



iProov User VBO

USER GUIDE V1.0

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1. Introduction

This asset is designed to assist in providing access to the iProov User API. This asset is not a complete solution. iProov incorporates technology to assess the genuine presence of the user, and therefore it is only an accelerator to assist in your integration between the UI and your back-office system. In order to use this asset correctly it is necessary to be able to access the iProov verification server from your back-end system.

There are 4 iProov API wrappers for use from Blue Prism:

- iProov Enroll
- iProov Management
- iProov User
- iProov Verify

It is highly likely your installation will require all of these assets, depending on your usage. However it is expected you will always require the management asset, as this houses the OAuth2 wrapper.

2. Prerequisites

To use this asset, you require a licenced Blue Prism installation or trial. More information on Blue Prism can be found here: <https://www.blueprism.com/free-trial>.

You will also require an iProov subscription. Further details of this can be found at <https://www.iproov.com> or from your Blue Prism representative.

The output of this asset is in JSON (JavaScript Object Notation), as such it makes use of a Microsoft .NET assembly called Newtonsoft. This helps process JSON output from the webservice and make it easy to work with. This assembly normally exists in your Blue Prism folder and should not need any additional work on your part. This notice is provided simply for awareness.

3. Purpose

This asset is intended to assist in working directly with the iProov system and enables ID verification using biometric data.

4. Using the Business Object

4.1. Activate Persona

Activate a user's persona for a service provider. Requires an OAuth 2 Bearer token with scope user-write-status.

Inputs

Name	Description	Data Type
User_id	The asserted identifier of the user	Text
Bearer_token	The OAuth token used to ensure security of the call.	Text
Date_time	The date from which the state change for the user is effective from (default: now)	DateTime

Outputs

Name	Description	Data Type
user_id	The asserted identifier of the user	Text
name	The associated user name.	Text
status	A status of either 'inactive', 'active', 'suspended' or 'deleted'.	Text
Suspension-date	The date that the account was suspended.	DateTime
Activation_date	The date that the account was activated.	DateTime

4.2. Get Users Persona

Get a user's persona for a service provider. Requires an OAuth 2 Bearer token with scope user-read.

Inputs

Name	Description	Data Type
User_id	The asserted identifier of the user, this can be a guid or an email address or another identifier.	Text
Bearer_token	The oauth token needed to make the request secure.	Text

If a result is found (or the query has failed), without needing further consultation, a result object will be returned. Otherwise, a question object is returned.

Outputs

Name	Description	Data Type
user_id	The asserted identifier of the user	Text
name	The associated user name.	Text
status	A status of either 'inactive', 'active', 'suspended' or 'deleted'.	Text
Suspension-date	The date that the account was suspended.	DateTime
Activation_date	The date that the account was activated.	DateTime

4.3. Update User Identifier

Update a user's identifier for a service provider. Requires an OAuth 2 Bearer token with scope user-write.

Note one (or both) of *name* and *new user-id* is required.

Inputs

Name	Description	Data Type
User_id	The asserted identifier of the user	Text
New_user_id	The new id that is to replace the previous.	Text
Name	The name associated with the user id.	Text
Bearer_token	The OAuth bearer token to provide security for the call.	Text

Outputs

If a result is found (or the query has failed), without needing further consultation, a result object will be returned. Otherwise, a question object is returned.

Name	Description	Data Type
user_id	The asserted identifier of the user	Text
name	The associated user name.	Text
status	A status of either 'inactive', 'active', 'suspended' or 'deleted'.	Text
Suspension-date	The date that the account was suspended.	DateTime
Activation_date	The date that the account was activated.	DateTime

4.4. Delete Persona

Deletes a user's persona from a service provider. Requires an OAuth 2 Bearer token with scope user-write.

Inputs

Name	Description	Data Type
User_id	The asserted identifier of the user	Text
Bearer_Token	The OAuth bearer token to ensure the security of the call.	Text

Outputs

If a result is found (or the query has failed), without needing further consultation, a result object will be returned. Otherwise, a question object is returned.

Name	Description	Data Type
user_id	The asserted identifier of the user	Text
name	The associated user name.	Text
status	A status of either 'inactive', 'active', 'suspended' or 'deleted'.	Text
Suspension-date	The date that the account was suspended.	DateTime
Activation_date	The date that the account was activated.	DateTime

4.5. Suspend Persona

Suspend a user's persona from accessing a service provider. Requires an OAuth 2 Bearer token with scope user-write-status.

Inputs

Name	Description	Data Type
User_id	The asserted identifier of the user	Text
Date-time	The date from which the state change for the user is effective from (default: now)	DateTime

Outputs

Name	Description	Data Type
user_id	The asserted identifier of the user	Text
name	The associated user name.	Text
status	A status of either 'inactive', 'active', 'suspended' or 'deleted'.	Text
Suspension-date	The date that the account was suspended.	DateTime
Activation_date	The date that the account was activated.	DateTime

5. Support

Support for this skill is provided via the Blue Prism Digital Exchange Community Forum. Post your questions here: [Digital Exchange Community Forum](#)

iProov user returns 200 HTTP status in case of a successful request.

While, in case of an illegal request, iProov returns 4xx HTTP code along with a descriptive message as why the error occurred.

6. Functional Tests

There is a simple test process supplied in the release file. It has been tested for functionality and not performance. Blue Prism does not guarantee this VBO asset as being suitable for any specific purpose and it is up to the customer to ensure it meets their requirements. Use of this VBO asset is acceptance of this understanding.

7. Troubleshooting Guidelines

For more details on the iProov API, please check their documentation at <https://secure.iproov.me/docs.html>.

8. Frequently Asked Questions

There are no frequently asked questions at this stage.