

Confident ImageShield™ is an image-based, user authentication technology that generates one-time passwords by prompting users to identify images that fit their previously-chosen, secret authentication categories.

How it Works:

1. The first time a user registers with your website, application or service, they will go through an enrollment process. The user will select a few **authentication categories** they can easily remember – such as dogs, flowers and cars.
2. Any time authentication is required, the user is presented with a randomly-generated grid of images – the Confident ImageShield.
3. The user authenticates by identifying which images on the grid fit their secret authentication categories. They can simply click on the appropriate images, or type the alphanumeric characters that appear on the correct images to form a **one-time password**.

In this example, the user would enter E, T, X.



One-Time Passwords

The pictures that appear on the Confident ImageShield are **different every time**, but the user will always look for their same categories. Each picture is **randomly paired with a different alphanumeric character**. In this way, Confident ImageShield generates a unique, one-time password every time. Yet, the user only needs to remember their few categories.

By creating one-time passwords, Confident ImageShield provides strong authentication that is secure against dictionary attacks, keyloggers and the security breaches associated with weak passwords, stolen credentials and password re-use.

Easy to Use

Confident ImageShield is extremely easy for users. People's brains are innately better at remembering categories and recognize images than memorizing long strings of letters, numbers and symbols (as in a traditional text password).

When a user sees the random images presented on the Confident ImageShield, it helps trigger their memory of which categories they chose during enrollment. This is called **guided recall** and is much easier than remembering which password you created for a particular website or online account.

Strong Authentication

One-Time Passwords

Easy to Use

Increase Security

Branding Opportunities

Eliminate Password-Related Help Desk Calls

Business Uses

Secure Logins – Eliminate passwords, or simply add Confident ImageShield as a second layer of authentication.

Anti-Phishing – Confident ImageShield provides dynamic, mutual authentication to prevent phishing on websites.

Replace Challenge Questions – Replace insecure challenge questions with strong, image-based authentication.

Password Resets – Use Confident ImageShield for strong user authentication during the password reset process.

Mobile Authentication – Confident ImageShield is ideally suited for use on mobile devices with graphical displays and touchscreens. Users simply tap the appropriate pictures to easily authentication with one-time passcodes.

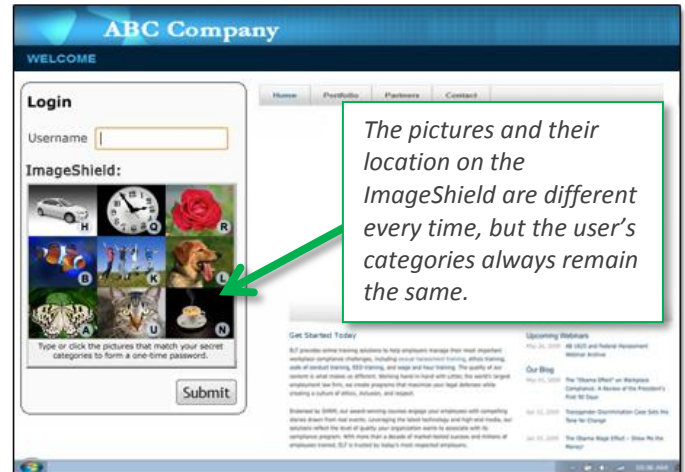
**GET STARTED
TODAY!**

Web demo: www.confidenttechnologies.com/demos

Visit www.confidenttechnologies.com/trial to start a **FREE** trial

Features

- Fully customizable look and feel to match your website or application design
- Integrates easily with existing user management, authentication, and access control systems
- Built-in alerts that complement your security monitoring or risk management systems
- Manage configuration settings from an internal administration console
- View security performance metrics



Administration Options

- Control the size and shape of the ImageShield and number of images displayed. Example in-line and grid options:



- Determine the number of categories users must remember
- Dictate whether or not users must identify images in order
- Display or hide letters overlaid on the images
- Choose clickable version or require users to type letters

Full SDKs Available in:

ASP.NET version 2.0 and up

PHP version 5 and up

Java Standard edition 5 and up

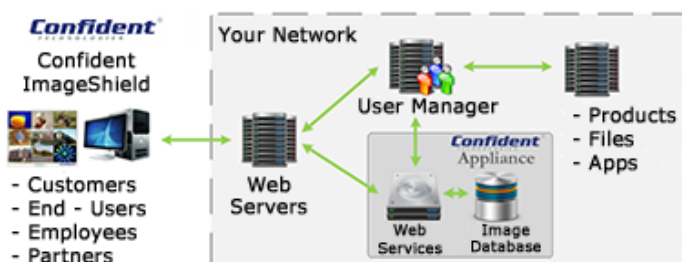
Python 2.7 and up

iOS version 4 and Android 2 for mobile

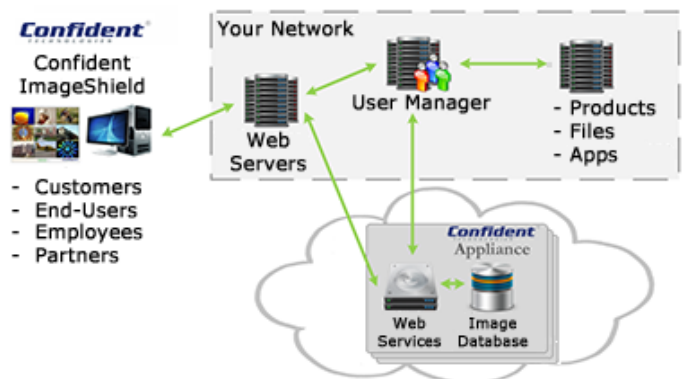
Full RESTful web service support for other platforms.

Deployment Options

1. An appliance installed in a data center



2. Software as a Service (SaaS)



3. License as a white-label component for OEM

Contact Confident Technologies

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Call: 858-345-5640

Email: Sales@ConfidentTechnologies.com

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