



Integration overview

What is OneID?

OneID is a digital identity solution that removes barriers that frustrate shoppers, gets them through to checkout, and improves security – for both you and your customer. That means increased revenue, lower support costs, and happier customers. Best of all, adding OneID to your site is a matter of minutes or hours, not days or weeks.

How does OneID work?

OneID is the first digital identity provider to eliminate the need for usernames and passwords. With OneID, your customers sign in with a click, fill forms with a click, and check out with a click. Our proprietary “security through separation” protocol ensures that your customers are who they say they are. We recognize the devices they’ve authorized, and combined with their encrypted data in our cloud repository, their identity is verified.

OneID draws its strength from the joint use of a user’s own devices with a credential and data storage repository chosen by the user. OneID is designed to protect against a security failure in any of these elements, while providing end-to-end security between user and website.

For users, using OneID requires a OneID-enabled device (mobile or tablet or PC) and internet access to the user’s OneID cloud storage repository. For extra security, users can control their OneID through the OneID Remote app, controlling enabled devices, authorizing transactions, and managing their personal information.

For websites, OneID can be integrated one of three ways, offering the right solution for your business and customer experience. And each of these integrations offers one-click provisioning tools to facilitate OneID sign up.

Integrating OneID can take as few as 20 minutes and at most is just a matter of a day or so of work. With reference implementations for many major commerce platforms, engineering effort is minimized for most online retailers.

Integration requirements:

To use OneID Authentication securely, you must be able to do the following:

- Render web pages dynamically (using PHP, Python, Java, .NET etc.)
- Add JavaScript links and code to your HTML pages
- Validate the signed data that you receive from the user's browser, either independently or by using OneID [Helper Services](#).

OneID Implementations

OneID Sign In

OneID Sign In is a secure authentication tool that enables websites to sign in users without requiring the user to create and remember a username and password combination. Customers simply look for the OneID Sign In button and they're in.

How it works:

OneID generates a unique user ID for each user, and you can rely on OneID to verify that the current user is the same individual as the last time that they logged in. Each OneID user ID is uniquely generated for each website, so your users can avoid unwanted correlation while still securely associating user activity on your website with previous sessions. You can link your internal user identifier (such as a username from a legacy account) with this identifier, or use the identifier directly to internally refer to the account. When authorized by the user, you can also retrieve additional attributes—such as name, shipping address, or email—from the user's OneID profile.

Integration Steps:

Integration of OneID Sign In is a straightforward three-step process, the details of which are described on our developer website, developer.oneid.com.

- Step 1: Include the OneID JavaScript library
- Step 2: Define an HTTPS server side callback
- Step 3: Add the OneID Sign In button
- Step 4: Set up the callback URL handler

Integration Time: 2 – 5 hours

OneID QuickFill

OneID QuickFill populates any form with a customer's information with one click of the OneID QuickFill button. Customers can speed through the purchase process quickly and accurately by clicking on the OneID QuickFill button.

How it works:

OneID QuickFill enables websites to help users quickly and accurately complete the forms required to complete a transaction. Users will then be able to complete forms with as little as a single-click, reducing errors and related support costs.

With user authorization, you may also retrieve additional attributes—such as name, shipping address, or email—from the user's OneID profile when the user is authenticated.

Step 1: Include the OneID JavaScript libraries

Step 2: Map your form fields to the OneID attributes

Step 3: Add the OneID QuickFill button

Integration time: 20 – 30 minutes

OneID Checkout

OneID Checkout is a single-click solution that enables users to both sign in and complete needed forms at time of check out, from authentication to authorization. Customers are able to map to existing accounts, preserving their interaction history with your site.

How it works:

OneID Checkout enables websites to offer users a secure, quick and accurate way to login and complete checkout forms in as little as one click. By mapping your internal user identifiers and form requirements, customers will be able to more quickly login and get through your buy flow.

Customers' personal information is securely and accurately retrieved from their OneID profile when the user's device or browser is authenticated.

Step 1: Identify where OneID Checkout should go in your shopping cart

Step 2: Include the OneID JavaScript libraries

Step 3: Map your form fields to the OneID attributes for every field in your checkout flow.

Step 4: API call to `OneIdForm.fill`

Integration time: 8 – 16 hours depending upon level of customization desired. Designed to be flexible, you can integrate OneID Checkout so it fits into your existing buy flow smoothly.

FAQ:

What if a customer doesn't have a OneID?

With all three implementations, a user can quickly and easily get a OneID with One-Click provisioning right from a light-box window from your site. Basic OneID account set up takes less than 10 seconds.

You can opt to suppress OneID if a customer does not have OneID provisioned on that device or browser.

Can a customer map their existing account with their OneID?

Absolutely. There are two ways – first they can log into your site, like always. At that point, a user can be prompted to connect their OneID to their customer account. Secondly, a user can shop anonymously and then opt to sign in via OneID where they will be prompted to enter their credentials if they already have an account with you. Both of these mapping options are flexible enough to ensure a smooth and unobtrusive customer experience.

How does a user get a OneID from a commerce site?

With each integration, there are additional one-click provisioning options to help users quickly and easily set up their OneID account and immediately use that OneID to complete the transaction on your site.. These options range from post-cart abandonment, guest checkout, and post-order completion. Each implementation is designed to help a user get a OneID account – which allows them to complete transactions more quickly and securely in the future. Please visit the developer site for more detail on the one-click provisioning.

How do I get started?

If your site runs PHP you can download our SDK here (<https://github.com/OneID/oneid-php-sdk>). If you don't use PHP, you can visit <https://developer.oneid.com> and read our tutorial.

How do I get help in my implementation?

You can always visit <https://developer.oneid.com> for information, <https://support.oneid.com> for FAQ, or contact support@oneid.com for help with your implementation.

For a full list of frequently asked questions please visit <http://developer.oneid.com>.