Starshipit installation

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

Install PrintNode

We recommend installing PrintNode first to have it ready for the Starshipit 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
- The Normal printer is used mainly for customs document since they usually are in a A4/letter format. It will also be used for packing slips if using PrintNode to print them.
- Click Save

The PrintNode setup is now complete.

Connect iPacky to Starshipit

Starshipit setup

Starshipit must be set up with carriers and rules. It's important that Starshipit by itself works before connecting iPacky to it. Also contact Starshipit support and get an API rate limit of 10 calls per second.

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 Starshipit in the Available connectors drop-down and click Add
- Click Save
- Go to Boxes in the side menu. Add one box to be used as default. You can also add more shipping boxes later
- In the left side menu, expand Connectors, and select the newly added Starshipit
- Copy the API key and Subscription key from the Starshipit web interface->Settings-> API
- Make sure that the Unit in iPacky matches the Starshipit web interface->Settings->Options->Import weight unit
- If you want no dialog with Starshipit shipping option popping up at the end of the order check, you can leave the Show dialog off. It will be possible anyways on individual orders to select this in Actions on the scan screen
- Set the default box (if you have created one)
- Click Save
- Refresh the screen

Fulfillment rules

These settings will depend on whether you want all orders to Starshipit 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 Starshipit. If any issues with Starshipit and iPacky, these rules can quickly be deleted, and everything will work as before.

- Select Fulfillment rules in the left side menu in the iPacky Dashboard
- In Shipment text, write: *
- Depending on the track & trace setting you set in the Starshipit dashboard, check or uncheck Notify. If checked, then Shopify will send out track&trace. Usually you want Starshipit to do this.
- Check Fulfill
- In Label drop-down, select Starshipit
- Click + on left side
- Click Save

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