



printix

Getting Started

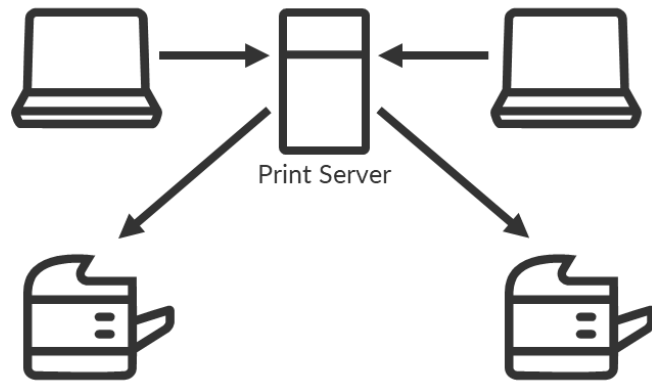
Cloud Print Migration

Step-by-Step Deployment Guide

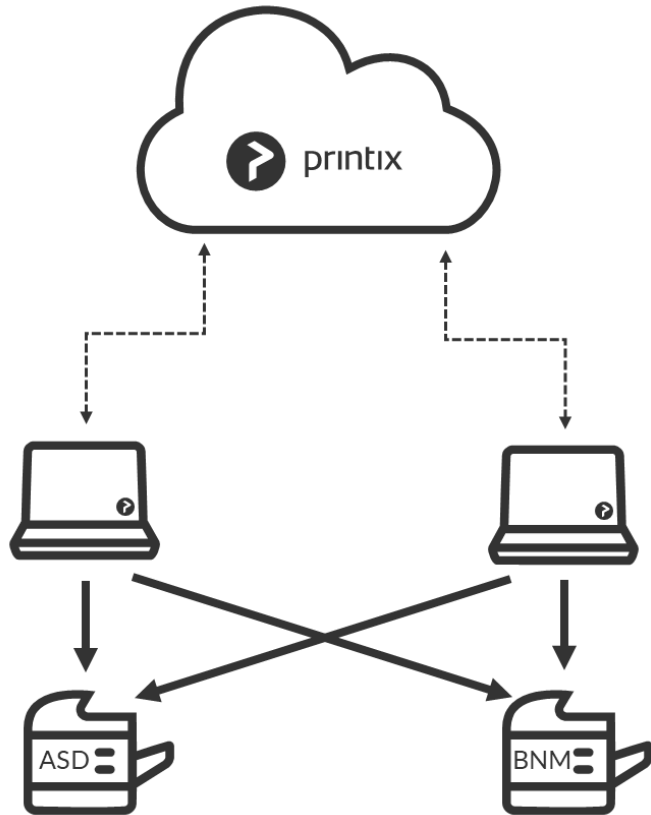


On-premise print server

- Print via shared print queues
- Print drivers distributed from server
- Manual maintenance and updates
- Single point of failure



Cloud-based print setup



- Print as usual, now via local print queues
- Print queues, drivers and configuration, now managed from Printix Cloud
- Removes single point of failure

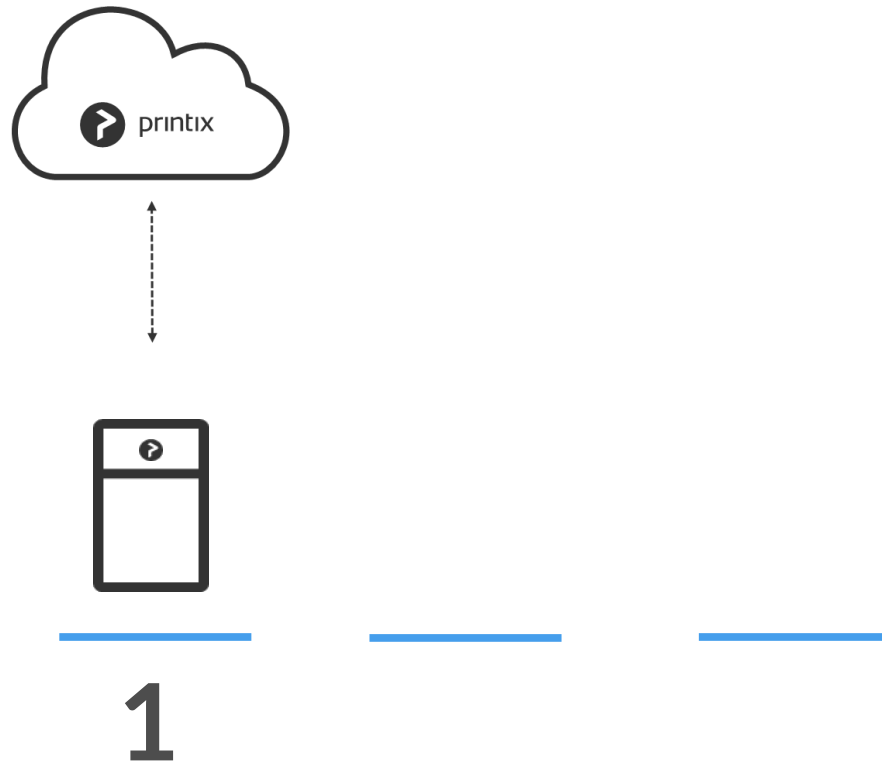
Steps to Remove Print Servers

1

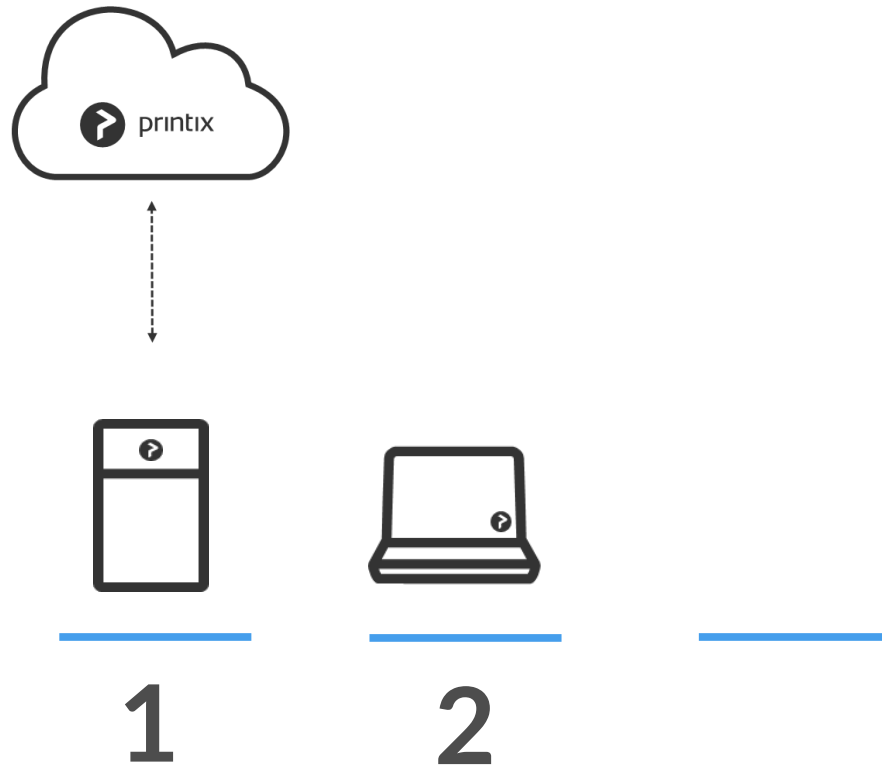
2

3

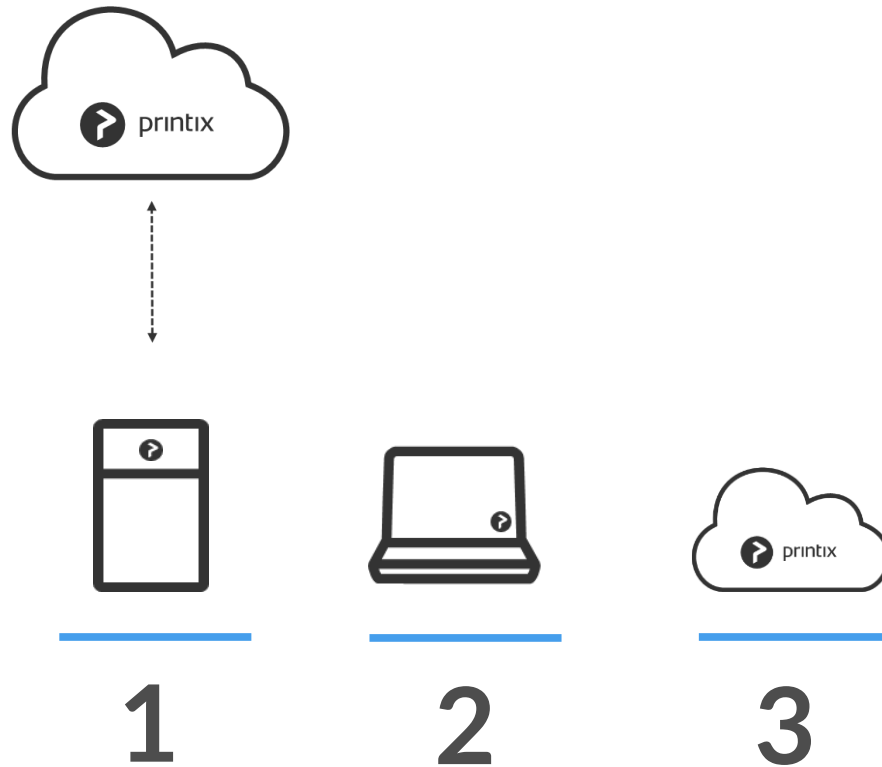
Install Printix Client on the Print Server



Deploy Printix Client on all computers



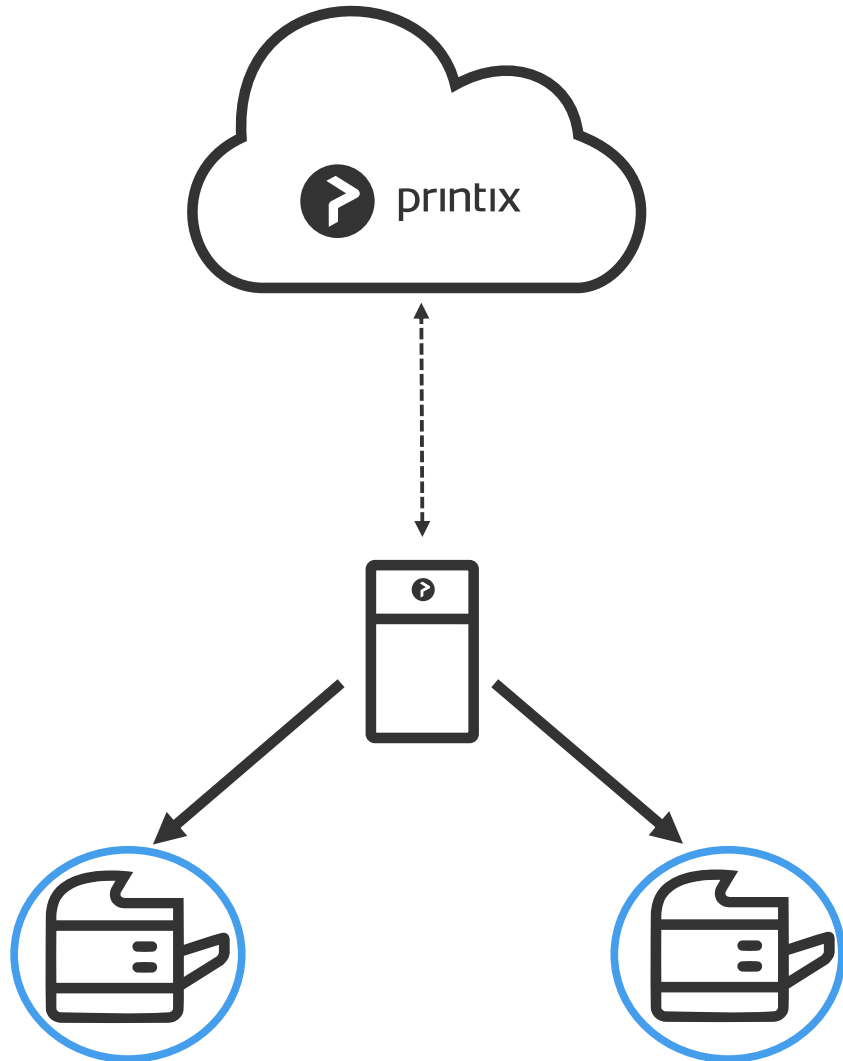
Remove Print Server



Step-by-Step Deployment Guide

Build, Deploy and Manage
a cloud-based print environment

Install Printix Client on the Print Server



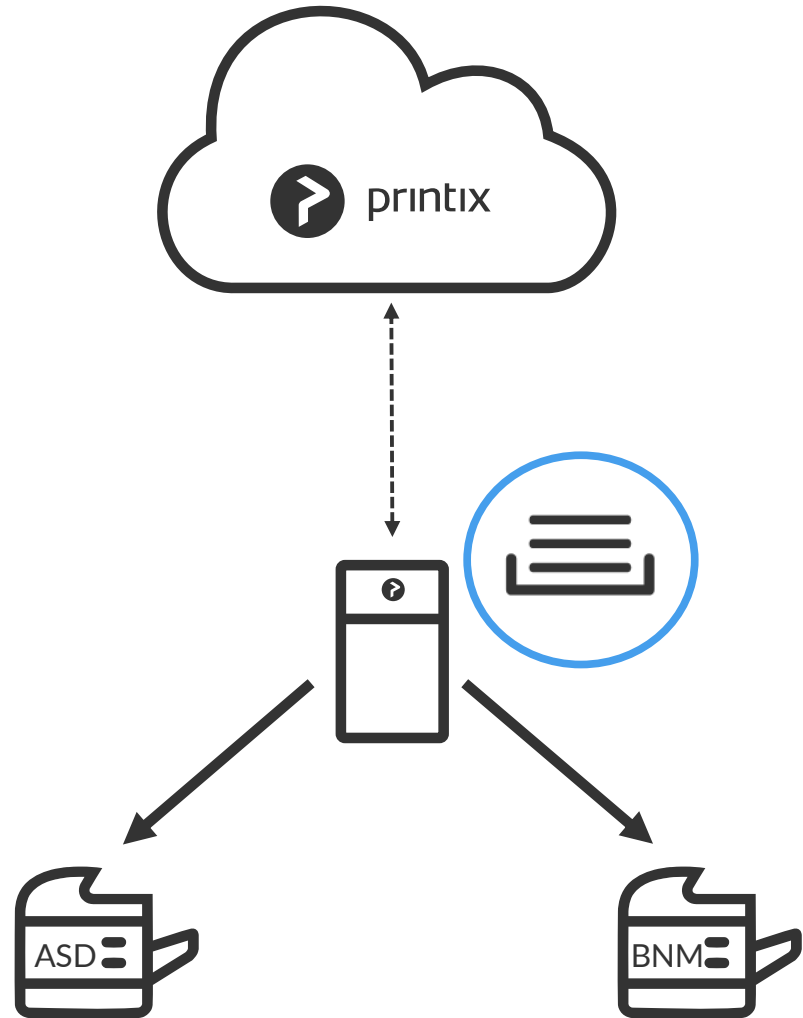
Printers are discovered
and registered in the Printix Cloud



The screenshot shows the Printix web interface. At the top, there's a header with the Printix logo and navigation icons. Below the header, the word 'Printers' is displayed. To the right of 'Printers' are two buttons: 'Discover printers' and 'Add printer'. Below these buttons is a search bar with the placeholder text 'Search for printer'. The main content area is a table with the following columns: ID, Printer name, Queues, Status, Network, Address, Geo, and Location. The table contains four rows of printer data. The second row, 'ASD Reception', is highlighted in blue. At the bottom right of the interface is a green 'Modify' button.

ID	Printer name	Queues	Status	Network	Address	Geo	Location
<input type="checkbox"/>	Printix Anywhere	1	Online				
<input checked="" type="checkbox"/>	ASD Reception	2	Online	Network1	192.168.1.194		Head Office, Reception
<input type="checkbox"/>	BNM Sales	2	Online	Network1	192.168.1.140		Head Office, Room 203
<input type="checkbox"/>	CVB Warehouse	1	Offline	Network2	192.168.0.101		Warehouse, Dock 3

Install Printix Client on the Print Server



Print queues are discovered
and registered in the Printix Cloud



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Print queue properties
ASD - Reception

Setup Groups Drivers

NAME

Print queue name
Reception

Printer name
Reception

Model
HP Officejet Color X555

SETTINGS

☒ Activate print queue

☒ Add print queue automatically

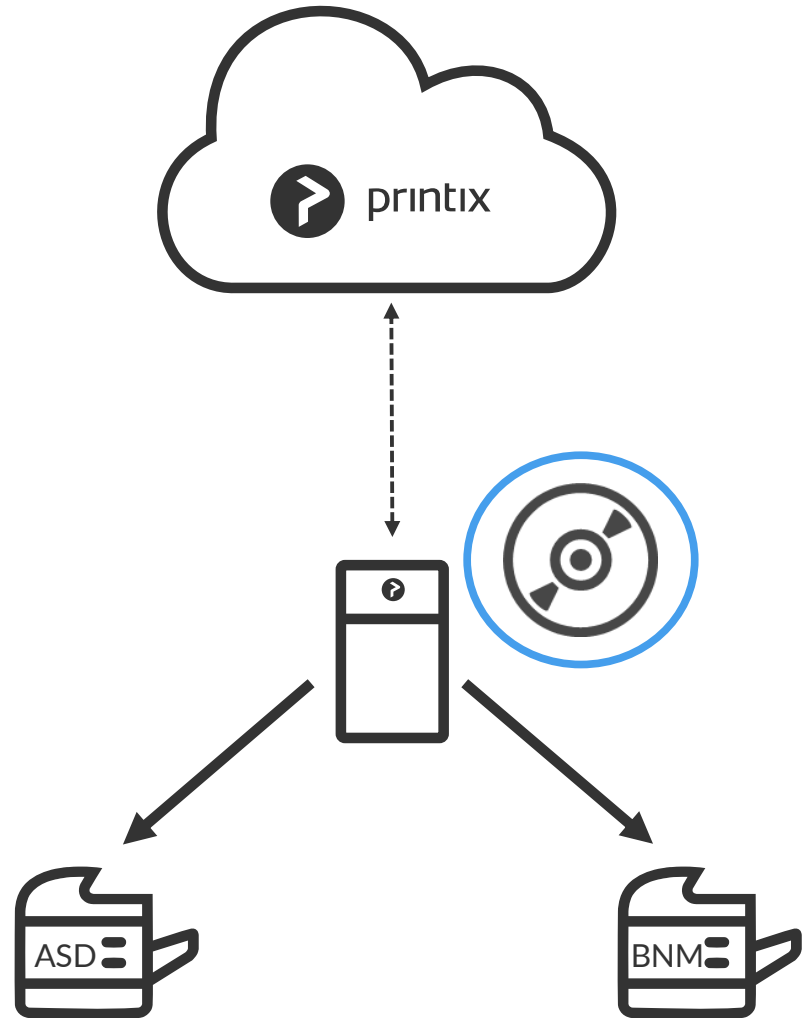
☐ Enable printing via the cloud

OPTIONS

☒ Print 2-sided by default

☒ Print in black by default

Install Printix Client on the Print Server



Print drivers are registered for each print queue on the print server

Unique signed print drivers uploaded to your Printix library



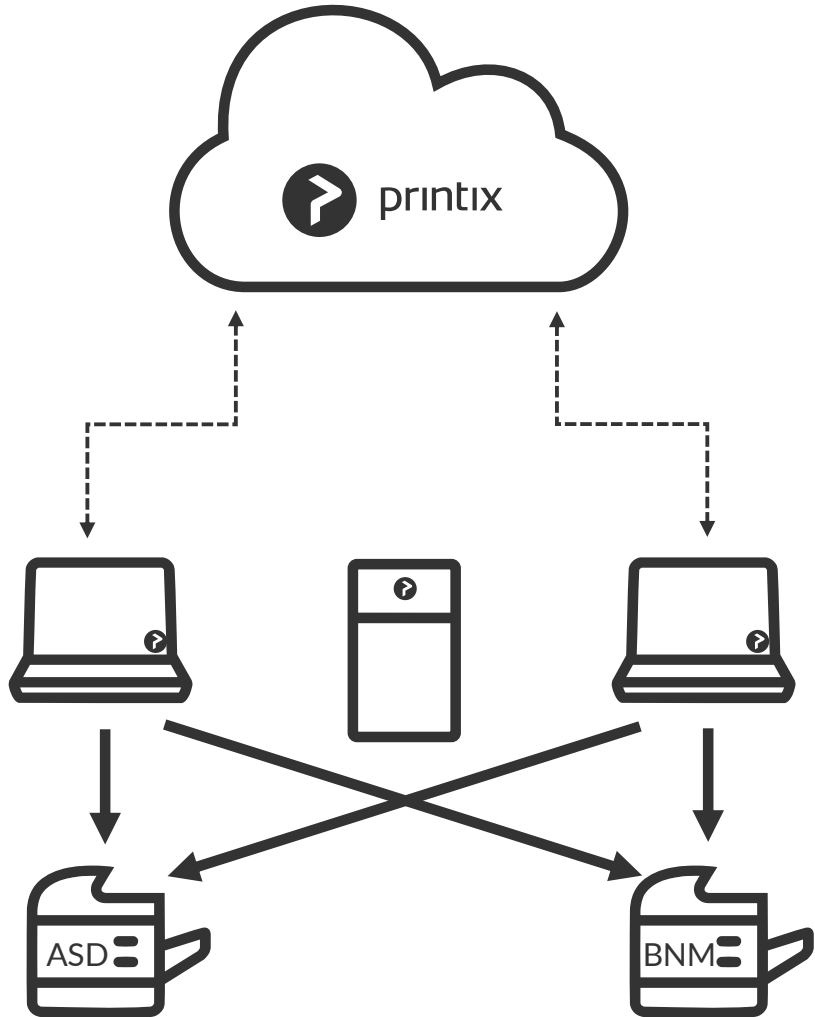
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Print queue properties
ASD - Reception

Setup Groups Drivers

System	Print driver	Configuration
Windows 10 x64	HP Universal Printing PCL 6	Reception
Windows 10 x32	HP Officejet Color X555 PCL 6	Default
Windows 8.1 x64	HP Officejet Color X555 PCL 6	Default
Windows 8.1 x32	HP Universal Printing PCL 5	Default

Deploy Printix Client to computers



Local print queues that point to registered printers are now managed by Printix



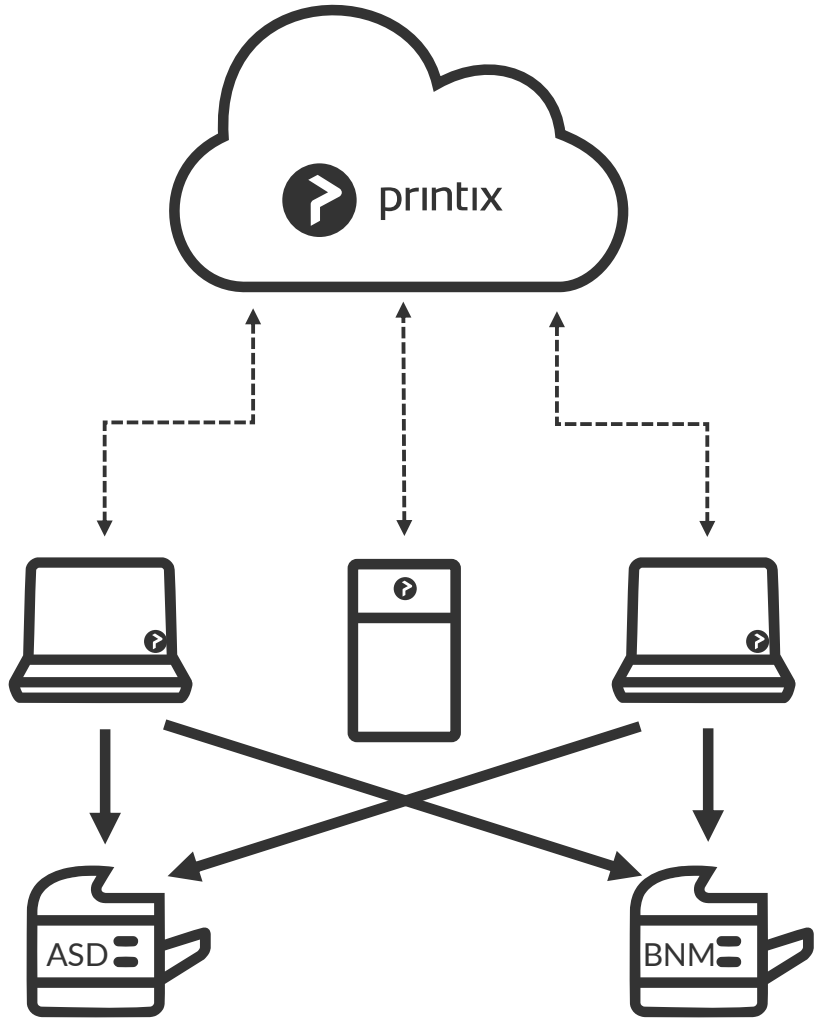
If local print queues differ from the server defined then:

Local print queues and **local print drivers** are registered for each local print queue on the computers



Unique signed print drivers uploaded to your Printix library

Remove Print Server



Before removing the print server verify that

- shared printers can be paused
- server does not have additional roles

Decommission the print server

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Computers

Search by hostname and network

<input type="checkbox"/>	Hostname	Network ↓	Type	System	Version	
<input type="checkbox"/>	WIN2016	Network1	Server	Windows 2016 x64	1.2.52.0	⋮
<input type="checkbox"/>	MAC	Network2	Desktop	OS X 10.12	1.2.51.0	⋮
<input type="checkbox"/>	COMPIX	Unknown	Laptop	Windows 10 x64	1.2.52.0	⋮

How to deploy Printix Client with Intune (or other MDM management tools)

To automate the distribution of Printix Client software and standardize all computers making it easier for employees to get work done.

Central management of the software distribution in your organization allows you to monitor the distribution process from beginning to end.

Automatically deploy Printix Client

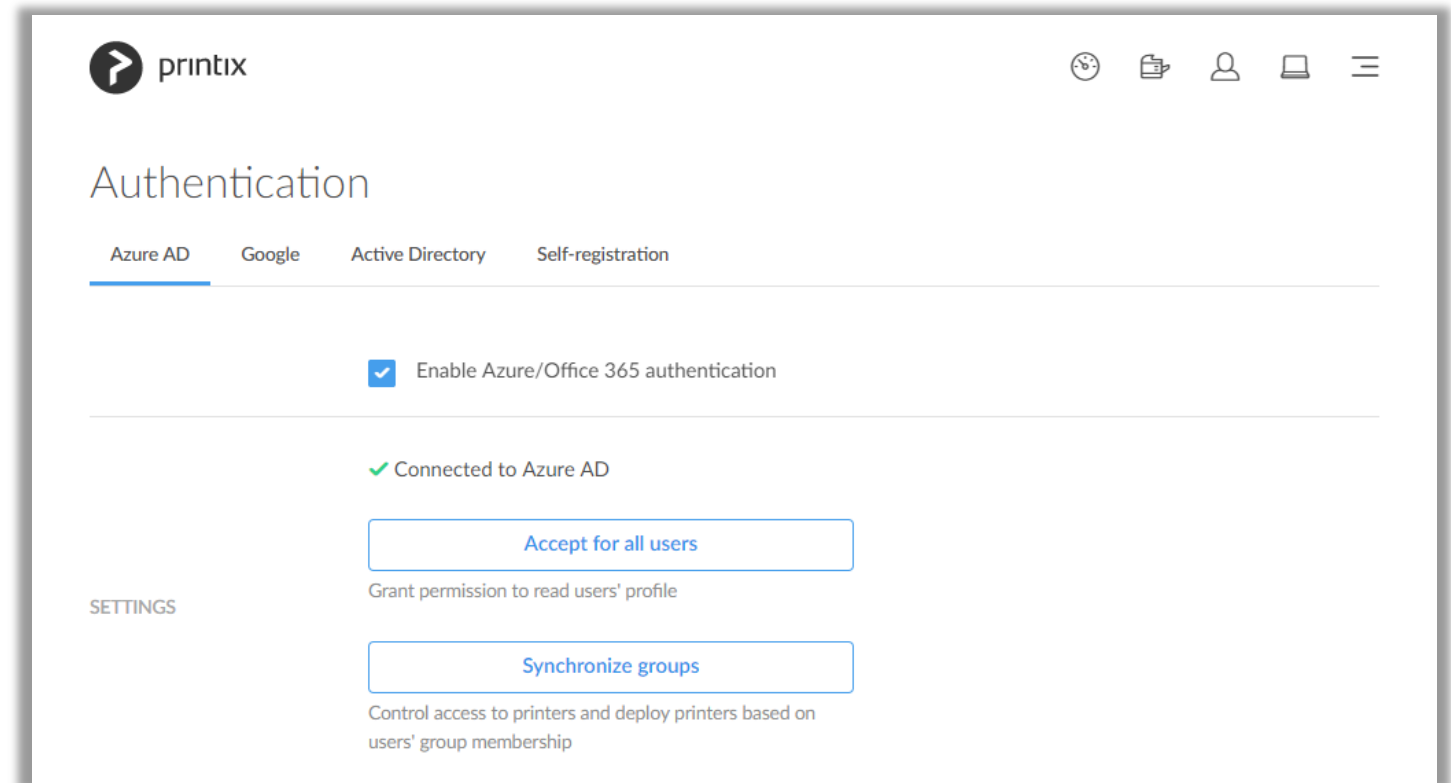


Sign in to Printix Client is automatic on Azure AD
domain joined Windows 10 computers

Enable Azure/Office 365 Authentication

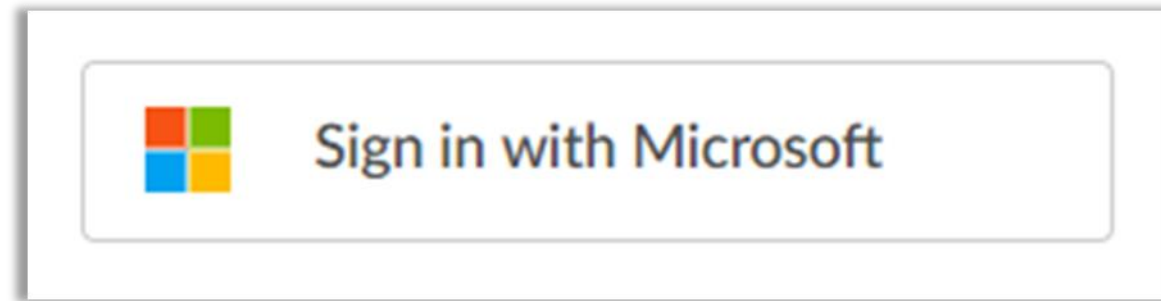
Enable Azure/Office 365 to allow users to sign in with their Microsoft work or school account and get federated Single Sign-On (SSO) to Printix.

You just need a user account in Azure AD to configure Azure AD integration.



SSO with Microsoft

From now on the Sign in page will show



Methods to publish Printix Client via Microsoft Intune

- **Intune on Azure**

Uses the modern Mobile Device Management (MDM) capabilities built-in to Windows 10.

- **Windows Installer through MDM (classic console)**

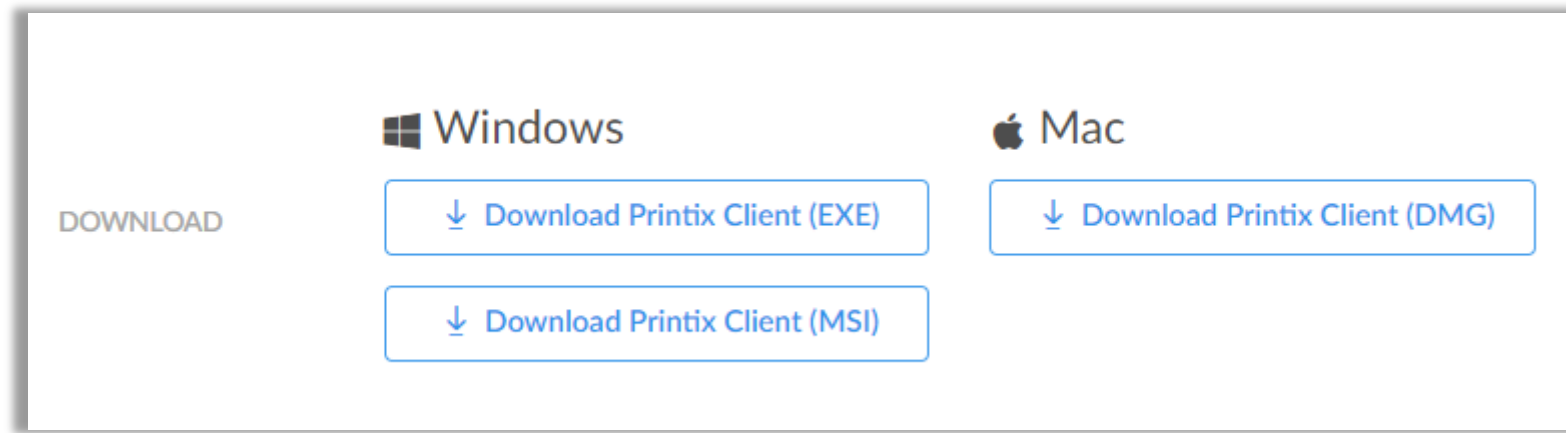
Uses the modern Mobile Device Management (MDM) capabilities built-in to Windows 10.

- **Windows Installer**

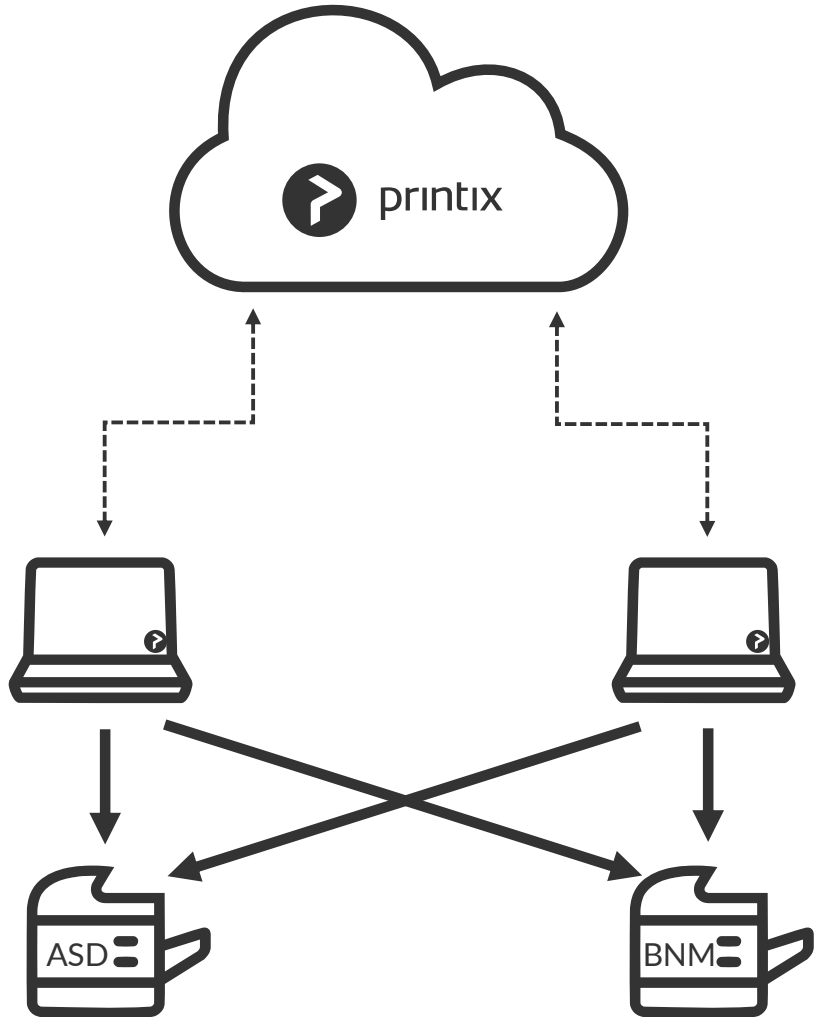
The Intune client software must be installed on the computer. Works with Windows 10, 8.1, 8 and 7. In case you have not completely moved to Windows 10, this is the method you should use.

Methods to publish Printix Client via Microsoft Intune

The Printix Client Microsoft Installer (MSI) package is available in the Download section at the bottom of the Settings page



Impacts



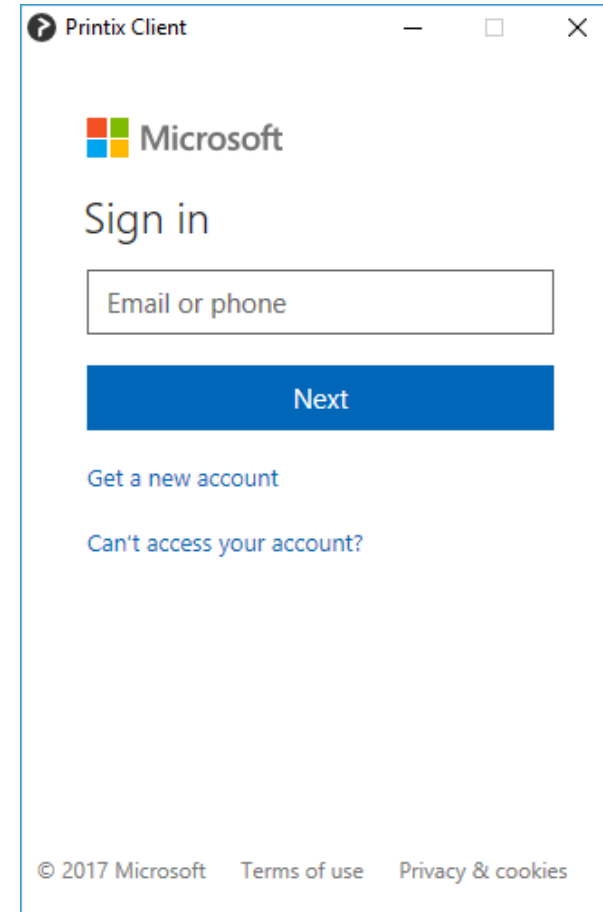
- Removes print server
- No single point of failure
- Centralized print queue management
- Self service printer installation
- Save on infrastructure and support costs
- Eliminate WAN traffic related to print jobs
- Track user and usage statistics
- Track printer statistics
- Flexible and secure printing (Anywhere, Print later and Reprint)
- Unlimited scaling at no extra cost



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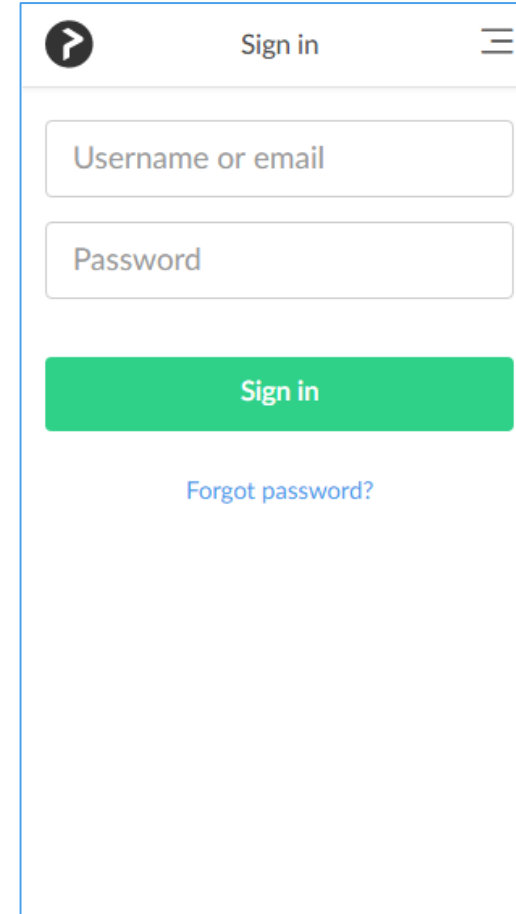
User Experience: Sign in (Azure AD)

- Sign in to Printix Client is **automatic** on Azure AD domain joined Windows 10 computers.
- Otherwise the user is required to manually sign the first time with their Microsoft work account.



User Experience: Sign in (Active Directory)

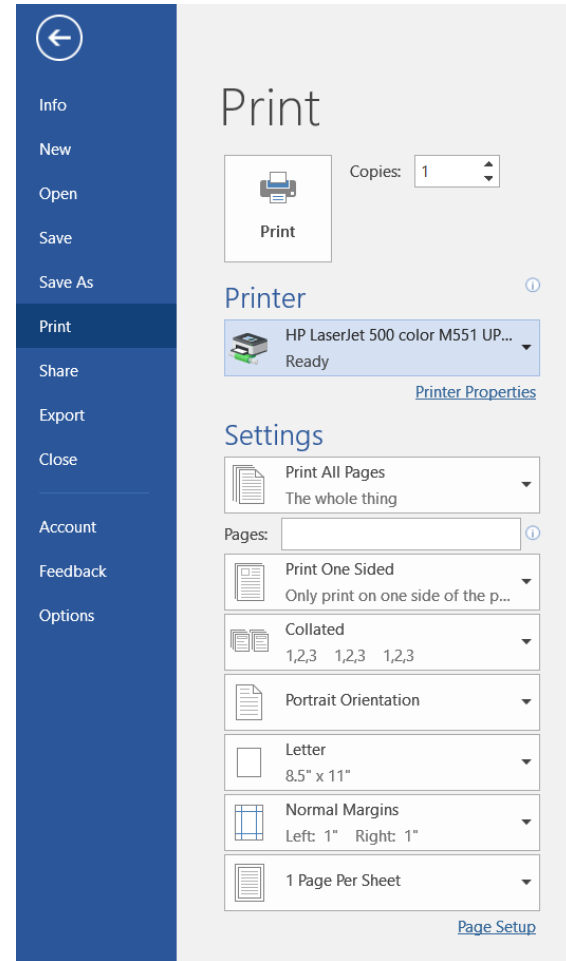
- If local Active Directory is used, a computer must be online on the network (and act as proxy), otherwise the on premise Active Directory server can not be contacted for authentication.
- The user is required to sign in the first time with their network **Username** and **Password**.
- Automatic registration of the user happens the first time the user signs in.

A mobile application interface for signing in. At the top, there is a navigation bar with a back arrow icon on the left, the text "Sign in" in the center, and a hamburger menu icon on the right. Below the navigation bar, there are two input fields: the first is labeled "Username or email" and the second is labeled "Password". Below these fields is a large green button with the text "Sign in" in white. At the bottom of the form, there is a link that says "Forgot password?" in blue text.

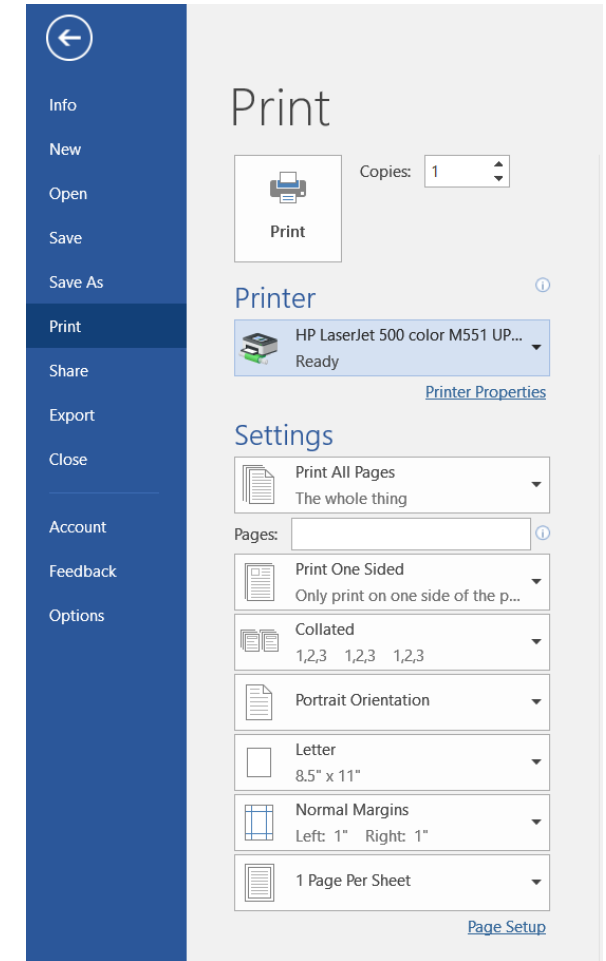
User Experience: Printing

- Users continue printing as usual

Before

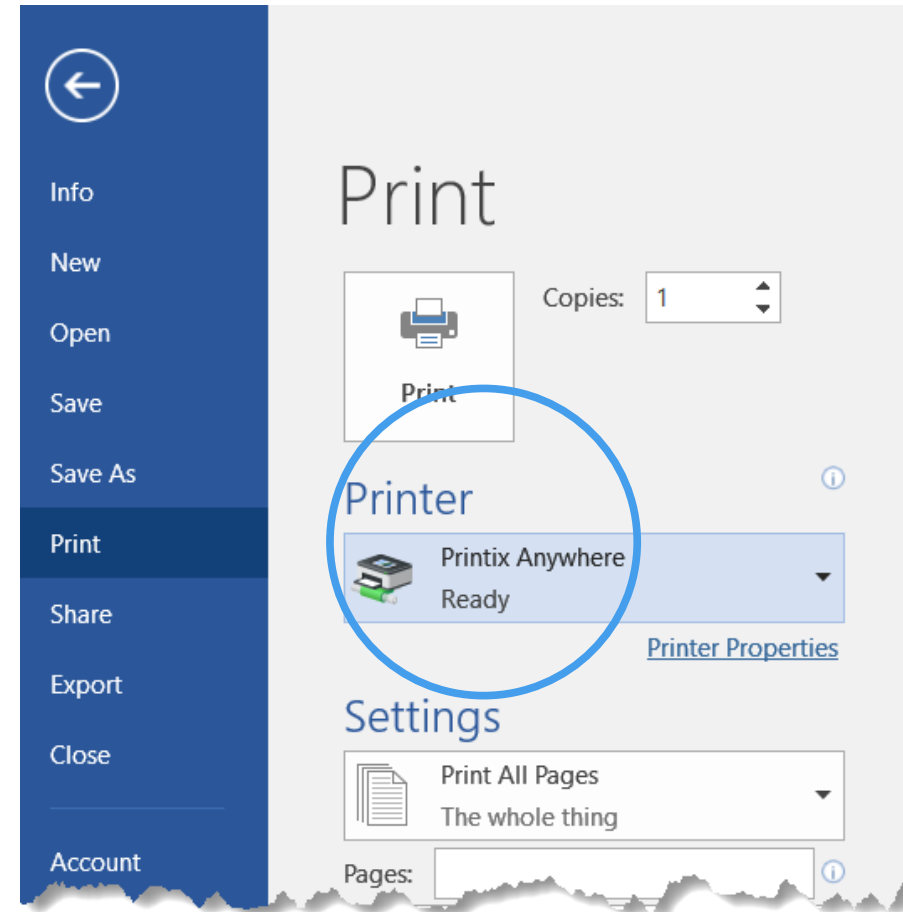


After



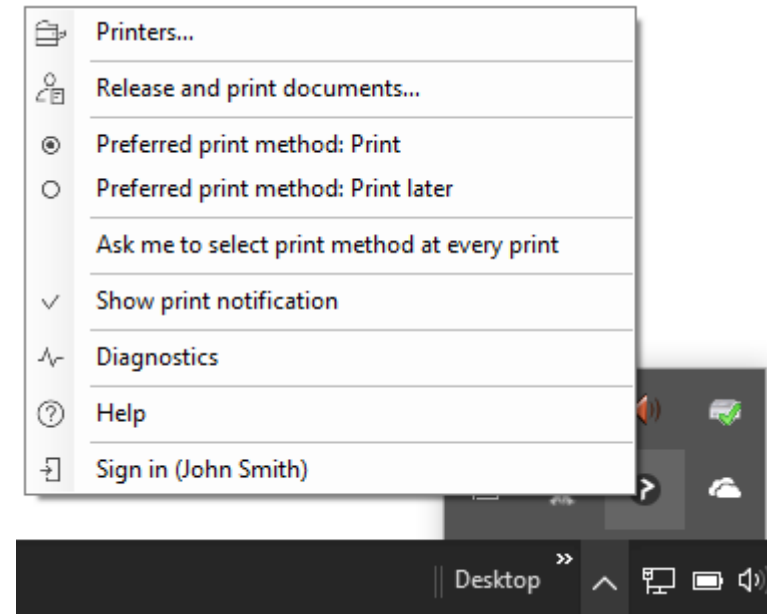
User Experience: Printing

- The Printix Anywhere printer can optionally be added as a **print queue** on your computer.
- Use Printix Anywhere printer for convenient or secure print via your laptop, tablet or smartphone.



User Experience: Printing

- Printix Client icon appears in the Windows notification area.
- **Release and print documents ...** introduces convenient release of Print later or Print Anywhere jobs at a specific or any printer

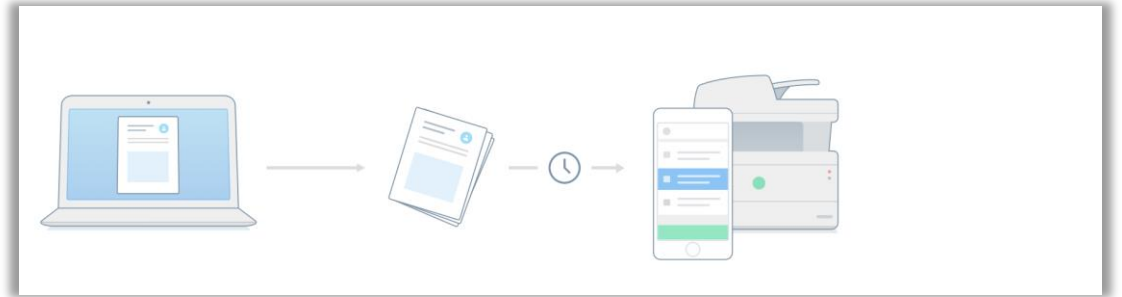


User Experience: Printing

When you **Print later** or print to the **Printix Anywhere** printer you can release documents from your smartphone, tablet or computer.

Print later

Stores a print job until you release it to a specific printer.



Print Anywhere

Stores a print job until you release it at any printer.



User Experience: Printing

- Scan the QR-code to secure release printed documents via the Printix web app.
- To make printer identification and search easier, print queue names may include ASD, BNM, ...



Printer id sign mounted on printer



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