# SDK Contents

The SDK contains the following hardware, software and documentation

## Hardware

| PalmSecure sensor, Guide, Holder, USB Interface cable (1 m) |
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## Software

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| **Authentication Library** | A runtime library for registering and verifying vein data.  This library can be redistributed free of charge as part of the user application. |
| **Sensor Driver** | The driver for operating the sensor |
| **Sample Application** | Provides C/C++ source code and sequence charts that enable simple and rapid architecting of applications. These are available in standalone or client/server configurations. |
| **Interface Library Sample (Java/Visual Basic)** | The sample programs, which interface between applications created by the Java language or Visual Basic language and the Authentication library created by the C language. |
| **Sample collection / Authentication accuracy evaluation tool** | Allow vein date samples to be collected in the customer's sensor environment to calculate the authentication accuracy (FRR/FAR). |
| **Sensor maintenance tool** | Provides a function to diagnose malfunctions in the sensor that can be used to identify failures. |
| **Introduction tool** | A sales support tool that gives an easy to understand introduction to the operation of the palm vein authentication system, including registration of vein data and authentication. |
| **Firmware update tool** | The firmware update tool provides support for the sensor maintenance. The firmware on the sensor unit can be updated easily with the firmware update tool. |

## Main Documents

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| **System development guide** | Describes procedure, precautions, and the development environment for developing palm vein authentication systems. |
| **Authentication library reference guide** | The interface (API) specifications for integrating the palm vein authentication functionality into an application. |
| **Hardware drawings** | A collection of diagrams related to the sensor and other hardware, and how to mount the sensor. This collection of diagrams can be used to effectively mount the sensor and design the palm guide to suit the customer's equipment. |