

### What is the MRZ tool?

RiskScreen's MRZ tool takes the Machine Readable Zone (MRZ) code on the bottom of your passport or; the information held within the Passport, to do one of two things:

#### 1) Passport MRZ Code Generator

- I. Generates an MRZ code from the information provided from the passport including:
  - i. Full Name
  - ii. Country Code
  - iii. Passport Number
  - iv. Personal Identity Number (Not a required field)
  - v. Nationality
  - vi. Date of birth
  - vii. Date of expiry

#### 2) Passport MRZ Analyzer

- I. Generates Passport details from the MRZ code input from the Passport. [FAQS](#)

**Q:** Will the MRZ tool verify my Passport?

**A:** No. But it will allow you to use a probability-based approach to understand if the Passport is valid. The results pulled through by the MRZ tool (either through the Passport MRZ Code Generator or the Passport MRZ Analyzer) will be based on the MRZ's reading of the data provided (through the information held on the Passport) which will then be translated by the algorithm into one of the following:

- The individuals' details, extrapolated from the MRZ Code
- The MRZ code which has been generated by the MRZ translator taking the Individuals' data

**Q:** I'm seeing alternative coding on the MRZ tool? Does this mean the Passport is fake?

**A:** Not always. The MRZ coding language can be different from the countries in questions own MRZ coding which can lead to some variation in the code fed back to you, the user. To counteract these variances ask the following questions:

- What do I know about the person I'm screening? Do the passport details make sense when I consider this knowledge?
- Do I hold any other CDD on this individual, and do the details i.e. DOB, Country, Full name make sense
- Is the variation still pulling through correct details in comparison to the MRZ code held on the Passport or the individuals' details. And, if so, am I noticing more Chevrons (>) within the MRZ code, or is the individuals' name formatted slightly differently
- Does the passport match with similar passports from the country of origin

If still unsure consider asking your internal supervisor or emailing us and raising a ticket at [support@kyc360.com](mailto:support@kyc360.com) and we'll be happy to help

### Other Tools to help

Demo Video: <https://vimeo.com/503521995>

**Article 1:**

<https://smartengines.medium.com/problems-of-machine-readable-zone-recognition-on-mobile-devices-8e70fe62a21a>

**Article 2:**

<https://www.zzap.com/money-hub/how-to-spot-fake-id/>