



Your guide to the Global IIN List

What it is and how to use it





Getting started

This guide is aimed at providing you with all the information you should need to access the Global IIN file and start using the data it contains.

If you require any additional information, or if you have any questions which are not covered by this guide, please do contact your relationship manager.

What is the Global IIN List?

We want to give you the information you need to manage your business effectively. That's why the Global IIN List tells you all about your transactions in one handy file.

Thanks to PSD2 and other regulatory changes, you are entitled to access the Issuer Identification Numbers (IINs) for all your transactions. They could really benefit your business as they let you distinguish between consumer and commercial cards, issuer countries, and a range of card types – including Visa and Mastercard.

With all this information linked together in a single 'data string', it's easy to identify and analyse trends – as well as spot potential fraud.

How do you collect your list?

Your Global IIN List is updated every Friday, after 2pm. As we like to keep things simple, we've designed it so you can collect your list the way you currently collect your settlements.

We've also given it a catchy name, **BB.FTS.GLOBAL.BINLIST.ENHANCED**, and made it available to collect from the Settlement server. As the file is in text format, you'll need to make sure you're using the correct mode – **MODE ASCII**. Remember, it's the same method you use to collect and send files today.

If you use a third-party software provider, you'll need to speak to them to understand how they'll collect the file for you.

How will it help?

By applying Global IIN codes you'll be able to sort and analyse your own transactions. Then you can do lots of exciting things with the information.

You can:



Easily identify between consumer and commercial cards to help you apply appropriate surcharging in compliance with PSD2 and Interchange Fee Regulation (**IFR**).



Find out key information such as the card type and where it was issued to better understand and support your customers.

How do you reclaim VAT?

Only certain products have approval from UK HMC&E for valid tax reclaim.

Plus, UK and EU legislation does not allow cross-border electronic VAT reclaim, so both supplier and buyer must be UK based.

Data strings which support this can be identified with the following code values:



Card Scheme Identifier, **(V) / (M)**



Product Identifier, **(S) / (MCP, MCF, MCO)**



Country Code, **(GB)**



VAT Evidence Indicator, **(V)**



Commercial Card Enhanced Data Indicator, **(3)**

Please note: this list is not intended for POS acceptance and processing rules – the 'Barclaycard BIN ranges and Rules' should continue to be referenced for that purpose.

How do you use the data?

We give you the data in what's known as 'Fixed Block Format'. This means it comes in a string of data – now expanded to 90 characters in length. The string contains 15 fields of code, which can be broken down and translated to provide you with useful information.

A data string might look complicated at first. But we've provided a handy table to show how the information it contains can be broken down and understood. Work your way through the following example and you'll be reading complex data strings in no time.

42492900000000000000424929999999999999999V1CB GBETV3N Barclays Bank PLC UK

Field number	Field name	Position	Size	What it shows (data type)
1	IIN Range (From)	1 – 19	19	The start of the Issuer Identification Number (IIN) prefix range Example: 42492900000000000000
2	IIN Range (To)	20 – 38	19	The end of the Issuer Identification Number (IIN) prefix range Example: 42492999999999999999
3	Card Scheme	39	1	Card Scheme Identifier V = Visa M = Mastercard I = Maestro D = Diners U = UPI J = JCB
4	Product Type	40	1	Product Type 1 = Consumer 2 = Commercial
5	Card Type	41	1	Card Type C = Credit D = Debit H = Charge P = Prepaid R = Deferred Debit
6	Product Identifier	42 – 44	3	Product Identifier Card Scheme Product Identifier – up to 3 digits
7	Country Code	45 – 46	2	Country Code The alphabetic country code associated with the issuing account range
8	EEA Indicator	47	1	EEA Indicator Shows whether the Country is within the EEA (European Economic Area) E = country is in the EEA Space = country is not in the EEA
9	Token Indicator	48	1	Payment Token Indicator T = Tokenised Account Range Otherwise = SPACE
10	VAT Evidence Indicator ¹	49	1	VAT Evidence Indicator V = VAT Evidence supported Otherwise = SPACE Please note: only set on Visa and Mastercard
11	Enhanced Data Indicator	50	1	Commercial Card Enhanced Data Indicator 3 = Level 3 supported, capture and transfer of electronic invoice information Otherwise = SPACE Please note: only set on Visa and Mastercard
12	Reloadable Indicator ²	51	1	Non-reloadable prepaid card Indicator N = non-reloadable Prepaid card Otherwise = SPACE Please note: only refer to this indicator for prepaid products
13	Cardholder Currency Indicator	52	1	Cardholder Currency Indicator D = Dynamic Currency Conversion (DCC) supported C, T, U = DCC not supported service must not be offered Please note: only set on Visa and Mastercard
14	RFU	53 – 55	3	Reserved For Future Use
15	Issuer Name	56 – 90	35	Issuer Name (Where available)

¹VAT Evidence Indicator – Data inconsistency noted from Visa. Please refer to this only for Visa Purchasing Products. For Visa, only Visa Purchasing cards within the range 448400 to 448699 and 471500 to 471599 inclusive should be used for VAT reclaim.

²Reloadable Indicator – Data inconsistency noted from schemes. Please note: only refer to this indicator for prepaid products.

Country codes

Country code	Country (3Alpha)	Country (2Alpha)	Country name	Y indicates EEA-COUNTRY
004	AFG	AF	AFGHANISTAN	
008	ALB	AL	ALBANIA	
010	ATA	AQ	ANTARCTICA	
012	DZA	DZ	ALGERIA	
016	ASM	AS	AMERICAN SAMOA	
020	AND	AD	ANDORRA	
024	AGO	AO	ANGOLA	
028	ATG	AG	ANTIGUA & BARBUDA	
031	AZE	AZ	AZERBAIJAN	
032	ARG	AR	ARGENTINA	
036	AUS	AU	AUSTRALIA	
040	AUT	AT	AUSTRIA	Y
044	BHS	BS	BAHAMAS	
048	BHR	BH	BAHRAIN	
050	BGD	BD	BANGLADESH	
051	ARM	AM	ARMENIA	
052	BRB	BB	BARBADOS	
056	BEL	BE	BELGIUM	Y
060	BMU	BM	BERMUDA	
064	BTN	BT	BHUTAN	
068	BOL	BO	BOLIVIA	
070	BIH	BA	BOSNIA & HERZEGOVINA	
072	BWA	BW	BOTSWANA	
074	BVT	BV	BOUVET IS.	
076	BRA	BR	BRAZIL	
084	BLZ	BZ	BELIZE	
086	IOT	IO	BRIT. INDIAN OCEAN	
090	SLB	SB	SOLOMON IS.	
092	VGB	VG	BRITISH VIRGIN IS.	
096	BRN	BN	BRUNEI DARUSSALAM	
100	BGR	BG	BULGARIA	Y
104	MMR	MM	MYANMAR	
108	BDI	BI	BURUNDI	
112	BLR	BY	BELARUS	
116	KHM	KH	CAMBODIA	
120	CMR	CM	CAMEROON	
124	CAN	CA	CANADA	
132	CPV	CV	CAPE VERDE IS.	
136	CYM	KY	CAYMAN IS.	
140	CAF	CF	CENTRAL AFRICAN REP.	
144	LKA	LK	SRI LANKA	
148	TCO	TD	CHAD	
152	CHL	CL	CHILE	
156	CHN	CN	CHINA	
158	TWN	TW	TAIWAN, PROV. OF CHINA	
162	CXR	CX	CHRISTMAS IS.	
166	CCK	CC	COCOS (KEELING) IS.	
170	COL	CO	COLOMBIA	
174	COM	KM	COMROS	
175	MYT	YT	MAYOTTE	
178	COG	CG	CONGO	
180	ZAR	CD	DEM. REP. OF CONGO	
184	COK	CK	COOK IS.	
188	CRI	CR	COSTA RICA	
191	HRV	HR	CROATIA	Y
192	CUB	CU	CUBA	
196	CYP	CY	CYPRUS	Y
203	CZE	CZ	CZECH REP.	Y
204	BEN	BJ	BENIN	
208	DNK	DK	DENMARK	Y
212	DMA	DM	DOMINICA	
214	DOM	DO	DOMINICAN REP.	
218	ECU	EC	ECUADOR	

Country codes

Country code	Country (3Alpha)	Country (2Alpha)	Country name	Y indicates EEA-COUNTRY
222	SLV	SV	EL SALVADOR	
226	GNQ	GQ	EQUATORIAL GUINEA	
230	ETH	ET	ETHIOPIA	
232	ERI	ER	ERITREA	
233	EST	EE	ESTONIA	Y
234	FRO	FO	FAROE IS.	
238	FLK	FK	FALKLAND IS. (MALVINAS)	
239	SGS	GS	S. GEORGIA & S. SANDWICH IS.	
242	FJI	FJ	FIJI	
246	FIN	FI	FINLAND	Y
248	ALA	AX	ALAND ISLANDS	
250	FRA	FR	FRANCE	Y
254	GUF	GF	FRENCH GUIANA	
258	PYF	PF	FRENCH POLYNESIA	
260	ATF	TF	FRENCH SOUTHERN T.	
262	DJI	DJ	DJIBOUTI	
266	GAB	GA	GABON	
268	GEO	GE	GEORGIA	
270	GMB	GM	GAMBIA	
275	PSE	PS	PALESTINE	
280	DEU	DE	GERMANY	Y
288	GHA	GH	GHANA	
292	GIB	GI	GIBRALTAR	Y
296	KIR	KI	KIRIBATI	
300	GRC	GR	GREECE	Y
304	GRL	GL	GREENLAND	
308	GRD	GD	GRENADA	
312	GLP	GP	GUADELOUPE	
316	GUM	GU	GUAM	
320	GTM	GT	GUATEMALA	
324	GIN	GN	GUINEA	
328	GUY	GY	GUYANA	
332	HTI	HT	HAITI	
334	HMD	HM	HEARD & MCDONALD IS.	
336	VAT	VA	VATICAN CITY STATE	
340	HND	HN	HONDURAS	
344	HKG	HK	HONG KONG	
348	HUN	HU	HUNGARY	Y
352	ISL	IS	ICELAND	Y
356	IND	IN	INDIA	
360	IDN	ID	INDONESIA	
364	IRN	IR	IRAN	
368	IRQ	IQ	IRAQ	
372	IRL	IE	IRELAND	Y
376	ISR	IL	ISRAEL	
380	ITA	IT	ITALY	Y
384	CIV	CI	COTE D'IVOIRE	
388	JAM	JM	JAMAICA	
392	JPN	JP	JAPAN	
398	KAZ	KZ	KAZAKHSTAN	
400	JOR	JO	JORDAN	
404	KEN	KE	KENYA	
408	PRK	KP	KOREA, DEM. PPL'S REP.	
410	KOR	KR	KOREA, REP. OF	
414	KWT	KW	KUWAIT	
417	KGZ	KG	KYRGYZSTAN	
418	LAO	LA	LAO, PEOPLE'S DEM. REP.	
422	LBN	LB	LEBANON	
426	LSO	LS	LESOTHO	
428	LVA	LV	LATVIA	Y
430	LBR	LR	LIBERIA	
434	LBY	LY	LIBYAN ARAB JAMAH.	
438	LIE	LI	LIECHTENSTEIN	Y

Country codes

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440	LTU	LT	LITHUANIA	Y
442	LUX	LU	LUXEMBOURG	Y
446	MAC	MO	MACAU	
450	MDG	MG	MADAGASCAR	
454	MWI	MW	MALAWI	
458	MYS	MY	MALAYSIA	
462	MDV	MV	MALDIVES	
466	MLI	ML	MALI	
470	MLT	MT	MALTA	Y
474	MTQ	MQ	MARTINIQUE	
478	MRT	MR	MAURITANIA	
480	MUS	MU	MAURITIUS	
484	MEX	MX	MEXICO	
492	MCO	MC	MONACO	
496	MNG	MN	MONGOLIA	
498	MDA	MD	MOLDOVA, REP. OF	
499	MNE	ME	MONTENEGRO, REP. OF	
500	MSR	MS	MONTSERRAT	
504	MAR	MA	MOROCCO	
508	MOZ	MZ	MOZAMBIQUE	
512	OMN	OM	OMAN	
516	NAM	NA	NAMIBIA	
520	NRU	NR	NAURU	
524	NPL	NP	NEPAL	
528	NLD	NL	NETHERLANDS	Y
530	ANT	AN	NETHERLANDS ANTILLES	
533	ABW	AW	ARUBA	
536	NTZ	NT	NEUTRAL ZONE	
540	NCL	NC	NEW CALEDONIA	
548	VUT	VU	VANUATU	
554	NZL	NZ	NEW ZEALAND	
558	NIC	NI	NICARAGUA	
562	NER	NE	NIGER	
566	NGA	NG	NIGERIA	
570	NIU	NU	NIUE	
574	NFK	NF	NORFOLK IS.	
578	NOR	NO	NORWAY	Y
580	MNP	MP	NORTHERN MARIANA IS.	
581	UMI	UM	US MINOR OUTLYING IS.	
583	FSM	FM	MICRONESIA	
584	MHL	MH	MARSHALL IS.	
585	PLW	PW	PALAU	
586	PAK	PK	PAKISTAN	
591	PAN	PA	PANAMA	
598	PNG	PG	PAPUA NEW GUINEA	
600	PRY	PY	PARAGUAY	
604	PER	PE	PERU	
608	PHL	PH	PHILIPPINES	
612	PCN	PN	PITCAIRN	
616	POL	PL	POLAND	Y
620	PRT	PT	PORTUGAL	Y
624	GNB	GW	GUINEA-BISSAU	
626	TLS	TL	TIMOR-LESTE	
630	PRI	PR	PUERTO RICO	
634	QAT	QA	QATAR	
638	REU	RE	REUNION	
642	ROM	RO	ROMANIA	Y
643	RUS	RU	RUSSIAN FEDERATION	
646	RWA	RW	RWANDA	
652	BLM	BL	SAINT BARTHELEMY	
654	SHN	SH	ST. HELENA	
659	KNA	KN	ST. KITTS-NEVIS	
660	AIA	AI	ANGUILLA	

Country codes

Country code	Country (3Alpha)	Country (2Alpha)	Country name	Y indicates EEA-COUNTRY
662	LCA	LC	ST. LUCIA	
663	MAF	MF	SAINT MARTIN	
666	SPM	PM	ST. PIERRE & MIQUELON	
670	VCT	VC	ST. VINCENT & GRENAD.	
674	SMR	SM	SAN MARINO	
678	STP	ST	SAO TOME & PRINCIPE	
682	SAU	SA	SAUDI ARABIA	
686	SEN	SN	SENEGAL	
688	SRB	RS	SERBIA, REP. OF	
690	SYC	SC	SEYCHELLES	
694	SLE	SL	SIERRA LEONE	
702	SGP	SG	SINGAPORE	
703	SVK	SK	SLOVAKIA	Y
704	VNM	VN	VIETNAM	
705	SVN	SI	SLOVENIA	Y
706	SOM	SO	SOMALIA	
710	ZAF	ZA	SOUTH AFRICA	
716	ZWE	ZW	ZIMBABWE	
724	ESP	ES	SPAIN	Y
732	ESH	EH	WESTERN SAHARA	
736	SDN	SD	SUDAN	
740	SUR	SR	SURINAME	
744	SJM	SJ	SVALBARD & JAN MAYEN	
748	SWZ	SZ	SWAZILAND	
752	SWE	SE	SWEDEN	Y
756	CHE	CH	SWITZERLAND	
760	SYR	SY	SYRIAN ARAB REP.	
762	TJK	TJ	TAJKISTAN	
764	THA	TH	THAILAND	
768	TGO	TG	TOGO	
772	TKL	TK	TOKELAU	
776	TON	TO	TONGA	
780	TTO	TT	TRINIDAD & TOBAGO	
784	ARE	AE	UNITED ARAB EMIRATES	
788	TUN	TN	TUNISIA	
792	TUR	TR	TURKEY	
795	TKM	TM	TURKMENISTAN	
796	TCA	TC	TURKS & CAICOS IS.	
798	TUV	TV	TUVALU	
800	UGA	UG	UGANDA	
804	UKR	UA	UKRAINE	
807	MKD	MK	MACEDONIA	
810	SUN	SU	SOVIET UNION	
818	EGY	EG	EGYPT	
826	GBR	GB	UNITED KINGDOM	Y
834	TZA	TZ	TANZANIA, UNITED REP.	
840	USA	US	UNITED STATES	
850	VIR	VI	US VIRGIN IS.	
854	BFA	BF	BURKINA FASO	
858	URY	UY	URUGUAY	
860	UZB	UZ	UZBEKISTAN	
862	VEN	VE	VENEZUELA	
876	WLF	WF	WALLIS & FUTUNA IS.	
882	WSM	WS	SAMOA	
886	YEM	YE	YEMEN	
891	YUG	YU	YUGOSLAVIA	
894	ZMB	ZM	ZAMBIA	
900	QZZ	QZ	KOSOVO	
531	CUW	CW	CURACAO	
534	SXM	SX	SINT MAARTEN	
535	BES	BQ	BONAIRE, ST. EUSTATIUS & SABA	
728	SSD	SS	REPUBLIC OF SOUTH SUDAN	
832	JEY	JE	JERSEY	

barclaycard.co.uk/paymentacceptance

This information is available in large print, Braille or audio format by calling your Barclaycard representative.

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As well as the limitations and exclusions on our liability set out in that agreement:

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