

# DIGIPASS SDK

## Native integration of DIGIPASS strong authentication into existing applications

**VASCO Data Security developed DIGIPASS SDK to embed DIGIPASS functionality into the integrators', partners' and customers' applications. DIGIPASS SDK can be integrated in virtually any application on any platform offering strong authentication and e-signature capability in a transparent way to the end-user.**

Application providers, e-gaming platforms, e-banking and m-banking solutions, sometimes want to add strong authentication directly to their application without external software interacting with their system.

DIGIPASS SDK allows customers to turn virtually any device with processing power into a DIGIPASS authentication device.

DIGIPASS SDK is the core component of all VASCO's DIGIPASS software based solutions, including DIGIPASS for Web, DIGIPASS for Mobile and DIGIPASS for Windows. DIGIPASS SDK leverages the use of existing applications and devices such as third party applications, a browser, handheld, desktop or server for two-factor authentication and e-signatures.

On the server side DIGIPASS SDK uses VASCO VACMAN, IDENTIKEY and aXsGUARD server technology offering one-time password (OTP) verification and e-signature capability. DIGIPASS SDK is suitable for any server side environment. It integrates with very basic server infrastructures to highly complex environments.

On the client side, DIGIPASS SDK offers the same flexibility. It can be used with very common devices like a PC or specific environments, such as JavaCards, SIM cards, USB devices, mobile phone, tablets,...

DIGIPASS SDK is compatible with all VASCO technology and can be used in conjunction with any other authenticator of the DIGIPASS family.

### TRANSPARENT DEPLOYMENT TO END-USERS

DIGIPASS SDK makes the use of strong authentication transparent for the end-user. One-time password (OTP) and e-signature capability become an integral part of the online application. Strong authentication and e-signature can be used at any moment in your application, just calling upon the relevant DIGIPASS functions.

The two provisioning options (manual and automatic) that are part of the success of DIGIPASS for Mobile are also fully supported in DIGIPASS SDK. The end-user can manually or automatically activate his DIGIPASS enabled application.

### SMOOTH INTEGRATION

Integration efforts are reduced to a minimum, no cryptography skills are required to integrate since the complexity and logic is handled by DIGIPASS SDK.

To support a smooth integration, DIGIPASS SDK provides a wide range of detailed samples, consulting services and training classes.

### EXTENSIBLE SECURITY MODEL

DIGIPASS SDK not only allows integrating strong authentication into any regular software environment. DIGIPASS SDK can also rely on any external SEE (Secure Execution Environment) where all the cryptology and storage functions are performed. As a result DIGIPASS protected applications get the best of two worlds: ease of integration of DIGIPASS functionality, worldwide support and extended security to hardware processing.



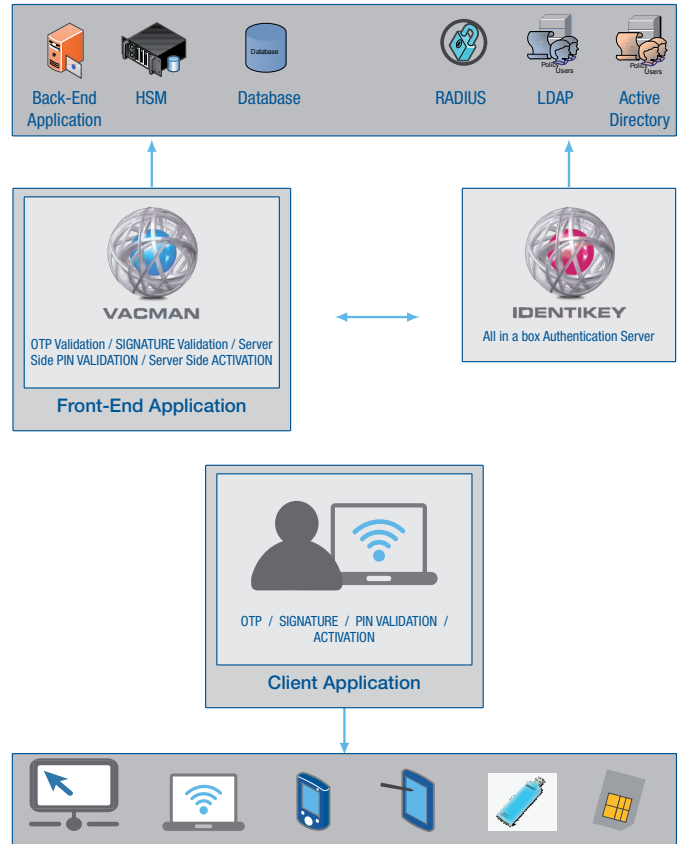
**FULLY CUSTOMIZABLE**

In certain cases, the standard GUI provided by DIGIPASS software solutions do not correspond with the GUI requirements of an existing e-banking, m-banking or gaming application. DIGIPASS SDK overcomes these issues and is able to meet any graphical requirements.

**SUPPORTING COMMON PROGRAMMING ENVIRONMENTS**

DIGIPASS SDK is available for the most common programming environments, including:

- C programming
- Java programming
- Objective C
- Windows Mobile
- Symbian
- Android



**About VASCO**

VASCO designs, develops, markets, and supports patented DIGIPASS®, DIGIPASS PLUS®, VACMAN®, IDENTIKEY® and aXs GUARD® authentication products for the financial world, remote access, e-business, and e-commerce. With tens of millions of products sold, VASCO has established itself as the world leader in Strong User Authentication for e-Banking and Enterprise Security for blue-chip corporations and governments worldwide.

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