



ReadID Supported Identity Documents

Summary

Colophon

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Synopsis

This document provides an overview of passports and identity cards from all countries whether ReadID can read and verify their NFC chips, plus the same for European residence permits.

This document is a summary of a more elaborate whitepaper on coverage of ReadID for different types of identity documents. Contrary to the whitepaper, this summary is public and can be shared without an NDA.

Please be aware that ReadID can scan the Machine Readable Zone (optical character recognition) of all ICAO 9303 compliant passports and identity cards.

Inverid does not guarantee the correctness of this overview.

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1 Introduction

Since 1980, the International Civil Aviation Organization (ICAO, part of UN) standardizes travel documents for international interoperability. The ICAO DOC 9303¹ *Machine Readable Travel Documents* specifies the technical details, including printing and physical details. Further it also specifies the details on the embedded contactless (NFC) chip including biographical and biometrical data stored in the chip and the digital signatures for securing the data in the chip, which is most relevant for ReadID. A travel document with an embedded chip, is called the electronic Machine Readable Travel Document (eMRTD) and may carry the symbol below.



Figure 1. eMRTD chip symbol

Nowadays, many passports, identity cards, and residence permits have an embedded contactless eMRTD (Near Field Communication, or NFC) chip. Used terms for this include ePassport, biometric passport, electronic identity card (eID)² or biometric identity card. We'll use the terms ePassport and electronic identity card (or eID) in this whitepaper. In some countries like UK, a residence permit with the eMRTD chip is called the biometric residence permit.

1.1 ICAO 9303 BASICS AND SUPPORT IN READID

Countries have adopted to ICAO 9303 standards quickly in the last decades. Malaysia was the first country in the world to issue ePassports in 1998. By the end of 2008, there were already 62 countries and regions issuing ePassports³. This number doubled to 120 by 2017, with 80% of all passports being ePassports⁴. Currently, in 2023, there are 171 countries and regions issuing ePassports based on our study. In the European Economic Area (EEA)⁵, 23 out of 30 member states issue electronic ID cards; and all member states, except Iceland and Liechtenstein, issue ICAO 9303 compliant residence permits. There are few other countries outside the EEA that also implemented electronic identity cards. In total, we have seen 37 countries and regions outside the EEA have issued ICAO compliant electronic identity cards. Identity cards from the countries outside EEA are often used domestically, and are not as travel documents to cross the borders. There is less needs to compliant to an international standards like ICAO 9303.

ICAO eMRTDs, for example ePassports, eIDs, or residence permits with eMRTD chips, control the access to the data in the contactless chips using Basic Access Control (BAC) and/or the newer Password Authenticated Connection Establishment (PACE). eMRTDs sometimes have a third access control mechanism called Terminal Authentication (TA, or also called EAC-TA) for securing access to the fingerprint data in the chip. This is however rarely used. ReadID supports BAC and PACE, but currently did not productize support for Terminal Authentication (TA). In reality getting access to the required certificates from the using country to read fingerprints is not an option. There has not been demand for TA from customers.

There are two cloning detection mechanisms: Active Authentication (AA) and Chip Authentication (CA, or also sometimes called EAC-CA). Cloning detection can be used for any identity document reader to check whether the document is a genuine copy or not. An eMRTD may implement Active Authentication, Chip Authentication, both, or no cloning detection. A document without cloning detection is often, but not always, an older document. ReadID supports both Active Authentication and Chip Authentication.

¹ International Civil Aviation Organization (ICAO) Doc 9303 Machine Readable Travel Documents <https://www.icao.int/publications/pages/publication.aspx?docnum=9303>

² From Wikipedia (September 10, 2021): https://en.wikipedia.org/wiki/Electronic_identification

³ <https://web.archive.org/web/20170406111611/http://findbiometrics.com/over-60-countries-now-issuing-epassports-2/>

⁴ <https://www.secureidnews.com/wp-content/uploads/2017/01/NXP-white-paper-the-future-of-epassports.pdf>

⁵ The European Economic Area consists of all EU countries plus Norway, Iceland, and Liechtenstein. These additional countries follow the EU regulations/directives on a.o. identity documents.

All information stored on the eMRTD is digitally signed by the issuing country's Country Signing Certificate Authority (CSCA). An identity document reader can check the authenticity of the passport, but only if it has the corresponding public key certificate in its list of trusted certificates. The check of the digital signature consists of three sub-parts: checking the hashes (HT), checking an intermediate certificate (DS) and checking the country certificate itself. The combination of the three is called passive authentication. ReadID supports this.

To know more about access control, cloning detection, and authenticity mechanisms, please read the blogs on these security mechanisms^{6,7,8} on the [Inverid](#) website.

In the following chapters, we will present the ReadID coverage overview for passports, European identity cards, European residence permits, and the identity cards worldwide, respectively.

1.2 DISCLAIMER

There is basically no authoritative source of all identity documents, and certainly not a publicly available one that contains details on the contactless chip implementation. In addition, this is a moving target. We combined knowledge from public sources, non-public sources, internal and customer testing, and ReadID Analytics⁹ data to make the overview in this whitepaper. There however may be mistakes or missing information in the overview, and we provide this overview as-is, without any form of guarantee. We always appreciate your feedback on any mistakes or outdated information via documents@inverid.com.

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⁶ Privacy-related security mechanisms for ePassports (<https://readid.com/blog/Privacy-related-security-mechanisms-for-ePassports>).

⁷ Cloning detection for ePassports (<https://readid.com/blog/Cloning-detection-for-ePassports>).

⁸ Authenticity of ePassports (<https://readid.com/blog/Authenticity-of-ePassports>).

⁹ ReadID Analytics contains anonymous logging information that we use to improve ReadID, including if an MRZ scan or NFC read was successful and characteristics of the chip.

2 ReadID Coverage for Passports

In this chapter, we present the coverage overview for ordinary passports per country. Ordinary passports are the far majority of passports. The special passports for diplomats, officers, seaman, and refugees are out of scope here.

Figure 2 depicts the ReadID coverage for passports, focusing on ‘ordinary’ passport. We have specified the following categories:

- Read & verify (**Dark green**): ReadID can read and verify all passports from the country. ReadID has the complete list of country signing certificates (CSC) to verify the passports by default.
- Read & partially verify (**Middle green**): ReadID can read all passports, and have some country signing certificates to verify part of the passports.
- Read only (**Light green**): ReadID can read all passports, but does not have required country signing certificates to verify them.
- No chip (**Light gray**): Passports have no contactless chip.



Figure 2. ReadID coverage on ordinary passports worldwide (June 2023)

We list the overview also in Table 1.

Annotation of the columns of the table:

Country Name: The name of the country

3-letter code: Country code shown in MRZ. Based on the ICAO 9303 standard, the country code in MRZ is based on ISO 3166¹⁰. Germany is the only exception to use “D<<” instead of ISO 3166/MA.

Status: the status of support by ReadID.

Table 1. ReadID coverage per country for ordinary passports

Country Name	3-letter Code	Status
Afghanistan	AFG	No chip
Albania	ALB	Read & partially verify

¹⁰ <https://www.iso.org/iso-3166-country-codes.html>

Country Name	3-letter Code	Status
Algeria	DZA	Read & verify
Andorra	AND	Read & partially verify
Angola	AGO	No chip
Anguilla ¹¹	AIA	Read & verify
Antigua and Barbuda	ATG	Read only
Argentina	ARG	Read & verify
Armenia	ARM	Read & partially verify
Australia	AUS	Read & verify
Austria	AUT	Read & verify
Azerbaijan	AZE	Read & partially verify
Bahamas	BHS	Read & partially verify
Bahrain	BHR	Read only
Bangladesh	BGD	Read only
Barbados	BRB	Read & verify
Belarus	BLR	Read only
Belgium	BEL	Read & verify
Belize	BLZ	Read only
Benin	BEN	Read only
Bermuda ¹¹	BMU	Read & verify
Bhutan	BTN	No chip
Bolivia (Plurinational State of)	BOL	Read & partially verify
Bosnia and Herzegovina	BIH	Read & partially verify
Botswana	BWA	Read & verify
Brazil	BRA	Read & verify
British Virgin Islands ¹¹	VGB	Read & verify
Brunei Darussalam	BRN	Read only
Bulgaria	BGR	Read & verify
Burkina Faso	BFA	Read & partially verify
Burundi	BDI	Read only
Cambodia	KHM	Read only
Cameroon	CMR	Read & partially verify
Canada	CAN	Read & verify
Cape Verde	CPV	Read only
Cayman Island	CYM	Read & verify
Central African Republic	CAF	Read only
Chad	TCD	Read only
Chile	CHL	Read & partially verify
China	CHN	Read & verify
Colombia	COL	Read & partially verify
Comoros	COM	Read only
Congo (Democratic Republic of the)	COD	Read only
Costa Rica	CRI	Read only

¹¹ Since 2015, Great Britain issues the passports for its overseas territories. The issuing state is Great Britain (GBR in MRZ). The nationality is stated as British nationals overseas (Stated as GBR in MRZ).

Country Name	3-letter Code	Status
Côte d'Ivoire	CIV	Read & verify
Croatia	HRV	Read & verify
Cuba	CUB	No chip
Cyprus	CYP	Read & verify
Czech Republic	CZE	Read & verify
Denmark	DNK	Read & verify
Djibouti	DJI	Read only
Dominica	DMA	Read only
Dominican Republic	DOM	No chip
Ecuador	ECU	Read & verify
Egypt	EGY	No chip
El Salvador	SLV	No chip
Equatorial Guinea	GNQ	Read only
Eritrea	ERI	No chip
Estonia	EST	Read & verify
Ethiopia	ETH	No chip
Faroe Islands¹²	FRO	Read & verify
Fiji	FJI	Read only
Finland	FIN	Read & verify
France	FRA	Read & verify
Gabon	GAB	Read only
Gambia	GMB	Read only
Georgia	GEO	Read & verify
Germany	D<<	Read & verify
Ghana	GHA	No chip
Gibraltar¹³	GIB	Read & verify
Greece	GRC	Read & verify
Greenland¹²	GRL	Read & verify
Grenada	GRD	Read only
Guatemala	GTM	No chip
Guernsey¹³	GGY	Read & verify
Guinea	GIN	Read only
Guinea-Bissau	GNB	Read only
Guyana	GUY	No chip
Haiti	HTI	Read only
Honduras	HND	Read only
Hongkong	CHN	Read & verify
Hungary	HUN	Read & verify
Iceland	ISL	Read & verify

¹² Denmark issues the passports for Faroe Islands and Greenland. The issuing state is Denmark (DNK in MRZ). The nationality is stated as Danish (Stated as DNK in MRZ).

¹³ Since 2015, Great Britain issues the passports for its overseas territories. The issuing state is Great Britain (GBR in MRZ). The nationality is stated as British nationals overseas (Stated as GBR in MRZ).

Country Name	3-letter Code	Status
India¹⁴	IND	No chip
Indonesia	IDN	Read only
Iran (Islamic Republic of)	IRN	Read & partially verify
Iraq	IRQ	Read only
Ireland	IRL	Read & verify
Isle of Man¹⁵	IMN	Read & verify
Israel	ISR	Read & verify
Italy	ITA	Read & verify
Jamaica	JAM	Read only
Japan	JPN	Read & verify
Jersey¹⁵	JEY	Read & verify
Jordan	JOR	No chip
Kazakhstan	KAZ	Read & partially verify
Kenya	KEN	Read only
Kiribati	KIR	No chip
Korea (Democratic People's Republic of)	PRK	No chip
Korea (Republic of)	KOR	Read & verify
Kosovo	XKX	Read & verify
Kuwait	KWT	Read & partially verify
Kyrgyzstan	KGZ	Read only
Lao People's Democratic Republic	LAO	Read only
Latvia	LVA	Read & verify
Lebanon	LBN	Read & verify
Lesotho	LSO	Read only
Liberia	LBR	Read & partially verify
Libya	LBY	No chip
Liechtenstein	LIE	Read & verify
Lithuania	LTU	Read & verify
Luxembourg	LUX	Read & verify
Macao	CHN	Read & verify
Macedonia	MKD	Read & verify
Madagascar	MDG	Read only
Malawi	MWI	Read only
Malaysia	MYS	Read & partially verify
Maldives	MDV	Read & partially verify
Mali	MLI	Read only
Malta	MLT	Read & verify
Marshall Islands (Republic of)	MHL	No chip
Mauritania	MRT	Read only
Mauritius	MUS	No chip
Mexico	MEX	Read & verify

¹⁴ India plans to start issuing ePassports for regular citizens from 2021. By the time of writing, we have not encountered them yet. Currently, ePassports are only issued to diplomats and officials.

¹⁵ Since 2015, Great Britain issues the passports for its overseas territories. The issuing state is Great Britain (GBR in MRZ). The nationality is stated as British nationals overseas (Stated as GBR in MRZ).

Country Name	3-letter Code	Status
Micronesia	FSM	No chip
Moldova (Republic of)	MDA	Read & verify
Monaco	MCO	Read & verify
Mongolia	MNG	Read only
Montenegro	MNE	Read & partially verify
Montserrat¹⁶	MSR	Read & verify
Morocco	MAR	Read & verify
Mozambique	MOZ	Read only
Myanmar	MMR	No chip
Namibia	NAM	Read only
Nauru	NRU	No chip
Nepal	NPL	Read & verify
Netherlands	NLD	Read & verify
New Zealand	NZL	Read & verify
Nicaragua	NIC	No chip
Niger	NER	Read only
Nigeria	NGA	Read only
Norway	NOR	Read & verify
Oman	OMN	Read & verify
Pakistan	PAK	No chip
Palau	PLW	No chip
Palestine, State of	PSE	No chip
Panama	PAN	Read & verify
Papua New Guinea	PNG	No chip
Paraguay	PRY	Read & verify
Peru	PER	Read & verify
Philippines	PHL	Read & partially verify
Poland	POL	Read & verify
Polynesia, French¹⁷	FRA	Read & verify
Portugal	PRT	Read & verify
Qatar	QAT	Read & partially verify
Republic of the Congo	COG	Read only
Romania	ROU	Read & verify
Russian Federation	RUS	Read & verify
Rwanda	RWA	Read & verify
Saint Helena¹⁶	SHN	Read & verify
Saint Kitts and Nevis	KNA	Read only
Saint Lucia	LCA	No chip
Saint Vincent and the Grenadines	VCT	Read & verify
Samoa	WSM	No chip

¹⁶ Since 2015, Great Britain issues the passports for its overseas territories. The issuing state is Great Britain (GBR in MRZ). The nationality is stated as British nationals overseas (Stated as GBR in MRZ).

¹⁷ Since July 2019, French Polynesia citizens can apply for French biometric passports. There is no further details on these passports. We assume it has the issuing state of France (FRA in MRZ). It is unclear whether French overseas is stated anywhere in the passport.

Country Name	3-letter Code	Status
San Marino	SMR	Read only
Sao Tome and Principe	STP	Read only
Saudi Arabia	SAU	Read only
Senegal	SEN	Read only
Serbia	SRB	Read & verify
Seychelles	SYC	Read only
Sierra Leone	SLE	Read only
Singapore	SGP	Read & verify
Slovakia	SVK	Read & verify
Slovenia	SVN	Read & verify
Solomon Islands	SLB	No chip
Somalia	SOM	Read only
South Africa	ZAF	No chip
South Sudan	SSD	Read only
Spain	ESP	Read & verify
Sri Lanka	LKA	No chip
Sudan	SDN	Read only
Suriname	SUR	No chip
Swaziland	SWZ	No chip
Sweden	SWE	Read & verify
Switzerland	CHE	Read & verify
Syrian Arab Republic	SYR	No chip
Taiwan	TWN	Read & verify
Tajikistan	TJK	Read & partially verify
Tanzania	TZA	Read & partially verify
Thailand	THA	Read & verify
Timor-Leste	TLS	Read & verify
Togo	TGO	Read only
Tonga	TON	No chip
Trinidad and Tobago	TTO	No chip
Tunisia	TUN	No chip
Turkey	TUR	Read & verify
Turkmenistan	TKM	Read & verify
Turks and Caicos Islands ¹⁸	TCA	Read & verify
Tuvalu	TUV	No chip
Uganda	UGA	Read & verify
Ukraine	UKR	Read & verify
United Arab Emirates	ARE	Read & verify
United Kingdom of Great Britain and Northern Ireland	GBR	Read & verify
United States of America	USA	Read & verify
Uruguay	URY	Read & verify

¹⁸ Since 2015, Great Britain issues the passports for its overseas territories. The issuing state is Great Britain (GBR in MRZ). The nationality is stated as British nationals overseas (Stated as GBR in MRZ).

Country Name	3-letter Code	Status
Uzbekistan	UZB	Read & verify
Vanuatu	VUT	No chip
Vatican City State	VAT	Read & verify
Venezuela (Bolivarian Republic of)	VEN	Read only
Viet Nam	VNM	Read & partially verify
Yemen	YEM	No chip
Zambia	ZMB	No chip
Zimbabwe	ZWE	Read & verify

3 ReadID Coverage of Identity Cards in Europe

A total of 30 out of 33 countries (EEA, UK, Switzerland, and Ukraine) have an identity card with an ICAO compliant MRZ. ReadID can scan the MRZ of all those identity cards. ReadID supports also the MRZ of the old French identity cards with CNIS format.

From August 2, 2021 onwards all European countries must issue identity cards with a machine readable zone and must comply to the ICAO Document 9303 standard. This means that from now on all European identity cards can be used with ReadID for trusted identity verification. The underlying legislation was adopted in June 2019. Meanwhile, countries not compliant to the new standard could implement it.

Not too long ago, some countries used identity cards in the form of laminated printed card bord. Easy to manipulate, making fraud a piece of cake for everybody with a printer, photoshop and a laminator. Countries such as Cyprus, Malta and France have changed their identity cards to the new standard, many others were already compliant. In the years to come one may come across an older identity card, as they are valid until they expire, but no longer than August 2031. Identity cards do not contain a functional MRZ are not valid after August 2026. But their numbers will drop rapidly.

Of the 30 countries, 25 have released identity cards with ICAO compliant NFC chip, including Belgium, Cyprus, Spain, Hungary, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Poland, Sweden, Ireland, Malta, Norway, Ukraine, France, Croatia, Czech, Estonia, Romania, Austria, Finland, Slovenia, Slovakia, and Germany. ReadID can read and verify all of them. Two exceptions are ID cards from France (2021) and Slovakia (2022). ReadID can read and verify them using Android phones, but not iOS phones, due to the platform restriction. In Figure 3 we plot the ReadID coverage of identity cards in EEA, UK, Switzerland, and Ukraine. It worth to mention that since August 2, 2021, the identity cards of Germany have ICAO complaint contactless chips, which was not the case before.

We have specified the following categories:

- Read & verify (**Dark green**): ReadID can read and verify all identity cards from the country. ReadID has the complete list of country signing certificates (CSC) to verify the cards by default.
- Read & verify (Android only) (**Middle green**): ReadID Android SDKs can read and verify all identity cards, but iOS SDKs not.
- No chip (**Light gray**): Cards have no contactless chip.
- No identity card (**Dark gray**): There is no identity card released.

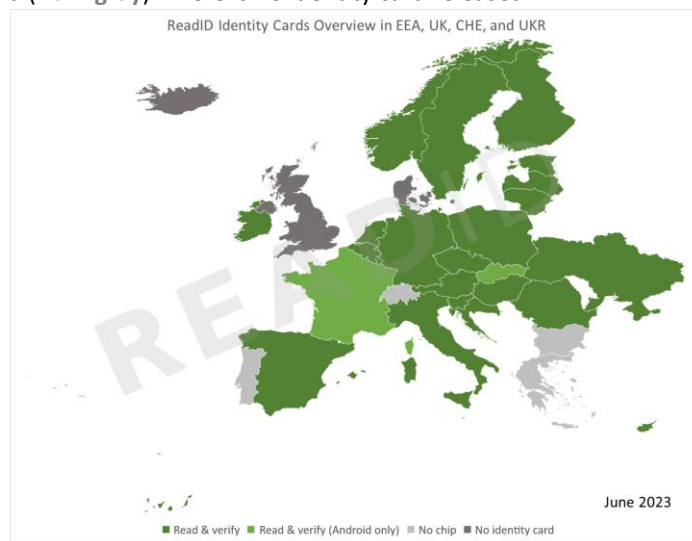


Figure 3. ReadID coverage on identity cards in EEA, UK, Switzerland, and Ukraine (June 2023)

Table 2. ReadID coverage per country for ordinary identity cards in EEA, UK, Switzerland, and Ukraine

Country Name	3-letter Code	Status
Austria	AUT	Read & verify
Belgium	BEL	Read & verify
Bulgaria	BGR	No chip
Croatia	HRV	Read & verify
Cyprus	CYP	Read & verify
Czech Republic	CZE	Read & verify
Germany	D<<	Read & verify
Denmark	DNK	No identity card
Estonia	EST	Read & verify
Finland	FIN	Read & verify
France	FRA	Read & verify (Android only)
Greece	GRC	No chip
Hungary	HUN	Read & verify
Ireland¹⁹	IRL	Read & verify
Italy	ITA	Read & verify
Lithuania	LTU	Read & verify
Luxembourg	LUX	Read & verify
Latvia	LVA	Read & verify
Malta	MLT	Read & verify
Netherlands	NLD	Read & verify
Poland	POL	Read & verify
Portugal	PRT	No chip
Romania	ROU	Read & verify
Slovakia	SVK	Read & verify (Android only)
Slovenia	SVN	Read & verify
Spain	ESP	Read & verify
Sweden	SWE	Read & verify
Iceland	ISL	No identity card
Norway²⁰	NOR	Read & verify
Liechtenstein	LIE	No chip
Switzerland	CHE	No chip
United Kingdom	GBR	No identity card
Ukraine²¹	UKR	Read & verify

¹⁹ Ireland issues no identity card, but passport card, which is similar.

²⁰ Norway issues two types of identity cards: ones with the document code CA are valid travel documents within European Union and Schengen associated countries; ones with the document code XA are not valid travel documents.

²¹ Ukraine issues no identity card, but passport card, which is similar.

4 ReadID Coverage of Residence Permits in Europe

All 27 EU countries, Norway, UK, Switzerland, and Ukraine have issued ICAO-compliant regular residence permits for foreign nationals. With EEA countries, only two countries, namely Iceland and Liechtenstein, have residence permits without the ICAO-compliant chips.

ReadID is compatible to read and check whether it is a clone for all of them. ReadID can also verify all of them, except residence permits from UK, and part of Hungarian residence permits. If these countries fall into your focus scope, please contact us via documents@inverid.com. We may be able to help you further with it. The figure below illustrates this in the geographic view.

With the enforcement of the above-mentioned Regulation (EU) 2019/1157, the residence permits for non-EU family member of the EU citizens will also be ICAO compliant over the time.

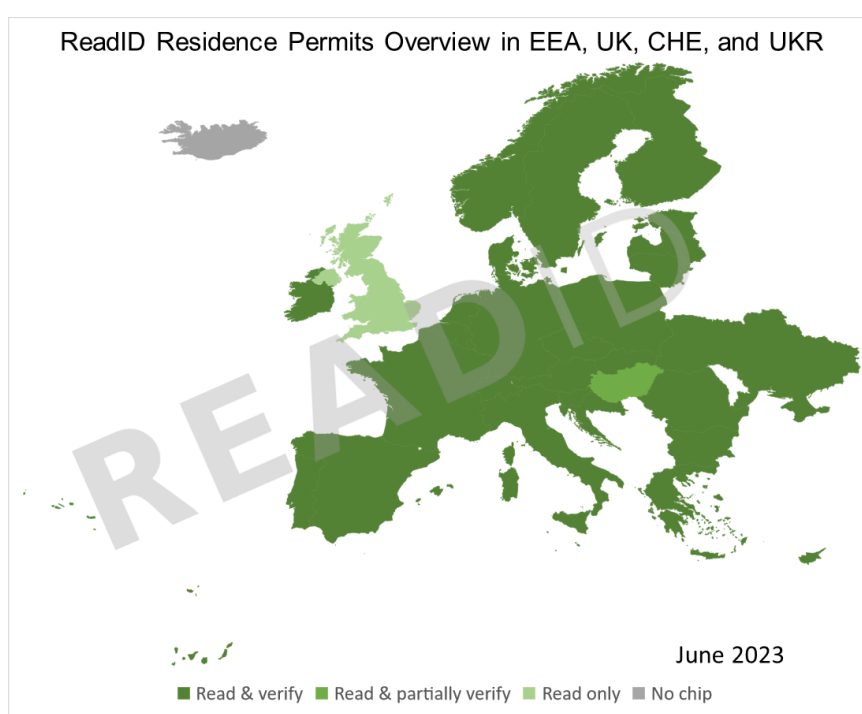


Figure 4. ReadID coverage on residence permits in EEA, UK, Switzerland, and Ukraine (June 2023)

Table 3. ReadID coverage per country for regular residence permits in EEA, UK, Switzerland, and Ukraine

Country Name	3-letter Code	Status
Austria	AUT	Read & verify
Belgium	BEL	Read & verify
Bulgaria	BGR	Read & verify
Croatia	HRV	Read & verify
Cyprus	CYP	Read & verify
Czech Republic	CZE	Read & verify
Germany	D<<	Read & verify
Denmark	DNK	Read & verify
Estonia	EST	Read & verify
Finland	FIN	Read & verify

Country Name	3-letter Code	Status
France	FRA	Read & verify
Greece	GRC	Read & verify
Hungary	HUN	Read & partially verify
Ireland	IRL	Read & verify
Italy	ITA	Read & verify
Lithuania	LTU	Read & verify
Luxembourg	LUX	Read & verify
Latvia	LVA	Read & verify
Malta	MLT	Read & verify
Netherlands	NLD	Read & verify
Poland	POL	Read & verify
Portugal	PRT	Read & verify
Romania	ROU	Read & verify
Slovakia	SVK	Read & verify
Slovenia	SVN	Read & verify
Spain	ESP	Read & verify
Sweden	SWE	Read & verify
Iceland	ISL	No chip
Norway	NOR	Read & verify
Liechtenstein	LIE	No chip
Switzerland	CHE	Read & verify
United Kingdom	GBR	Read only
Ukraine	UKR	Read & verify

5 ReadID Coverage of Identity Cards Worldwide

Countries which are geographically located close by tend to follow the similar rules to issue identity cards. For example, most of European countries are in favour of identity cards with contactless chips. Many northern and western African countries do the same, while the rest of the African countries issue either no identity card or identity cards without contactless chip. Australian and Oceanian countries issue no identity card, except Tonga issues identity cards without contactless chips. Below we provide an ReadID coverage on the identity cards worldwide.

Table 4. ReadID coverage per country for ordinary passports

Country Name	3-letter Code	Status
Afghanistan	AFG	No chip
Albania	ALB	Read only
Algeria	DZA	Read & verify
Andorra	AND	No identity cards
Angola	AGO	No chip
Anguilla	AIA	No identity cards
Antigua and Barbuda	ATG	No identity cards
Argentina	ARG	No chip
Armenia	ARM	No identity cards
Australia	AUS	No identity cards
Austria	AUT	Read & verify
Azerbaijan	AZE	Read only
Bahamas	BHS	No identity cards
Bahrain	BHR	No chip
Bangladesh	BGD	No identity cards
Barbados	BRB	Read & verify
Belarus	BLR	Read only
Belgium	BEL	Read & verify
Belize	BLZ	No identity cards
Benin	BEN	Read & verify
Bermuda	BMU	No identity cards
Bhutan	BTN	No chip
Bolivia (Plurinational State of)	BOL	No chip
Bosnia and Herzegovina	BIH	Read & partially verify
Botswana	BWA	No chip
Brazil	BRA	No chip
British Virgin Islands	VGB	No identity cards
Brunei Darussalam	BRN	No chip
Bulgaria	BGR	Read & verify
Burkina Faso	BFA	No chip
Burundi	BDI	No identity cards
Cambodia	KHM	No chip
Cameroon	CMR	No chip

Country Name	3-letter Code	Status
Canada	CAN	No identity cards
Cape Verde	CPV	No chip
Cayman Island	CYM	No identity cards
Central African Republic	CAF	No identity cards
Chad	TCD	Read only
Chile	CHL	Read & partially verify
China	CHN	Not supported
Colombia	COL	No chip
Comoros	COM	No chip
Congo (Democratic Republic of the)	COD	No identity cards
Costa Rica	CRI	No chip
Côte d'Ivoire	CIV	Read only
Croatia	HRV	Read & verify
Cuba	CUB	No chip
Cyprus	CYP	Read & verify
Czech Republic	CZE	Read & verify
Denmark	DNK	No identity cards
Djibouti	DJI	Read only
Dominica	DMA	No identity cards
Dominican Republic	DOM	No chip
Ecuador	ECU	Read & partially verify
Egypt	EGY	No chip
El Salvador	SLV	No chip
Equatorial Guinea	GNQ	No identity cards
Eritrea	ERI	No chip
Estonia	EST	Read & verify
Ethiopia	ETH	No chip
Faroe Islands	FRO	No identity cards
Fiji	FJI	No identity cards
Finland	FIN	Read & verify
France	FRA	Read & verify (Android only)
Gabon	GAB	No chip
Gambia	GMB	No identity cards
Georgia	GEO	Read & verify
Germany	D<<	Read & verify
Ghana	GHA	Read only
Gibraltar	GBR	Read only
Greece	GRC	No chip
Greenland	GRL	No identity cards
Grenada	GRD	No identity cards
Guatemala	GTM	No chip
Guernsey	GGY	No identity cards
Guinea	GIN	No identity cards
Guinea-Bissau	GNB	Read only

Country Name	3-letter Code	Status
Guyana	GUY	No chip
Haiti	HTI	Read only
Honduras	HND	No chip
Hongkong	CHN	No chip
Hungary	HUN	Read & verify
Iceland	ISL	No identity cards
India	IND	No chip
Indonesia	IDN	No chip
Iran (Islamic Republic of)	IRN	No chip
Iraq	IRQ	Read only
Ireland	IRL	Read & verify
Isle of Man	IMN	No identity cards
Israel	ISR	No chip
Italy	ITA	Read & verify
Jamaica	JAM	No identity cards
Japan	JPN	No identity cards
Jersey	JEY	No identity cards
Jordan	JOR	Not supported
Kazakhstan	KAZ	Read only
Kenya	KEN	Read only
Kiribati	KIR	No identity cards
Korea (Democratic People's Republic of)	PRK	No identity cards
Korea (Republic of)	KOR	No chip
Kosovo	XKX	Read & verify
Kuwait	KWT	No chip
Kyrgyzstan	KGZ	Read only
Lao People's Democratic Republic	LAO	No chip
Latvia	LVA	Read & verify
Lebanon	LBN	No chip
Lesotho	LSO	No identity cards
Liberia	LBR	No identity cards
Libya	LBY	No identity cards
Liechtenstein	LIE	No chip
Lithuania	LTU	Read & verify
Luxembourg	LUX	Read & verify
Macao	CHN	Not supported
Macedonia	MKD	No chip
Madagascar	MDG	No identity cards
Malawi	MWI	No chip
Malaysia	MYS	Not supported
Maldives	MDV	Not supported
Mali	MLI	No chip
Malta	MLT	Read & verify
Marshall Islands (Republic of)	MHL	No identity cards

Country Name	3-letter Code	Status
Mauritania	MRT	Read only
Mauritius	MUS	No chip
Mexico	MEX	Read & verify
Micronesia	FSM	No identity cards
Moldova (Republic of)	MDA	Read & verify
Monaco	MCO	No chip
Mongolia	MNG	No chip
Montenegro	MNE	Read only
Montserrat	MSR	No identity cards
Morocco	MAR	Read only
Mozambique	MOZ	No chip
Myanmar	MMR	No identity cards
Namibia	NAM	No chip
Nauru	NRU	No identity cards
Nepal	NPL	No chip
Netherlands	NLD	Read & verify
New Zealand	NZL	No identity cards
Nicaragua	NIC	No identity cards
Niger	NER	No identity cards
Nigeria	NGA	No chip
Norway	NOR	Read & verify
Oman	OMN	Not supported
Pakistan	PAK	No chip
Palau	PLW	No identity cards
Palestine, State of	PSE	No chip
Panama	PAN	No chip
Papua New Guinea	PNG	No identity cards
Paraguay	PRY	No chip
Peru	PER	Read only
Philippines	PHL	Read only
Poland	POL	Read & verify
Polynesia, French	FRA	No identity cards
Portugal	PRT	No chip
Qatar	QAT	No chip
Republic of the Congo	COG	No chip
Romania	ROU	Read & verify
Russian Federation	RUS	No chip
Rwanda	RWA	No chip
Saint Helena	SHN	No identity cards
Saint Kitts and Nevis	KNA	No identity cards
Saint Lucia	LCA	No identity cards
Saint Vincent and the Grenadines	VCT	No identity cards
Samoa	WSM	No identity cards
San Marino	SMR	Read only

Country Name	3-letter Code	Status
Sao Tome and Principe	STP	No identity cards
Saudi Arabia	SAU	No chip
Senegal	SEN	Read only
Serbia	SRB	No chip
Seychelles	SYC	No chip
Sierra Leone	SLE	Read only
Singapore	SGP	No chip
Slovakia	SVK	Read & verify (Android only)
Slovenia	SVN	Read & verify
Solomon Islands	SLB	No identity cards
Somalia	SOM	No chip
South Africa	ZAF	No chip
South Sudan	SSD	No chip
Spain	ESP	Read & verify
Sri Lanka	LKA	No identity cards
Sudan	SDN	No chip
Suriname	SUR	Read only (Android only)
Swaziland	SWZ	No identity cards
Sweden	SWE	Read & verify
Switzerland	CHE	No chip
Syrian Arab Republic	SYR	No chip
Taiwan	TWN	No chip
Tajikistan	TJK	No identity cards
Tanzania	TZA	No identity cards
Thailand	THA	No chip
Timor-Leste	TLS	No chip
Togo	TGO	No identity cards
Tonga	TON	No chip
Trinidad and Tobago	TTO	No chip
Tunisia	TUN	No chip
Turkey	TUR	No identity cards
Turkmenistan	TKM	No identity cards
Turks and Caicos Islands	TCA	No identity cards
Tuvalu	TUV	No identity cards
Uganda	UGA	No identity cards
Ukraine	UKR	Read & verify
United Arab Emirates	ARE	Not supported
United Kingdom of Great Britain and Northern Ireland	GBR	No identity cards
United States of America	USA	Not supported
Uruguay	URY	Read & partially verify
Uzbekistan	UZB	No identity cards
Vanuatu	VUT	No identity cards

Country Name	3-letter Code	Status
Vatican City State	VAT	No identity cards
Venezuela (Bolivarian Republic of)	VEN	No chip
Viet Nam	VNM	Read only
Yemen	YEM	No identity cards
Zambia	ZMB	No identity cards
Zimbabwe	ZWE	No identity cards