

Submitting a BIM360 'app' to Autodesk App store

Augusto Goncalves

Developer Advocate

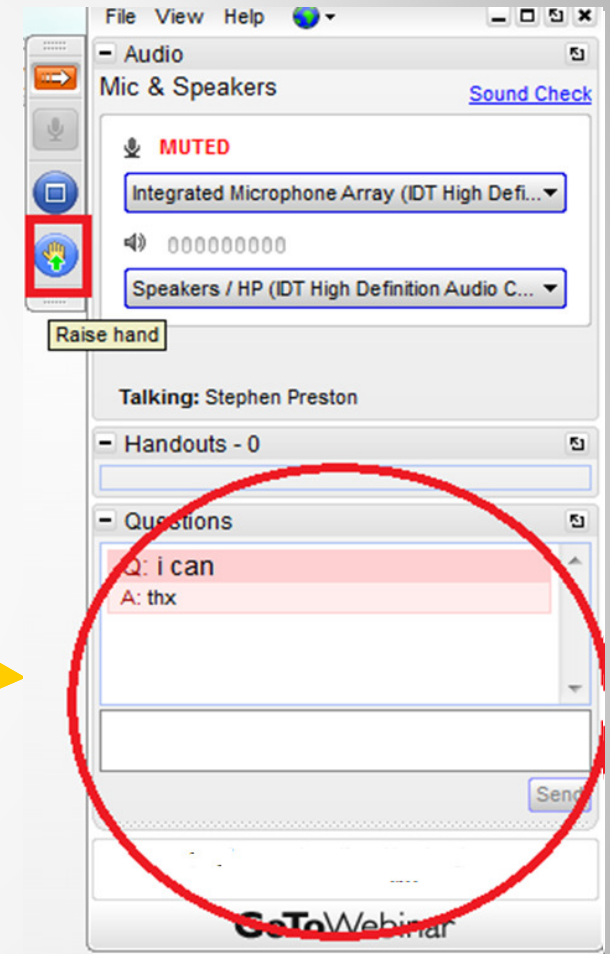
 [augustomaia](#)

To ask questions

- Raise hand to speak

or

- Type a question




Agenda

- Before publishing
 - Requirements
 - Security
- Submitting the app
- After
 - IPN
 - New releases
- Future, what's next

Requirements

Requirements

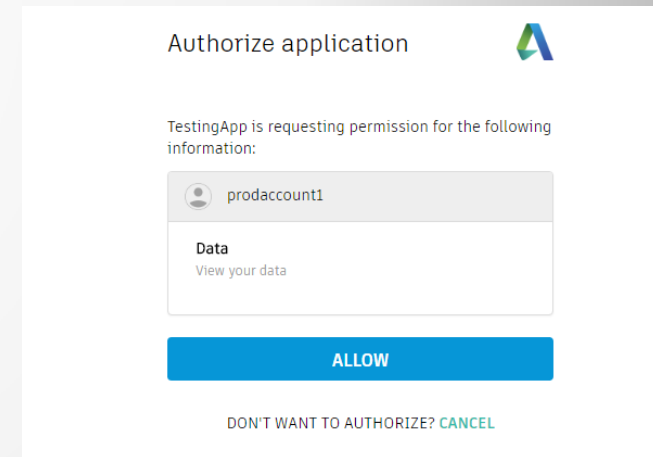
- Visit www.autodesk.com/developapps 
 - Relevant
 - Ready-to-use
 - Do not expose user data in public
- Must show provisioning steps
forge.autodesk.com/blog/bim-360-docs-provisioning-forge-apps
- 3-legged is preferred
 - This inherits user permissions
 - Avoid 2-legged to access files (data-leak), or (if needed) use ***x-user-id*** header



Security

Security


- Use server-side communication with Autodesk
 - Client (JavaScript) calls cause CORS error
- Pay extra attention to data-leaks
 - 3-legged tokens should avoid expose data to wrong user
- DO NOT store access tokens on the client
- Use correct scopes
 - Only require scopes needs for your app
 - For Viewer, use viewables:read or proxy



Submitting the app

Submitting the app


- Payment
 - Paypal
 - Bluesnap (recommended)
- IPN (*more later*)
 - Notifies when your app is purchased
- Download notification
 - Will receive an email

 AUTODESK. APP STORE English ▾ Forum Augusto Goncalves ▾


Find out what apps are requested by Autodesk users. [Visit Autodesk IdeaStation.](#)

Publisher Corner

Publisher Settings Apps My

Publisher Information 

First Name*	Augusto	Last Name*	Goncalves
Email*	augusto.goncalves@autodesk.com		
Company URL	http://forge.autodesk.com		
Support Contact*	bim360apps@autodesk.com		

Payment Platform 

You are required to provide your BlueSnap or PayPal information before publishing paid apps.


BlueSnap (Recommended) [Learn how to configure BlueSnap settings.](#)

Account ID

☐ My BlueSnap account is not created through the Autodesk Partner Signup Page. [Help](#)

PayPal account Email address for the PayPal account that will be used for product sales.


PayPal account

Instant Payment Notifications 

Instant Payment Notification (IPN) is a message service that automatically notifies you of events to your PayPal or BlueSnap transactions. You can use them to track order status.

Your IPN Listener URL:

I also want to receive IPN for ☒ Free Apps ☒ Trial Apps

Download Notification 

Please choose how frequently you would like to receive notifications via email about your published Autodesk App Store. This selection will apply to all the apps.

☒ Please send a copy of every email to my inbox ☐ Please send a single email digest once a day ☐ Please do not send me any emails

- App information
- Icons
 - See icon guidelines
- Screenshots and videos



Submitting the app

- Login type
- Price (IPN)
 - Perpetual
 - Subscription
 - Monthly
 - Annual
- Compatibility
 - Test, test, test!
- Categories
 - Suggest new categories, if needed

Following information applies to all OS/language version(s).

Login Type*

Login type for users to use your Web Services

No sign-in required

Sign in with Autodesk account

Sign in with your Web Services account

Price*

Product price, to be displayed on the product page.

Free

Trial

Paid

Subscription

Following information only applies to version(s) compatible with Windows.

Autodesk Product Compatibility*

Expand product families to view individual Autodesk products.
Select each product and version that is compatible with your app.

M&E (Select All)

Revit (Select All)

Alias (Select All)

AutoCAD (Select All)

Manufacturing (Select All)

Inventor (Select All)

Simulation (Select All)

Vault (Select All)

BIM360 (Select All)

BIM360 DOCS



BIM360 TEAM



AEC (Select All)

Autodesk App Store Categories*

Your App will appear in the following stores based on your compatibility selections.

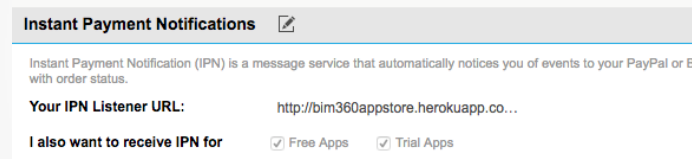
For each store, select no more than four categories that best match your App. You must select at least one category per store.


BIM 360	<input type="checkbox"/>	Architectural Design	<input type="checkbox"/>	Data visualization	<input type="checkbox"/>	Mechanical Design
	<input type="checkbox"/>	Building Performance Analysis	<input type="checkbox"/>	Electrical Design	<input type="checkbox"/>	Plumbing Design
	<input type="checkbox"/>	Construction	<input type="checkbox"/>	Integration	<input type="checkbox"/>	Scheduling & Productivity
	<input type="checkbox"/>	Data Extraction	<input type="checkbox"/>	Materials	<input type="checkbox"/>	Structural Design

IPN

Instant payment notification

- Implement POST endpoint on your app
- Register at your "Publisher Corner" page
 - Should handle all apps



Instant Payment Notifications 

Instant Payment Notification (IPN) is a message service that automatically notifies you of events to your PayPal or Bli with order status.

Your IPN Listener URL:

I also want to receive IPN for ☒ Free Apps ☒ Trial Apps

- Subscription
 - Recurrent IPN
- See complete documentation

```
{  
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  item_number:'6497910211923822799',  
  buyer_adsk_account:'name@email.com',  
  payment_gross:'0.00',  
  txn_type:'FREE',  
  appld:'6497910211923822799',  
  appLanguage:'en',  
  appOS:'Web'  
}
```



New releases?

- Webapp
 - No action on the app store, update app information (if needed)
- Desktop
 - Just submit new version
 - AppStore will handle deployment (via Autodesk App Manager)

What's next?

What's next on BIM 360 Docs

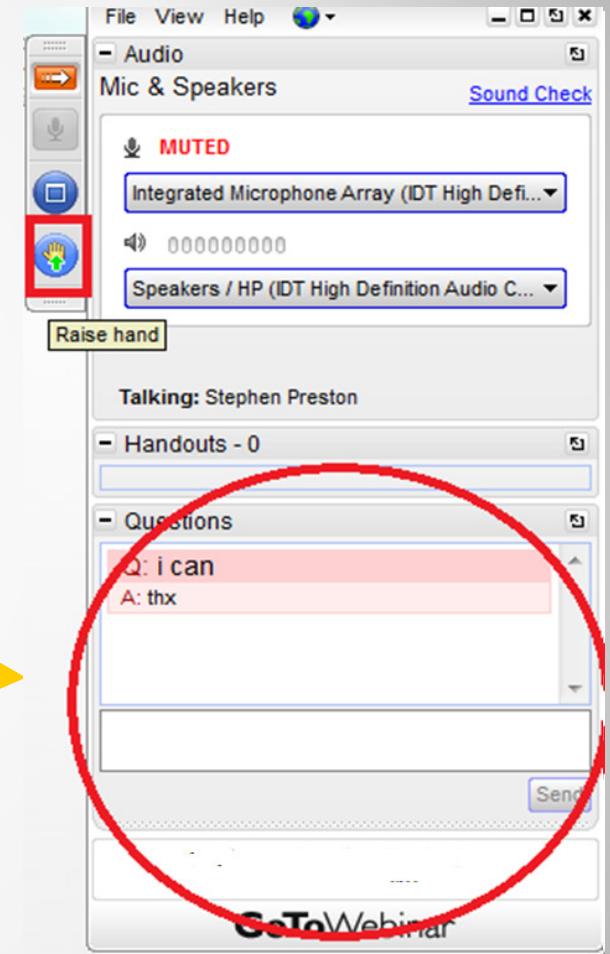
- Soon
 - In product app store
Account admin will enable/disable apps from inside BIM 360 Docs
Restricted to a Hub (Account ID)
- Later (*not this year*)
 - iFrame apps
Similar to Facebook games on iFrames
 - Tab apps
Your app will show as a tab

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or

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Thank you!

Happy programming!