



iProov Management VBO

USER GUIDE V1.1

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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 recommended that you thoroughly understand the iProov process for authentication and ensure that none of your security items (api, secret etc) are leaked through using them in the wrong place for example if you have created your own client application. iProov make available considerable development resources to assist with development and it is recommended to follow their advice in order to provide a secure identity solution.

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. Check platform availability

Check the requested platform is available.

Inputs

Name	Description	Data Type
Api_key	The API key of the service provider	Text

Outputs

Name	Description	Data Type
Up	Whether iProov service is available or not.	boolean

4.2. Invalidate a token

Invalidates a token.

Inputs

Name	Description	Data Type
Token	The token to invalidate. This is an enrolment or validation token. Not the bearer token.	Text
Reason	The reason to be displayed to the user for the invalidation of the claim.	Text

Outputs

Name	Description	Data Type
Claim_aborted	True if the claim was invalidated	boolean
User_informed	True if the user was successfully informed that the claim has been invalidated	Text

4.3. Obtain Bearer Token

Allows a registered application to obtain an OAuth 2 Bearer Token, which can be used to make API requests on an application's own behalf, without a user context. Currently only client credentials are supported.

Bearer tokens are valid for a maximum 1 hour and 50 requests. This requires OAuth credentials that need to be requested from iProov.

Inputs

Name	Description	Data Type
Api_key	The API key of the service provider.	Text
Grant_type	The type of grant being requested by the application	Text
Scope	The collection of scopes being required for this Bearer token	Text (array)

If Scope is omitted, all scopes are provided.

Outputs

Name	Description	Data Type
Access_token	The Bearer token	Text
Token_type	Usually reads 'Bearer'.	Text
Expires_in	How many seconds the token is valid for.	Integer
Scope	The requested scope	Text (array)

The scope parameter above is a JSON array. The individual elements are accessible through JSONPath in the Web API request.

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 website at <https://secure.iproov.me/docs.html>

8. Frequently Asked Questions

There are no frequently asked questions at this stage.