

## Autodesk App Store: IPN notification format

Instant Payment Notification (IPN) is a message service that automatically notifies you about purchasing transactions related to your App. You can use it to automate back-office and administrative functions, such as automatically fulfilling orders and providing customers with order status or to send the serial number for activation, etc.

### How it works

You need to create an IPN listener web service and then specify the URL of the listener in your profile in the Autodesk App Store. The Autodesk App Store then sends notifications of all transaction-related events to your URL.



### IPN (Instant Payment Notification) specification for Paid Apps

Your web service endpoint should accept:

#### HTTP Headers

Method	POST
Data Format	x-www-form-urlencoded

#### Body Structure

Parameter Name	Type	Notes	Sample value
appId	Integer	App's Unique ID in the Autodesk App Store. <a href="#">See note (2)</a>	2024453975166401172
appLanguage	Text	Language of the it can be one of: cs, de, en, es, fr, hu, it, ja, ko, pl, pt, ru, zh-CN, zh-TW	en

appOS	Text	The operating selected for an app, it can be one of: Win32, Win64, Web, Mac, Win32_64, Linux	Win32_64
auth	Text		
business	Text		Mypaypalid@company.com
buyer_adsk_account	Text	Autodesk registered buyer's email address	useremail@company.com
charset	Text		windows-1252
custom	Integer		200703030249937
first_name	Text		UserFirstName
form_charset	Text		UTF-8
handling_amount	Double		0.00
item_name	Text	App name	MyAppNameInStore
item_number	Text	App's legacy ID in the Autodesk App Store for apps created before 20th March 2016, else it will be the same as appld parameter. <a href="#">See note (2)</a>	appstore.exchange.autodesk.com screenshot en
last_name	Text		Userlastname
mc_currency	Text		USD

mc_fee	Double		0.43
mc_gross	Double	Payment amount completed by the buyer.	5.50
notify_version	Double		3.8
payer_email	Text		<a href="mailto:name@company.com">name@company.com</a>
payer_id	Text		NEH6BJPL9LBYG
payer_status	Text		verified
payment_date	URL Encoded UTC Date		23%3A36%3A36+Jan+11%2C+2014+PST
payment_fee	Double		0.43
payment_gross	Double		5.50
payment_status	Text		Completed
payment_type	Text		instant
protection_eligibility	Text		Ineligible
quantity	Integer		1
receiver_email	Text		<a href="mailto:publihserPaypal@company.com">publihserPaypal@company.com</a>
receiver_id	Text		GDGRD3PAZBMD8
residence_country	Text		US
shipping	Double		0.00
tax	Double		0.50
transaction_subject	Integer		200703030249937
txn_id	Text		0AG18756HD086633A
txn_type	Text	Represents the kind of transaction for which the IPN message was sent. <a href="#">See notes (1)</a>	web_accept
verify_sign	Text		AFcWxV21C7fd0v3bYYRCpSSRI3

**Important notes:**

(1) Below are additional variables that are used for Instant Payment Notifications:

Variable	Value	Description
txn_type	"subscr_signup"	This Instant Payment Notification is for a subscription sign-up.

	"subscr_cancel"	This Instant Payment Notification is for a subscription cancellation.
	"subscr_payment"	This Instant Payment Notification is for a subscription payment.
	"web_accept"	This Instant Payment Notification is for a payment for paid App (Perpetual, not on subscription).
<b>subscr_id</b>	Transaction-specific	ID generated for the subscription.

(2) If this is your first time to set up IPN listener in AppStore, please parse the "appld" parameter to located your App. If you already have a running IPN which parse the item\_number to find your app, you can continue to use this, please notice the "item\_number" for apps created after 20th March 2016 will be the same as "appld" (eg: 2024453975166401172), which has no suffix for OS or Language.



### IPN (Instant Payment Notification) specification for Free/Trial Apps

Free and Trial apps must expose a similar endpoint for IPN, but the number of parameters is reduced.

For Trial apps the IPN is simplified with only: txn\_id, custom, payment\_status, item\_number, buyer\_adsk\_account, payment\_gross, txn\_type, appld, appLanguage, appOS. The **txn\_type** could be one of the following values "FREE", "Free30DayTrial" or "TRIAL" for Free/Trial IPN.

For Free Apps you can only get the ID of the App (unique id of the App in the Autodesk App Store) and the user who has downloaded the App.

### More information

The ADN team is here to help you be a successful publisher on the Autodesk App Store. We'll do whatever we can do to help you. You are welcome to email [appsubmissions@autodesk.com](mailto:appsubmissions@autodesk.com) if you have any further questions.