

CODE-1 Plus™ International

Version 1.8.5

International Postal Database Q4 2018 Release Notes

This document contains information on the CODE-1 Plus™ International 1.8.5 Software and Fourth Quarter 2018 International Postal Database release.

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What's New

The Fourth Quarter 2018 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 Fourth Quarter 2018 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. Please see the installation instructions for your respective platform for information on installing the software. You can find this document at:

<https://www.pitneybowes.com/us/support/products/software/code-1-international-support.html>

The CODE-1 Plus™ International 1.8.5 software release contains enhancements that improve address matching for all countries.

Updated Country Data

The following countries have been updated for the Fourth Quarter 2018 database:

Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3	Changes
Australia	AU	AUS	
Austria	AT	AUT	New: Added names of states (Länder). Standard data set, (Data.House), (Data.Street).
Azerbaijan	AZ	AZE	New: Street directory.
Belarus	BY	BLR	New: Postcode directory.
Cambodia	KH	KHM	Deleted duplicate districts.
Columbia	CO	COL	Deleted duplicate districts.
Croatia	HR	HRV	
Denmark	DK	DNK	

Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3	Changes
Ecuador	EC	ECU	New: Complete street directory.
Egypt	EG	EGY	Corrected assignment of localities for SUE SINAI and NOR. SINAI provinces. Corrected spelling of BENI SUEF and the QALYUBIA province.
Estonia	EE	EST	New: Data set on the premise level.
Faroe Islands	FO	FRO	
Finland	FI	FIN	
Georgia	GE	GEO	Corrected the spelling of the Martvili province.
Germany	DE	DEU	
Greece	GR	GRC	Standard data set (GREEK STREET DATABASE).
Greenland	GL	GRL	
Hungary	HU	HUN	Standard data set (GeoX).
Iceland	IS	ISL	
Indonesia	ID	IDN	Assigned neighborhoods to the appropriate districts.
Latvia	LV	LVA	
Lesotho	LS	LSO	Deleted duplicate districts.
Luxembourg	LU	LUX	
Malaysia	MY	MYS	Deleted duplicate districts.
Moldova	MD	MDA	New: Street directory.
New Zealand	NZ	NZL	Postcode Address File (PAF).

Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3	Changes
Nicaragua	NI	NIC	Deleted duplicate districts.
Norway	NO	NOR	Standard data set (Adresseregister).
Oman	OM	OMN	Divided the Al Batinah province into two provinces - the Al Batinah North province and the Al Batinah South province. The Al Sharqiya province was also divided into two provinces - the Al Sharqiya North province and the Al Sharqiya South province.
Philippines	PH	PHL	Divided the KALINGA-APAYAO province into two provinces - the KALINGA province and the APAYAO province.
Poland	PL	POL	
Portugal	PT	PRT	
Russian Federation	RU	RUS	Standard data set.
Senegal	SN	SEN	Added missing postcodes.
Serbia	RS	SRB	
Slovakia	SK	SVK	
Slovenia	SI	SVN	
South Africa	ZA	ZAF	
Spain	ES	ESP	New: PO Box and large volume receiver information added.
Svalbard and Jan Mayen	SJ	SJM	
Switzerland	CH	CHE	
Tajikistan	TJ	TJK	Corrected information about the script for synonyms in the SYNONYM file.

Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3	Changes
Trinidad and Tobago	TT	TTO	Moved the Island name, previously found in LOC_PRV_NAME (Name of province), to LOC_DSC (Description of locality).
Turkey	TR	TUR	New: Complete street directory.
Tuvalu	TV	TUV	Moved Niulakita island from province level to locality belonging to the Niutao province.
United Kingdom	GB	GBR	
Uruguay	UY	URY	
Virgin Islands, British	VG	VGB	Merged Central Tortola and Tortola West provinces into Tortola province.

Additional Information

New Data in Universal *POST*CODE*® DataBase

Pitney Bowes is pleased to announce that, in addition to the regular updates in the CODE-1 Plus™ International 1.8.5 Fourth Quarter 2018 International Postal Database release, we have integrated new premise data for **Estonia** and new street-level data for **Azerbaijan, Belarus, Ecuador, Moldova and Turkey**.

New Postcodes for Paraguay

In April 2018, Paraguay Post introduced a new national postcode system. The new postcodes consist of six digits. The first two digits identify the postal zone, with code 00 standing for the capital city, Asunción. The next two digits refer to the district and city. The last two digits identify the postal sector. A complete description of the new postcode system for Paraguay has been published at:

www.upu.int/fileadmin/documentsFiles/activities/addressingUnit/pryEn.pdf

These new national postcodes have also been integrated into the CODE-1 Plus™ International 1.8.5 Fourth Quarter 2018 International Postal Database release. To optimize delivery and improve service quality, we encourage mailers to use these new postcodes for all mail sent to Paraguay.

Resolved Issues

The CODE-1 Plus™ International 1.8.5 Software and Fourth Quarter 2018 International Postal Database release resolves the following issues:

- **CPI-364** — Resolved an issue that occurred with a French street number.
- **CPI-368** — Resolved an issue that caused a French execution error.
- **CPI-384** — Corrected an issue with German address matching.

Database Compatibility

Although the Fourth Quarter 2018 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. However, you may request and receive backup media for a nominal fee from the estore.

- **Windows, Linux, and Unix**—The CODE-1 Plus™ International 1.8.5 Fourth Quarter 2018 International Postal Database (ASCII files) is available on the estore web site, <https://store.pbinsight.com>.
- **Mainframe**—The CODE-1 Plus™ International 1.8.5 Fourth Quarter 2018 Database (EBCDIC files) is available on the estore web site, <https://store.pbinsight.com>. You must use the JCL members ICPALOCF and ICPDBIND provided with the 1.8.5 software load to install the Fourth Quarter 2018 International Postal Database.

Installing on Windows

1. Download the database from the estore web site, <https://store.pbinsight.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 estore web site, <https://store.pbinsight.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 estore web site, <https://store.pbinsight.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 Fourth Quarter 2018 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	ANDORRA	AD	AND
A	ANTIGUA AND BARBUDA	AG	ATG
A	ARGENTINA	AR	ARG
A	ARUBA	AW	ABW
A	AUSTRALIA	AU	AUS
A	AUSTRIA	AT	AUT

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
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	BERMUDA	BM	BMU
A	BRAZIL	BR	BRA
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

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
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
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

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
A	INDONESIA	ID	IDN
A	IRELAND	IE	IRL
A	ITALY	IT	ITA
A	JAPAN	JP	JPN
A	KOREA, REPUBLIC OF	KR	KOR
A	KUWAIT	KW	KWT
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

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
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
A	NAMIBIA	NA	NAM
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

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
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
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

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
A	SWITZERLAND	CH	CHE
A	TAIWAN	TW	TWN
A	TURKEY	TR	TUR
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	ALAND ISLANDS	AX	ALA
B	ALBANIA	AL	ALB
B	ALGERIA	DZ	DZA
B	ANGOLA	AO	AGO
B	ANGUILLA	AI	AIA
B	ARMENIA	AM	ARM
B	AZERBAIJAN	AZ	AZE

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
B	BANGLADESH	BD	BGD
B	BENIN	BJ	BEN
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
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

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
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	DJIBOUTI	DJ	DJI
B	DOMINICA	DM	DMA
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

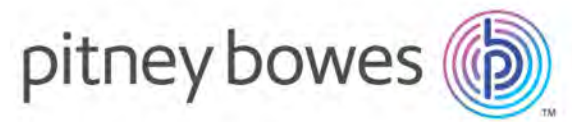
Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
B	GREENLAND	GL	GRL
B	GRENADA	GD	GRD
B	GUATEMALA	GT	GTM
B	GUINEA	GN	GIN
B	GUINEA-BISSAU	GW	GNB
B	GUYANA	GY	GUY
B	HONDURAS	HN	HND
B	IRAN, ISLAMIC REPUBLIC OF	IR	IRN
B	IRAQ	IQ	IRQ
B	ISRAEL	IL	ISR
B	JAMAICA	JM	JAM
B	JORDAN	JO	JOR
B	KAZAKHSTAN	KZ	KAZ
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

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
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
B	MOZAMBIQUE	MZ	MOZ
B	MYANMAR	MM	MMR
B	NAURU	NR	NRU
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

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
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
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

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
B	TAJIKISTAN	TJ	TJK
B	TANZANIA, UNITED REPUBLIC OF	TZ	TZA
B	THAILAND	TH	THA
B	TIMOR-LESTE	TL	TLS
B	TOGO	TG	TGO
B	TONGA	TO	TON
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
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

Level	Country Name	ISO 3116-1 Alpha-2	ISO 3116-1 Alpha-3
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
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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