



## Rogue DNA eGate 7200

### Automated Biometric Border Control Gates

The introduction of ePassports has increased the opportunity to automate the border clearance process. The use of automated border control gates with integrated passport reading and face and fingerprint verification opens the way to increase border security while significantly reducing the overall cost of doing so.

Rogue DNA 7200 eGate Automated Border Control Gates have been designed to real customer requirements, while being customizable to individual country needs. The components of a gate are generally as follows:

- A rugged housing unit with automated gate
- An integrated ePassport reader
- An optional integrated fingerprint reader
- Integrated face recognition capability, camera, and lights
- Optional tailgating detection camera
- Traveler instruction screen controlled by an integrated client PC
- Complete software solution
- Middleware for seamless integration to existing legacy systems

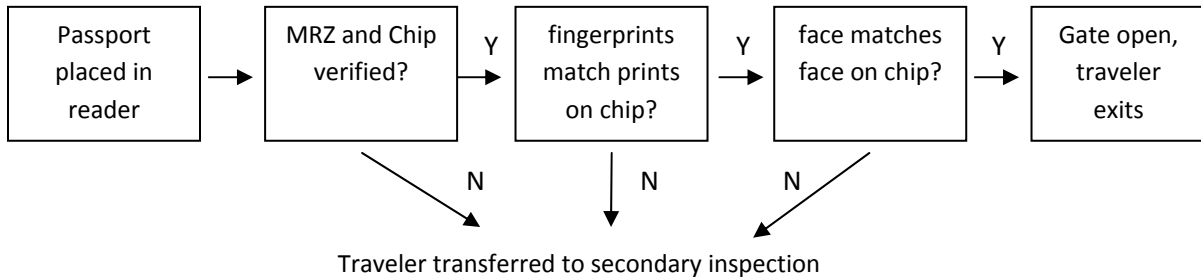


All components meet ICAO standards where appropriate. Other biometrics such as iris recognition can be added if required.

The gate incorporates a Rogue DNA 6320 ePassport reader, which supports both ICAO BAC and EAC standards. In addition to the features of a conventional advanced ePassport reader, the 6320 can incorporate Rogue DNA's unique and patent-pending document authentication technology based on material biometrics. For a country's own passports this has the optional ability to authenticate the individual piece of material used in the personal details page of each passport. For foreign passports it will authenticate the standard passport features of each country.

**Traveler Authentication Process:**

1. Traveler approaches the gate. The screen advises them to place their ePassport in the reader.
2. The MRZ and chip data are read and checked. If OK, the screen advises the traveler to place their finger(s) in the fingerprint reader
3. The fingerprints and the fingerprint images on the RFID chip are encoded and matched.
4. If they match the light is turned on and the screen advises the traveler to look at the camera. The facial image and the image on the chip are both encoded and matched. If they match, the screen advises the traveler to proceed through the gate. An optional module can be added to check the traveler’s face against a watch list at the same time
5. Similarly an iris matching option is also available. This encodes and compares a traveler’s iris and the iris image on the chip
6. An optional stamp printer can be added to automatically stamp the visitor’s passport in a clear space
7. A control module monitors the activities of the eGates and reports in real time to the officers. In the event of any mismatch, or a match against the watchlist, the officers’ own screen will show the gate number and details of the issue



**About Rogue DNA**

Rogue DNA Inc. is a private Canadian company with its head office in Vancouver, British Columbia. RDNA’s management team is comprised of seasoned professionals with substantial combined experience in the security industry, security applications, imaging technologies, biometrics, information technology, and international business.

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