



One-time Password

One-time Password is an easy-to-use feature to tighten security, facilitate administration and deployment, and greatly improve the user experience on the iPass service.

One-time Password securely authorizes and authenticates end users on the iPass service, removing the need for end users to keep track or update corporate credentials. One-time Password uses a token-based system to randomly generate a user's password once identity has been confirmed. Unlike static passwords, One-time Passwords are not vulnerable to replay attacks.

One-time Password works in two steps:

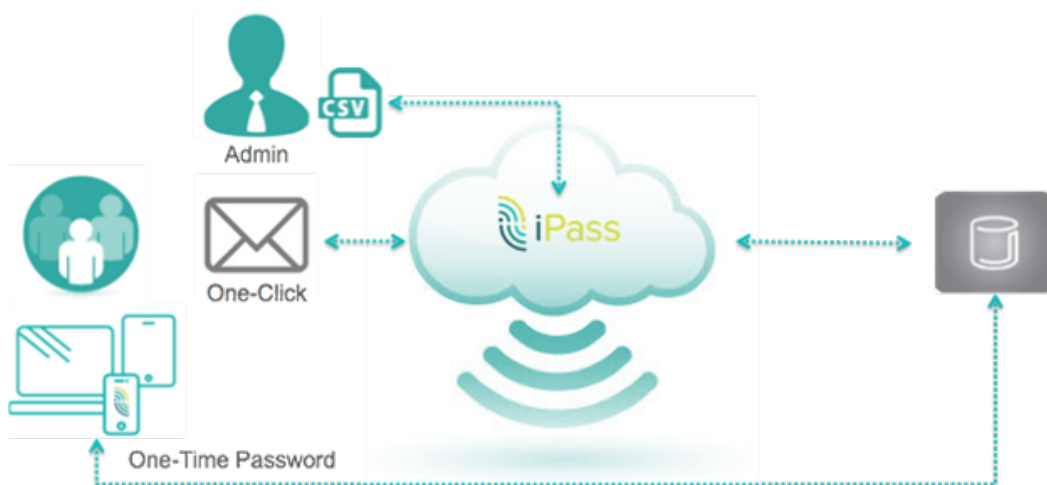
1. Authorization: As a component of One-time Password, One-click Activation allows iPass to verify whether a user is authorized to use the service. Once verified, the user receives a tokenized pseudonym identity, correlating to the user's true identity. The iPass app will then be provisioned on the user's device. One-click Activation is an easy and intuitive onboarding feature of the iPass service that allows administrators to deploy the service to their employees quickly and easily. The administrator simply uploads a CSV file or list of users to the iPass dashboard. End users then receive an email notification, which allows them to activate their iPass account with just one click on any device.



2. Authentication: Once authorized, authentication onto the iPass network happens in the background, as iPass verifies the authenticity of the user, who is attempting to log in. As the user attempts to connect to an iPass hotspot, the hotspot will pass the request on to the iPass Authentication Cloud, which will verify the validity of the user.

What is the administrative and user journey?

- ▶ The administrator uploads a CSV file to the iPass Admin Dashboard.
- ▶ End users receive an email announcing the launch of the service and urging them to activate their account by tapping on the “One-click” link.
- ▶ The link directs end users to the appropriate app store (e.g., iTunes, Google Play or the Windows Store) based on the device on which they opened the email.
- ▶ End users download the app with the iPass account automatically created.
- ▶ End users open up the iPass app with their One-time Password.





ABOUT IPASS

iPass is a leading global provider of mobile connectivity, offering convenient, secure, always-on Wi-Fi access on any mobile device. Built on a software-as-a-service (SaaS) platform, the iPass cloud-based service keeps its customers connected by providing unlimited Wi-Fi connectivity on unlimited devices. iPass has 50 million hotspots in more than 100 countries, at airports, hotels, train stations, convention centers, outdoor venues, inflight, and more. Using patented technology, iPass SmartConnect takes the guesswork out of Wi-Fi, automatically connecting customers to the best hotspot for their needs. Customers simply download the iPass app to experience *unlimited, everywhere, and invisible* Wi-Fi.

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Specifications of iPass One-click Activation with One-time Password

Detail	Description
No Change Management for Admins	<ul style="list-style-type: none">▶ Streamlines deployments▶ Increases user adoption and satisfaction▶ Gives IT control over which end users are authorized to use the service
One-click Activation for End Users	<ul style="list-style-type: none">▶ Automatically detects device, downloads from app store, and activates with One-Click Activation▶ Eliminates password fatigue
Security and Privacy	<ul style="list-style-type: none">▶ Increases security, as token-based dynamic credentials are not susceptible to replay attacks▶ Gives IT control over which users are authorized to use the service
Platforms Supported	<ul style="list-style-type: none">▶ Hosted User▶ RoamServer (will be available in late April)

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