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# SPC AG

## SECURE & MODULAR

### eGATE



## Secure & Modular Immigration eGate

The fight against illegal immigration, high crime rate and terrorist threats demand a huge effort from immigration and police authorities in order to create a Secure Area within the geographical limits of the country.

SPC's eGate represents an important component of our Border Control Suite and forms the basis of a modern and advanced "state-of-the-art" automatic immigration & access control handling. It is utilizing our VeriDoc engine for high-end electronic Travel document verification combined with biometric matching and control list handling (textual and biometric) in a user friendly workflow.



By combining its applicational advantages with the latest technologies of eGate hardware, our eGate solution provides a highly secure automatic immigration eGate for Border Authorities around the world.

## Key Features

### Advanced eGate

- Full height ManTrap design with stainless steel and glass
- Advanced "1 Person Only" detection system with IR and TOF (Time of Flight)
- Empty Floor Detection
- Mother with Child detection
- Luggage Detection
- Motorized Digital Camera
- ePassport Reader
- Dual Fingerprint Scanner
- Touchscreens (optional)



- Surveillance Camera (optional)

## **Architecture eGate application**

A modular approach allows the authorities to define the modules & functionality they would like to use

### **Workflow Manager**

The workflow manager empowers the eGate application to fulfill the business logic predicted by the authorities and the border control system in place and handles interfaces and the business logic behind them.

### **Document Capture & Verification**

Based on our VeriDoc engine, the eGate offers a complete Fully Automated Document Verification, under all given light sources (White, UV, IR, Coaxial) including:

- BAC, EAC, PA, AA & certificate handling
- Data Integrity between VIZ (OCR) vs. MRZ vs. RFID vs. Barcode
- Biometric Integrity (Photo from Datapage vs. Photo from Chip)
- Security Feature & Pattern Matching
- UV Dull Paper Checks, IR B900 ink, Photo Replacement, etc.
- Digital Watermark / IPI (optional)
- Full Document Repository with up to 1900 travel & ID documents

### **Face Capture & Verification**

Live Face Capture with QA ( dynamic & static ), face & eye-finder, automatic cropping and rotating and overall QA according to ICAO. Photo is used for matching against travel documents and control list and for transit data

### **Fingerprint Capture & Verification**

Live Fingerprint Capture with QA, reliable and unreliable minutiae, core and delta, ridge flow count, segmentation, sequence check, NFIQ, etc.

### **Transit Data / Flight Selection**

Modules for Transit Data and Flight Selection for a complete transit record

### **Control List Management**

Support for Control List and Background checks over various interfaces ( biometric and textual) and control lists

### **Transit Database**

Complete Transit Record, History & Audit from all transits through the eGate