HR	HRV
A	CUBA	CU	CUB
A	CYPRUS	CY	CYP
A	CZECH REPUBLIC	CZ	CZE
A	DENMARK	DK	DNK
A	DJIBOUTI	DJ	DJI
A	DOMINICAN REPUBLIC	DO	DOM
A	ECUADOR	EC	ECU
A	EL SALVADOR	SV	SLV
A	ESTONIA	EE	EST
A	FALKLAND ISLANDS (MALVINAS)	FK	FLK
A	FAROE ISLANDS	FO	FRO
A	FIJI	FJ	FJI

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
A	FINLAND	FI	FIN
A	FRANCE	FR	FRA
A	FRENCH GUIANA	GF	GUF
A	GERMANY	DE	DEU
A	GIBRALTAR	GI	GIB
A	GUADELOUPE	GP	GLP
A	HAITI	HT	HTI
A	HOLY SEE (VATICAN)	VA	VAT
A	HONG KONG	HK	HKG
A	HUNGARY	HU	HUN
A	ICELAND	IS	ISL
A	INDIA	IN	IND
A	INDONESIA	ID	IDN
A	IRELAND	IE	IRL
A	ITALY	IT	ITA
A	JAPAN	JP	JPN
A	KAZAKHSTAN	KZ	KAZ
A	KOREA, REPUBLIC OF	KR	KOR
A	KUWAIT	KW	KWT

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
A	KYRGYZSTAN	KG	KGZ
A	LATVIA	LV	LVA
A	LEBANON	LB	LBN
A	LIBERIA	LR	LBR
A	LITHUANIA	LT	LTU
A	LUXEMBOURG	LU	LUX
A	MACAO	MO	MAC
A	MACEDONIA, REPUBLIC OF	MK	MKD
A	MADAGASCAR	MG	MDG
A	MALAYSIA	MY	MYS
A	MALDIVES	MV	MDV
A	MALTA	MT	MLT
A	MARTINIQUE	MQ	MTQ
A	MAURITIUS	MU	MUS
A	MAYOTTE	YT	MYT
A	MOLDOVA, REPUBLIC OF	MD	MDA
A	MONACO	MC	MCO
A	MONTSERRAT	MS	MSR
A	MOROCCO	MA	MAR

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
A	NAMIBIA	NA	NAM
A	NAURU	NR	NRU
A	NETHERLANDS	NL	NLD
A	NEW ZEALAND	NZ	NZL
A	NIGER	NE	NER
A	NIGERIA	NG	NGA
A	NORWAY	NO	NOR
A	PAKISTAN	PK	PAK
A	PARAGUAY	PY	PRY
A	PHILIPPINES	PH	PHL
A	POLAND	PL	POL
A	PORTUGAL	PT	PRT
A	QATAR	QA	QAT
A	REUNION	RE	REU
A	ROMANIA	RO	ROU
A	RWANDA	RW	RWA
A	SAINT BARTHELEMY	BL	BLM
A	SAINT MARTIN	MF	MAF
A	SAINT VINCENT AND THE GRENADINES	VC	VCT

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
A	SAN MARINO	SM	SMR
A	SAUDI ARABIA	SA	SAU
A	SENEGAL	SN	SEN
A	SERBIA	RS	SRB
A	SIERRA LEONE	SL	SLE
A	SINGAPORE	SG	SGP
A	SLOVAKIA	SK	SVK
A	SLOVENIA	SI	SVN
A	SOLOMON ISLANDS	SB	SLB
A	SOUTH AFRICA	ZA	ZAF
A	SPAIN	ES	ESP
A	ST. KITTS AND NEVIS	KN	KNA
A	SVALBARD AND JAN MAYEN	SJ	SJM
A	SWEDEN	SE	SWE
A	SWITZERLAND	CH	CHE
A	TAIWAN	TW	TWN
A	TOGO	TG	TGO
A	TONGA	TO	TON
A	TURKEY	TR	TUR

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
A	TURKS AND CAICOS ISLANDS	TC	TCA
A	UGANDA	UG	UGA
A	UKRAINE	UA	UKR
A	UNITED ARAB EMIRATES	AE	ARE
A	UNITED KINGDOM	GB	GBR
A	URUGUAY	UY	URY
A	WALLIS AND FUTUNA	WF	WLF
A	ZAMBIA	ZM	ZMB
B	AFGHANISTAN	AF	AFG
B	ALBANIA	AL	ALB
B	ALGERIA	DZ	DZA
B	ANGUILLA	AI	AIA
B	ARMENIA	AM	ARM
B	AZERBAIJAN	AZ	AZE
B	BANGLADESH	BD	BGD
B	BHUTAN	BT	BTN
B	BOLIVIA, PLURINATIONAL STATE OF	BO	BOL
B	BONAIRE, SINT EUSTATIUS AND SABA	BQ	BES
B	BOSNIA AND HERZEGOVINA	BA	BIH

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
B	BOTSWANA	BW	BWA
B	BRITISH INDIAN OCEAN TERRITORY	IO	IOT
B	BURUNDI	BI	BDI
B	CAMBODIA	KH	KHM
B	CAMEROON	CM	CMR
B	CABO VERDE	CV	CPV
B	CENTRAL AFRICAN REPUBLIC	CF	CAF
B	CHAD	TD	TCD
B	CHINA	CN	CHN
B	CHRISTMAS ISLAND	CX	CXR
B	COCOS (KEELING) ISLANDS	CC	CCK
B	COLOMBIA	CO	COL
B	COMOROS ISLANDS	KM	COM
B	CONGO	CG	COG
B	CONGO, DEMOCRATIC REPUBLIC OF	CD	COD
B	COSTA RICA	CR	CRI
B	COTE D'IVOIRE	CI	CIV
B	CURACAO	CW	CUW
B	DOMINICA	DM	DMA

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
B	EGYPT	EG	EGY
B	EQUATORIAL GUINEA	GQ	GNQ
B	ERITREA	ER	ERI
B	ESWATINI (Formerly SWAZILAND)	SZ	SWZ
B	ETHIOPIA	ET	ETH
B	FRENCH POLYNESIA	PF	PYF
B	FRENCH SOUTHERN TERRITORIES	TF	ATF
B	GABON	GA	GAB
B	GAMBIA	GM	GMB
B	GEORGIA	GE	GEO
B	GHANA	GH	GHA
B	GREECE	GR	GRC
B	GREENLAND	GL	GRL
B	GRENADA	GD	GRD
B	GUATEMALA	GT	GTM
B	GUINEA	GN	GIN
B	GUINEA-BISSAU	GW	GNB
B	GUYANA	GY	GUY
B	HONDURAS	HN	HND



Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
B	IRAN, ISLAMIC REPUBLIC OF	IR	IRN
B	IRAQ	IQ	IRQ
B	ISRAEL	IL	ISR
B	JAMAICA	JM	JAM
B	JORDAN	JO	JOR
B	KENYA	KE	KEN
B	KIRIBATI	KI	KIR
B	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	KP	PRK
B	LAO, PEOPLE'S DEMOCRATIC REPUBLIC OF	LA	LAO
B	LESOTHO	LS	LSO
B	LIBYAN ARAB JAMAHIRIYA	LY	LBY
B	LIECHTENSTEIN	LI	LIE
B	MALAWI	MW	MWI
B	MALI	ML	MLI
B	MAURITANIA	MR	MRT
B	MEXICO	MX	MEX
B	MONGOLIA	MN	MNG
B	MONTENEGRO	ME	MNE

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
B	MOZAMBIQUE	MZ	MOZ
B	MYANMAR	MM	MMR
B	NEPAL	NP	NPL
B	NETHERLANDS ANTILLES	AN	ANT
B	NEW CALEDONIA	NC	NCL
B	NICARAGUA	NI	NIC
B	NIUE	NU	NIU
B	NORFOLK ISLAND	NF	NFK
B	OMAN	OM	OMN
B	PANAMA	PA	PAN
B	PAPUA NEW GUINEA	PG	PNG
B	PERU	PE	PER
B	PITCAIRN	PN	PCN
B	RUSSIAN FEDERATION	RU	RUS
B	SAINT HELENA, ASCENSION AND TRISTAN DA CUNHA	SH	SHN
B	SAINT LUCIA	LC	LCA
B	SAINT PIERRE AND MIQUELON	PM	SPM
B	SAMOA	WS	WSM
B	SAO TOME AND PRINCIPE	ST	STP

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
B	SEYCHELLES	SC	SYC
B	SINT MAARTEN (DUTCH PART)	SX	SXM
B	SOMALIA	SO	SOM
B	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	GS	SGS
B	SOUTH SUDAN	SS	SSD
B	SRI LANKA	LK	LKA
B	SUDAN	SD	SDN
B	SURINAME	SR	SUR
B	SYRIAN ARAB REPUBLIC	SY	SYR
B	TAJIKISTAN	TJ	TJK
B	TANZANIA, UNITED REPUBLIC OF	TZ	TZA
B	THAILAND	TH	THA
B	TIMOR-LESTE	TL	TLS
B	TRINIDAD AND TOBAGO	TT	TTO
B	TUNISIA	TN	TUN
B	TURKMENISTAN	TM	TKM
B	TUVALU	TV	TUV
B	UZBEKISTAN	UZ	UZB
B	VANUATU	VU	VUT

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
B	VENEZUELA, BOLIVARIAN REPUBLIC OF	VE	VEN
B	VIET NAM	VN	VNM
B	VIRGIN ISLANDS, BRITISH	VG	VGB
B	YEMEN	YE	YEM
B	ZIMBABWE	ZW	ZWE
C	AMERICAN SOMOA	AS	ASM
C	ANTARCTICA	AQ	ATA
C	BOUVET ISLAND	BV	BVT
C	CANADA	CA	CAN
C	GUAM	GU	GUM
C	GUERNSEY	GG	GGY
C	HEARD ISLAND AND MCDONALD ISLANDS	HM	HMD
C	ISLE OF MAN	IM	IMN
C	JERSEY	JE	JEY
C	MARSHALL ISLANDS	MH	MHL
C	MICRONESIA, FEDERATED STATES OF	FM	FSM
C	NORTHERN MARIANA ISLANDS	MP	MNP
C	PALAU	PW	PLW
C	PALESTINE, STATE OF	PS	PSE

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
C	PUERTO RICO	PR	PRI
C	TOKELAU	TK	TKL
C	UNITED STATES MINOR OUTLYING ISLANDS	UM	UMI
C	UNITED STATES OF AMERICA	US	USA
C	VIRGIN ISLANDS (US)	VI	VIR
C	WESTERN SAHARA	EH	ESH



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