

Setting up new printer

To **setup** a new printer, the **ERP Printer application** is **required**. For **first-time setup**, you will have to **contact Web team for** assistance with acquiring **ERP Printer application** and setting up of the application ERP authentication.

The first thing to do is to create a new printer entry in the "[printers](#)" table create form..

Once the **ERP** Printer application is acquired and **authentication setup is finished**, setting up new printers can **skip this step**.

Connect the printer to the computer, where it will be located and perform the printers setup, including installing correct drivers...

The printer's computer will need (at least) Python 3 installed for the ERP Printer application to work.

- Locate the "**ERP Printer**" application folder and open it. There should be the 3 files in directory:
 - A "**main**" software file
 - A PDFtoPrinter program
 - The environment file. If it does not exist, create a new file named, "**.env**"

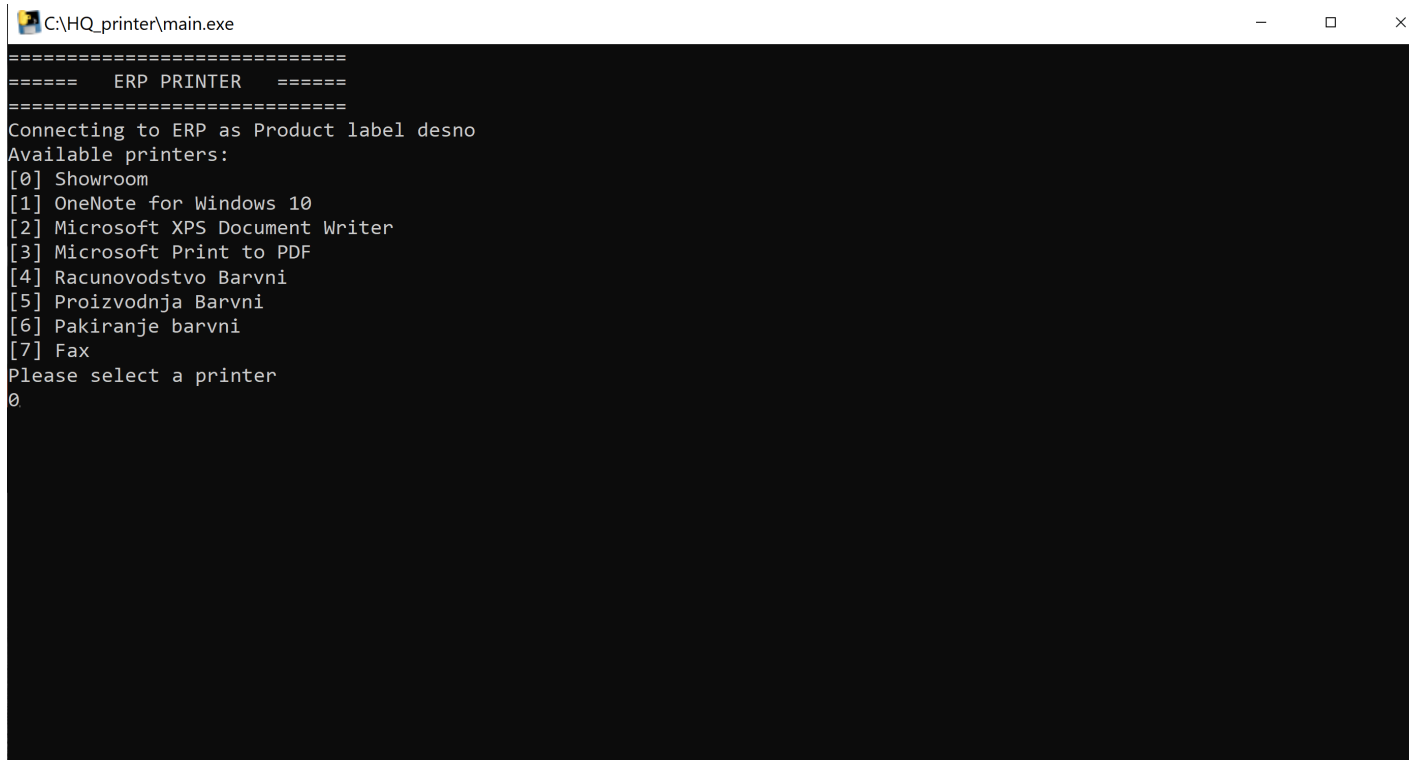


Open the environment file and copy into it the generated "**secret**" of the new printer, which was created earlier. The contents of the file should be:

```
ERP_PRINTER_SECRET=your-new-printer-secret-goes-here
```

After the environment file has been created/updated, start the "**main**" printer software.

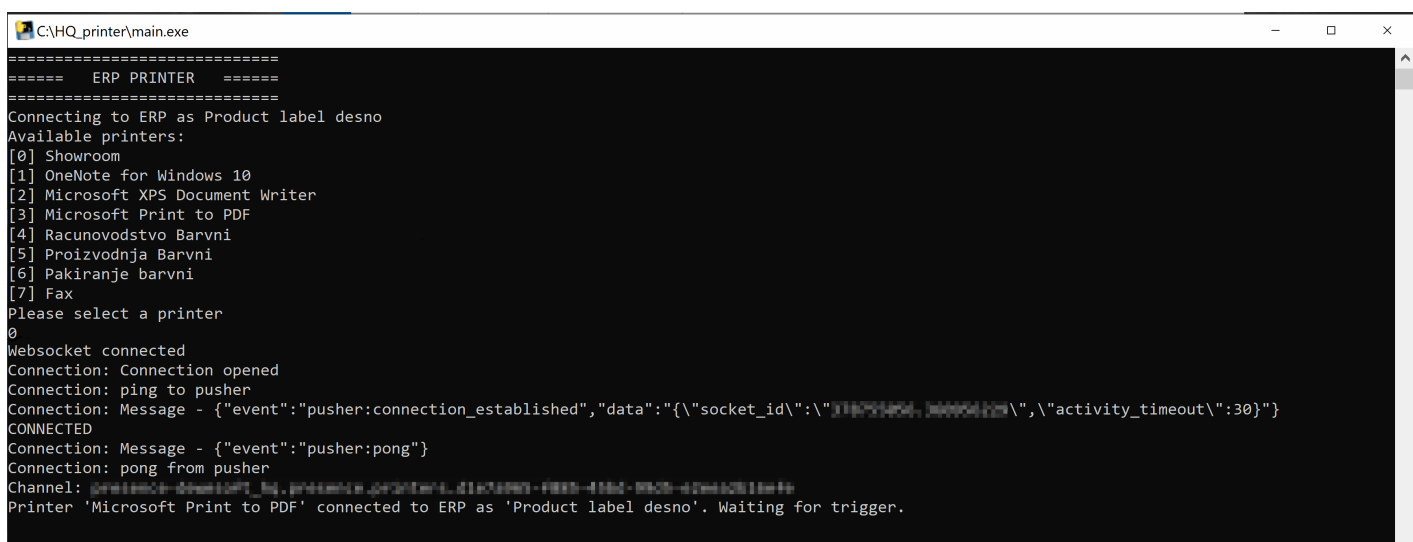
After the command line window opens, a list of available registered printers will be show.



```
C:\Hq_printer\main.exe
=====
=====  ERP PRINTER  =====
=====
Connecting to ERP as Product label desno
Available printers:
[0] Showroom
[1] OneNote for Windows 10
[2] Microsoft XPS Document Writer
[3] Microsoft Print to PDF
[4] Racunovodstvo Barvni
[5] Proizvodnja Barvni
[6] Pakiranje barvni
[7] Fax
Please select a printer
0
```

Make sure that your new printer is listed, otherwise troubleshooting of drivers will be required.

Once you find your printer on the list, enter its corresponding number (e.g. **0**) when prompted. This will select the printer (e.g. Showroom) and connect to it. A successful connection attempt will generate a **"Websocket connected"** response, like on the image below.



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Connecting to ERP as Product label desno
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[1] OneNote for Windows 10
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[5] Proizvodnja Barvni
[6] Pakiranje barvni
[7] Fax
Please select a printer
0
0
Websocket connected
Connection: Connection opened
Connection: ping to pusher
Connection: Message - {"event":"pusher:connection_established","data":{"socket_id":"11111111111111111111111111111111","activity_timeout":30}}
CONNECTED
Connection: Message - {"event":"pusher:pong"}
Connection: pong from pusher
Channel: printer-erp-main.exe_printer-erp-main.exe_printer-erp-main.exe_printer-erp-main.exe_printer-erp-main.exe
Printer 'Microsoft Print to PDF' connected to ERP as 'Product label desno'. Waiting for trigger.
```

When the **printer - ERP** connection is established, the printer's use can be defined in the options table, in the **"printer_buttons"** option. Configure the new printer (for labels or normal prints) in the **"data"** field.

```
{
  "printProductLabel": {
    "title": "Printer desno",
    "layout": "no-margin-label-printer",
    "template": "label",
    "printer_id": 1,
    "background-color": "#FFFF00"
  }
}
```

You can edit the environment file so that the **"Available printers"** selection gets skipped and a select printer is chosen automatically. to do this, add the following line into the environment file and save it.

```
PRINTER_NAME="printer name"
```

If restarted, the main program should now automatically select the pre-configured printer and attempt connection to the ERP.

Revision #6

Created 2026-08-20 10:19:44 UTC by Nejc

Updated 2026-08-20 12:25:22 UTC by Nejc