



## **IDesia Development Package**

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**IDesia, Ltd.**  
Halamish 7  
Caesarea  
Israel  
Voice: +972-4-6371938  
Fax: +972-4-6376088

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## Overview

IDesia offers options for developers to build their own software applications on different operating systems and platforms utilizing IDesia biometric and healthcare technology. Our standard SDKs include kits for Microsoft Windows-based systems, Windows Mobile, Linux, Symbian, Maemo, and embedded platforms. All SDKs include APIs for developing customized Healthcare and Biometric Suites. *An upcoming new GUI customization package will allow developers to customize our popular standard Microsoft Windows Healthcare Suite with their own logos, graphics, and languages.*

### Healthcare Suite Applications

#### ***Biometric Applications***

1. Registration
2. File Protector
3. Winlogon
4. IDesia Biometrics Demo

#### ***Healthcare Applications***

1. Heart Rate Monitor
2. Stress Monitor
3. Heart Rate Reduction Trainer
4. ECG TEK
5. Your Mood (*planned for release soon*)

### SDK Components

The SDK includes the different components a developer needs to fully implement and/or customize the Healthcare Suite. Such customization includes changing the logo, altering the GUI appearance, and changing the interface language. The SDK also includes the APIs required by developers to create their own complete healthcare and biometric software.

#### ***Components for Customizing the Healthcare Suite***

1. Strings database: Contains strings for alternate language text, or for changing the default English text messages. The database is based on SQLite version 3, and can be altered using a standard DB editing tool.
2. Logo file: The IDesia logo can be changed to any other logo contained in the logo file. The logo graphic is in the standard PNG format.

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3. Application API: Controls the behavior of the GUI, acting as a wrapper for the IDesia engine API. *Release planned soon.*
  4. GUI customizer: Contains editable Healthcare XAML (<http://msdn.microsoft.com/en-us/library/ms754130.aspx>) source code. Developers can utilize their own animations and sounds, including voice prompts, creating a unique look and feel. The GUI is based on new Microsoft WPF technology, which simplifies the process of customizing user interfaces. Developers can use advanced tools such as Microsoft Expression Blend. *Release planned soon.*

### **Components for building new applications above the IDesia Engine API**

#### **IDesia Biometrics Engine API**

1. C++ API – For Windows PC and Mobile, Linux, Symbian, Maemo
2. .Net API – For Windows PC
3. C API – For embedded platforms

#### **IDesia Healthcare Engine API**

1. C++ API – For Windows PC and Mobile, Linux, Symbian, Maemo
2. .Net API – For Windows PC
3. C API – For embedded platforms (Heart Rate Monitor support only)

### **Sample Applications that cover all the different APIs**