ShippyPro installation

This document explains the procedure for installation and setup of ShippyPro and PrintNode.

Install PrintNode

We recommend installing PrintNode first to have it ready for the ShippyPro setup. Installation and sign up can be skipped if you already have PrintNode installed and ready. Then you can skip to the Connect iPacky to PrintNode section. PrintNode is a software that allows printing to be done automatically in the background without user intervention. This software is necessary for our printing to work.

- Go to www.printnode.com
- Select Sign up and fill in the sign-up form and complete the process.
- On the front page of the PrintNode web page, select Download from the top menu, and download the PrintNode client for your system.
- The PrintNode client must be installed on all computers necessary to reach the printers you need access to. If they are network printers, you only need to install the client on one machine. You don't need to install the client on all computers, just the ones connected to the printers you need. The machine(s) with the PrintNode client must be turned on and logged into to be able to reach the printers. In the client you need to enter the login information you provided in sign up.
- In the PrintNode client setup, answer No to the question about running it as a Windows service since this causes issues with the printer settings.
- Log into the PrintNode web interface and check that all the printers you need are visible. This can be seen in Devices in the menu on the left.
- To connect iPacky and PrintNode you need to generate an API key. Select API keys in the top menu.
- If there are no current API keys, you need to generate one. Fill in any description and click on Create. The API key will now be listed.
- This API key will be used in the iPacky PrintNode connector.
- **PS: The free version of PrintNode has a limit of 50 prints a month. And a maximum of 1 client. This will cause issues even when testing if trying to test on more than one client. If testing on one client, PrintNode should be upgraded after testing has gone correctly to avoid issues later.**

Windows printer driver

Make sure that your label printer is set up with the correct paper size in the printer driver settings in Windows.

Instruction for setting up paper size on Mac

If you are using a Mac as a PrintNode client, please follow these steps to set the correct paper size. This applies for all printers, not just Zebra: https://www.printnode.com/en/docs/remote-printing-to-a-zebra-printer/osx

Connect iPacky to PrintNode

Log into the iPacky Dashboard. This user must have administrator role in iPacky.

- Expand Connectors in the left side menu in the iPacky Dashboard
- Select Manage
- Select PrintNode in the Available connectors drop-down and click Add. PrintNode will now be listed under Installed connectors
- Click Save
- In the left side menu, expand Connectors, and select newly added PrintNode
- Copy the API key from the PrintNode web interface created earlier, and paste it into the API key field in iPacky
- Click Save
- Refresh the screen or enter this screen again. The available printers should now be listed under the Label printer and Normal printer drop-down
- Select the printer you want to use for printing shipping labels in the Label printer drop-down. Also check the Scale to fit label. This ensures that the label will be scaled to fit the label in the printer
- Click Save

The PrintNode setup is now complete.

Connect iPacky to ShippyPro

ShippyPro setup

ShippyPro must be set up with carriers and contracts. It's important that ShippyPro by itself works before connecting iPacky to it.

iPacky setup

Log into the iPacky Dashboard. This user must have administrator role in iPacky.

- Expand Connectors in the left side menu in the iPacky Dashboard
- Select Manage
- Select ShippyPro in the Available connectors drop-down and click Add
- Click Save
- Go to Tools->Boxes in the side menu. Add at least one box. Select one to be the default. You can also add more shipping boxes later
- In the left side menu, expand Connectors, and select the newly added ShippyPro
- Enter your ShippyPro API key. The API key from the ShippyPro web interface. Settings→Integrations→API
- Click Save
- Refresh the screen. If the ShippyPro credentials were correct, it should show a green light on connection status

Other ShippyPro settings

Setting	Description
Unit	The weight unit you want to be used in the shipping dialog
Default country of origin	The two letter country code, for example US. This is used when the product in Shopify does not have country code of origin
Default customs code	The default HS code to be used when the product in Shopify does not have Harmonized System (HS) code
Default HTSUS	The default US customs HS code to be used when the this is not registered on the product when sending to the US
Default item weight (KG)	The product weight that will be used if the product weight in Shopify is 0.
Sender address	Fill in the sender address to use
Shipping rules	Here you can specify rules for selecting carrier/service based on rules. This can still be overridden in the shipping dialog. So, this will be the initial one. This is very time saving so that you don't have to change the carrier/service all the time in the shipping dialog. For example, you can set that if the shipping text (method) is "International express", then DHL Express will be set as the initial one. You can move the rules up and down. The comparison will start at the top of the rules

Fulfillment rules

These settings will depend on whether you want all orders to ShippyPro or not. It can for example depend on local pickups. If this example, we have set as a prerequisite that all will be sent to ShippyPro. If there are any issues with ShippyPro and iPacky, these rules can quickly be deleted, and everything will work as before.

- Select Tools->Fulfillment rules in the left side menu in the iPacky Dashboard
- Click *Add rule*
- In Shipment text, write: *
- Set Fulfill to Fulfill
- If you want Shopify to send out the fulfillment notification select Notifiction
- In Label drop-down, select ShippyPro
- Click + on left side
- Click Save

iPacky, ShippyPro, and PrintNode is now set up and connected!