



SIMPLE SINGLE SIGN-ON API

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Xpressdocs Partners, Ltd. 1301 NE Loop 820, Fort Worth, TX 76137, USA

+1 817.547.9743 | www.xpressdocs.com

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1 Introduction

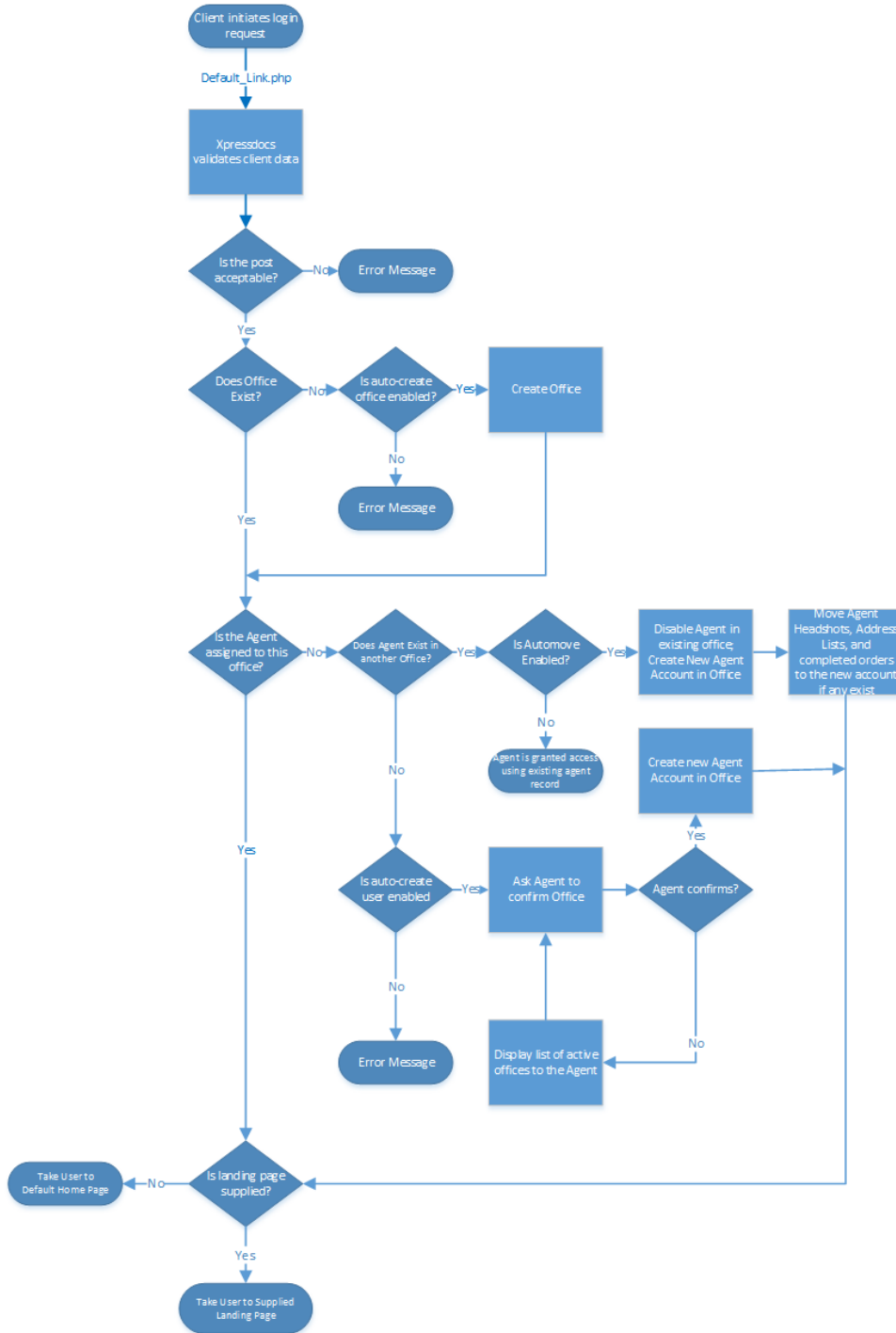
Simple Single-Sign-On allows you to integrate your current corporate intranet/application directly into the Xpressdocs system, without the need for users to provide login credentials (i.e. User ID and Password). This is accomplished by incorporating a simple HTTP POST to our server, either by using a link and posting with JavaScript, or by providing a submit button to launch Xpressdocs.

2 Security

Xpressdocs Simple Single-Sign-On API requires the Clients' external IP address(es) to allow access to the Xpressdocs testing platform. The data should be posted using HTTP.

3 Simple Single-Sign-On Integration

3.1 Process Map



3.2 Overview

- 1) Client initiates a connection to Xpressdocs through a link on their company website
- 2) Xpressdocs validates the login request and compares it against the data we currently have on the client
 - a) If the post is corrupt or otherwise unacceptable an error message is displayed
- 3) The system then checks if the office the Client is a member of exists
 - a) If the office does not exist the system will attempt to auto-create the office.
 - i) If auto-create office is disabled an error will be displayed, “Attempt to create Office account or Login was not successful. Contact your account manager at Xpressdocs for assistance. 1.866.977.3627”
 - ii) If auto-create office is enabled it will create the office
- 4) The system checks to see if the Client shows as a member of that office in the Xpressdocs system.
 - a) If the Client isn’t assigned to the office the system checks to see if the Client’s account exists.
 - i) If the Client’s account doesn’t exist, the system will attempt to auto-create the Client’s account.
 - (1) If auto-create user is disabled an error will be displayed, “Attempt to create User account or Login was not successful. Contact your account manager at Xpressdocs for assistance. 1.866.977.3627”
 - (2) If auto-create user is enabled, it will create the Client’s account.
 - b) If the agent exists, the Xpressdocs system attempts to move the user to the office.
 - i) If auto-move is disabled, then the Client is left in their existing office and granted access to the Xpressdocs system.
 - ii) If auto-move is enabled, the Client is added to the office along with their headshots, address lists, and completed orders.
- 5) Xpressdocs checks to see if a Landing Page URL was supplied with the Login Request
 - a) If not, the Client is taken to the default home page for the customer
 - b) If so, the Client is taken to the specified landing page

4 HTTP Post Elements

This section describes the standard implementation HTML schema for use in Single Sign-On requests. The value for the company field will be supplied by Xpressdocs; while all other values, such as "123ABC", should be replaced with the correct value from the client side. The Xpressdocs schema organizes accounts into a hierarchy of: Company, Office and User. The form specifies the various attributes of the schema.

4.1 Sample

Sample Form to Post to Xpressdocs:

```
<form name="Xpressdocslink"
action="https://www.Xpressdocs.com/next/default_link.php" method="post">
<input type="hidden" name="company" value="105XPRESSDOCSDEMO742">
<input type="hidden" name="officeid" value="123ABC">
<input type="hidden" name="userid" value="WCoyote">
<input type="hidden" name="usertype" value="Agent">
<input type="hidden" name="region" value="SW">
<input type="hidden" name="division" value="12345">
<input type="hidden" name="firstname" value="Wiley">
<input type="hidden" name="middlename" value="E.">
<input type="hidden" name="lastname" value="Coyote">
<input type="hidden" name="email" value="wcoyote@acme.com">
<input type="hidden" name="webpage" value="www.acme.com">
<input type="hidden" name="directphone" value="555-555-1234">
<input type="hidden" name="officephone" value="555-555-5555">
<input type="hidden" name="fax" value="555-555-5566">
<input type="hidden" name="officename" value="Cliffside">
<input type="hidden" name="officeaddress1" value="123 Cliffside Ct">
<input type="hidden" name="officeaddress2" value="">
<input type="hidden" name="officecity" value="Death Valley">
<input type="hidden" name="officestate" value="CA">
<input type="hidden" name="officezip" value="94562">
<input type="hidden" name="officecountry" value="US">
<input type="hidden" name="headshot_url"
value="http://acme.com/headshots/wileyfalling.jpg">
<input type="hidden" name="landing_page_url" value="template.php">
<input type="submit" value="{label of your choice}">
</form>
```

4.2 Data Elements

Input Field Name	Description	Req'd
XpressdocsLink	Must point to: Stage URL: https://www-stagetre.xpressdocs.com/next/default_link.php Production URL: https://www.xpressdocs.com/next/default_link.php	Y
Company	Xpressdocs supplied Company ID	Y
Officeid	Office's Unique Identifier	Y
Userid	Agent's Unique Identifier	Y
Usertype	"Company", "Office", or "Agent" – Level to log in	Y
Region	Region's Unique Identifier	N
Division	Division's Unique Identifier	N
Firstname	Agent's First Name	Y
middlename	Agent's Middle Name	N
lastname	Agent's Last name	Y
Email	Agent's Email	Y
Webpage	Agent's web page URL	N
Direct phone	Agent's Phone #	Y
officephone	Office's Phone #	Y
Fax	Office's Fax #	N
officename	Office's Name	Y
officeaddress1	Office's Street Address	Y
officeaddress2	Office's Street Address Continued	N
officecity	Office's City	Y
officestate	Office's State – 2 characters	Y
Officezip	Office's Zip Code	Y
officecountry	Office's Country – 2 characters	Y
headshot_url	Fully qualified URL to agent's headshot	N
landing_page_url	Landing Page to drop user into following a successful login <ul style="list-style-type: none"> • (Default) Home - /index.php • APM Properties - /apm_pending.php • APM Property Marketing Program Preferences - /apm_profile.php • Brand Essentials/OPS – /stationery.php • My Account - account/index.php • MyListings - /mylisting_results.php • New Email - /rezora_sso.php?new=1& • Print and Direct Mail landing page - categories.php <ul style="list-style-type: none"> ○ Can include linking to a specific category or template • Seasonal page - seasonal.php 	N

	<ul style="list-style-type: none">• Social HQ landing page - /marketing_socialhq.php• Stat a new Order – /template.php<ul style="list-style-type: none">○ Can include linking to a specific category or template• XpressConnection landing page - xpressconnection/index.php	
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5 Deployment

5.1 Environments

Xpressdocs has the following:

Name	Description
Stage	Staging environment for QA testing
Production	Live production environment

Xpressdocs will provide a non-production environment for testing purposes (Stage). A client's production environment should point to Xpressdocs's production environment by default.

5.2 Diagnostics

Xpressdocs logs all XML sent to and received from clients. Xpressdocs recommends that clients do this as well. Troubleshooting issues is much easier when a clear record of what data was exchanged exists, including error messages and what happened as a result.

5.3 Tasks

Xpressdocs needs to do the following to integrate with a client:

1. Add Clients' IP address(es) to firewall allow list
2. Provide the IP address range for both Xpressdocs platform environments
3. Xpressdocs must provide clients with company IDs
4. Xpressdocs must coordinate integration testing with clients prior to deployment