

Gemalto Cogent Live Face Identification System LFIS Check SDK



Product Description

The Gemalto Cogent Check SDK is a robust software development kit (SDK) that allows developers to create applications that use face as a biometric identifier. The SDK comes with a demonstration application that shows how the SDK can be integrated with a Gemalto Document Reader to match live faces with faces from documents.

DEMONSTRATION APPLICATION AND SAMPLES

LFIS Check SDK includes a demonstration application that shows the kind of application that could be built with LFIS Check SDK. The demonstration application uses a Gemalto document reader to match live faces with faces from documents for 1:1 or 1:1:1 verification. The LFIS Check SDK also includes simple sample code.

.NET LIBRAIRIES

LFIS Face Matching

Provides functions to carry out matches between 1 face model and another face model using Gemalto's matching library. This library lets you know if the faces in the 2 models are likely to be the same person.

LFIS Face Tracking

Provides functions to simplify the face capture process using a local web cam. This library has been designed to help developers create an auto-capture capability.

LFIS Agent

Provides functions to connect to an available Core LFIS instance. This library can send a model of an applicant to a Core LFIS instance for searching against the Core LFIS persons of interest list.

DEMONSTRATION APPLICATION

The demo application user interface demonstrates the type of functionality typical to a Document Inspection application, although its underlying features also apply to Kiosk or eGate implementations.

FEATURES

- > Automatic capture of ISO Quality Live Facial Image
- > 1:1:1 Facial Matching (Live Image : Printed Photo : Radio Frequency (RF) chip photo image)
- > Central or local facial matching
- > Enrolment to LFIS Core system
- > Searching of LFIS Core system database (White list/Hit list)
- > Confidence threshold is configurable as a percentage
- > Integration with Gemalto Page Reader SDK (available separately) to retrieve document image, printed image and RF chip image
- > Face finding of printed image on document
- > Display of demographic data

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