

Passfaces Web Access provides developers and system integrators everything needed to add Passfaces authentication to custom web applications. It includes three alternative integration options: Passfaces Web Access for Windows, Passfaces Web Access for Java and Passfaces Web Access Java/SDK. Each provides the same basic functionality and common features.

The appropriate product for your application will depend on the operating system, web server software and development language of your existing application. Passfaces Web Access replaces or augments user passwords in existing applications using the same database or directory. No new databases need to be created and no end user hardware or software are required – just a web browser.

#### Passfaces Web Access includes:

- Passfaces Technology
- Customizable Client
- Administration Console
- Passfaces Image Library
- Adjustable Security Levels
- Dual Enrollment Capability
- Event Logging



Passfaces Web Access simplifies the user authentication experience while increasing password complexity. Passfaces provides two-way authentication products that mitigate the risks of both fraud and identity theft associated with online banking and e-commerce activity.

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*Passfaces Web Access is a complete package that easily enables you to integrate Passfaces into existing web applications.*

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#### Passfaces Technology

It's true, we never forget a face. We might not be able to associate a name with a face, but the brain can recognize a face for months, or even years after the first encounter. It's that scientific fact that serves as the basis for Passfaces technology. Users are given a random set of faces (typically 3 to 7) to serve as their password. They are taken through a "familiarization process" that imprints the faces in their mind. Users then log into protected systems by selecting their assigned faces from five different groups, each containing nine faces. These groups are presented one at a time until all the Passfaces have been correctly identified.

#### Product Components

##### Passfaces Server-side code

- Java class package for Java application servers
- Java servlet (HTTP interface) for Java application servers
- ISAPI extension DLL (HTTP interface) for Microsoft IIS servers

##### Passfaces Web Clients

- JavaScript / Java applet / ActiveX alternatives

##### Passfaces Administration Console

- Web based (for Java application servers)
- Windows application (for use with IIS)

##### Passfaces Image Library

- Custom and standard libraries available

##### Reference Implementations

- Including sample JSP/ASP/HTML pages

##### Detailed integration information

- Current documentation found in customer and partner portals

#### Operating Environments

##### All known Java application servers

- Passfaces Java class package
- JSP/Servlet examples
- JDBC interface to SQL databases

##### Windows version supports Microsoft IIS (on Windows 2000 and 2003)

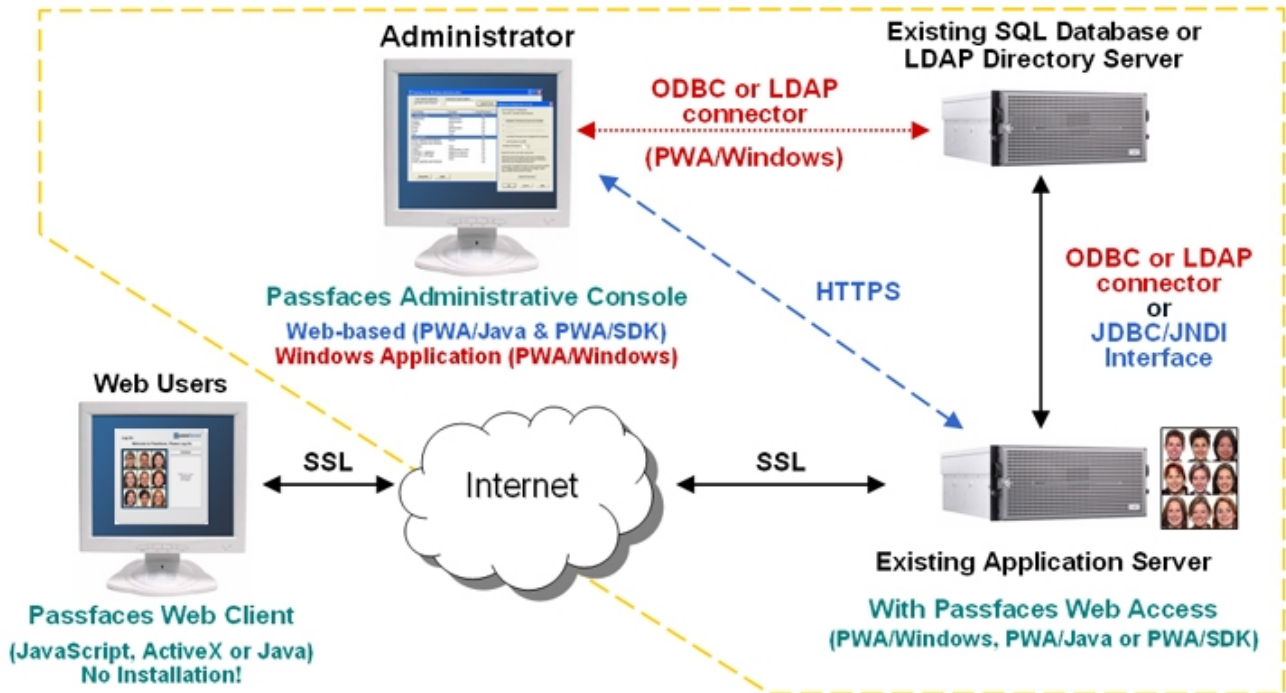
- Passfaces ISAPI extension
- HTML/ASP examples
- ODBC interface to SQL databases

##### Supports all major browsers on Windows, Macs and UNIX Systems

- JavaScript, Java applet, ActiveX component
- No plug-ins or software installation required

Our security experts and technical consultants provide you with any assistance you may require in the integration and configuration of your strong authentication system.

## Passfaces for Web Access Architecture



### Image Library

The standard Passfaces Image Library contains 135 face images. These images are in JPEG format and have unique filenames used to identify the face image. Custom Image Libraries are also available.

### Customizable Client Graphic Interface

Passfaces Web Access includes a highly customizable Web client. A company logo, colors, and customized text can be added to existing skins to match corporate identities. Since the client is presented in HTML, it can also be designed to match the look and feel of a company web site.



### Administrative Console

The Passfaces Web Access administrative console provides easy administration of Passfaces. The console lets you choose which users receive Passfaces, set the number of Passfaces to use per user, configure single user or multiple user properties, and more.

