**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 LIBRARIES**

<table>
<thead>
<tr>
<th>Library</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LFIS Face Matching</td>
<td>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.</td>
</tr>
<tr>
<td>LFIS Face Tracking</td>
<td>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.</td>
</tr>
<tr>
<td>LFIS Agent</td>
<td>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.</td>
</tr>
</tbody>
</table>
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

Gemalto assumes no responsibility for any injury, loss or damage arising out of the use of a product that is not of our manufacture. Where reference is made in literature to a commercially available product, made by another manufacturer, it shall be the user’s responsibility to ascertain the precautionary measures for its use outlined by the manufacturer.