ePRINTit™

SECURE CLOUD PRINTING

Intelligent by Design
Mobile and Remote
Printing/Scanning/Copying

MODERN IT PRINTING

By ePRINTit™ | Mar 2025

ISO 27001 CERTIFIED by PRESCIENT SECURITY
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Introduction

This document outlines the unique selling points (USPs) of ePRINTit SaaS, a cloud-based print solution. It highlights the problems with current on-premises solutions and explains how ePRINTit addresses these issues.

Market Overview

Most print solution vendors, resellers, and even printer OEMs often encourage customers to implement on-premises solutions. At face value, this seems innocent enough, but it can introduce excessive management, infrastructure costs, and overheads, as well as major security risks.

The global managed print services (MPS) market was valued at approximately USD 40.54 billion in 2024 and is expected to reach USD 53.37 billion by 2033, growing at a compound annual growth rate (CAGR) of about 3.1%[1]. This growth is driven by the increasing need for cost reduction, better resource management, and environmental sustainability.

Problems with Current Solutions

We are told by Microsoft™ and other leading IT companies that the days of allowing IP connections from servers and/or user PCs directly to printers are a massive no-go in the modern IT environment. There are too many cataloged instances where this is proven to be bad practice in the modern IT landscape. A printer device is one of the most vulnerable entry points into a network, and exposing this risk with direct IP connections to PCs and services creates an easy route to exploit. In what other area of our architectures do we allow such massive addressing so openly?

So, why does everyone keep offering these methods and solutions? Because they don't have any other way in their portfolio and/or it's simply what they have always done. From a customer side of things, they trust that for something related to print, surely the printer manufacturer should know best. You would hope so, but look at the drive for the engagement: it's not the software that keeps the factories busy; it's the hardware. The hardware is where they make their money, not the software. This is why printer OEMs go into a customer opportunity with a handful of solutions to see what sticks; they don't actually mind what the customer chooses as long as they get the hardware contract.

Challenges with On-Premises Solutions:

Management Complexity: On-premises solutions require significant IT resources to manage and maintain the infrastructure, including print servers and delivery stations. This can lead to increased operational complexity and higher costs.

Infrastructure Costs: Implementing and maintaining on-premises print solutions involves substantial capital expenditure on hardware, software, and ongoing maintenance.

Security Risks: Security Risks: On-premises solutions can create vulnerabilities in a zero-trust environment, as they often rely on internal networks and servers that can be targeted by cyberattacks. In fact, 67% of organizations have experienced data losses due to unsecure printing practices[2]. The average cost of a print-related data breach is over $700,000 for US organizations[3]

1. Business Research Insights – Managed Print Services Market 2024
2. The Print Security Landscape, 2023
3. The State of Print Security Statistics and Trends by OfficeDasher

ePRINTit SaaS Solution

What's the big attraction for customers to look at ePRINTit? Well, ePRINTit isn't about hardware; it's about the user. What is their user environment that they use every day? Is it a Chromebook, a MacBook, or a Windows device? Do they use tablets and mobile devices? And do they want the flexibility to access technology without having to always be on campus, just like they don't have to be with Microsoft Apps? All these pave the way for the right printing technology, not what printer OEM you want to buy hardware from.

Let's then look at the impact ePRINTit can have on support and cost of running it. ePRINTit doesn't need on-premises architecture or staff efforts and time to manage it. It doesn't need print servers and client PCs to connect directly with IP addresses to printers or print servers. It doesn't need any inbound security rules or exceptions for punching holes in firewalls. It allows you to secure the entire print environment in its own segregated LAN with only internet and power and no direct IP connection in sight.

Don't chance security by letting hardware dictate that you should be using an archaic practice; it's 2025 where cloud IT rules and cyber threats are a very real thing!

The diagram below shows some of the weak points in print solutions where customers are left vulnerable behind hidden agents and internal or dedicated cloud servers playing a role behind a firewall, but completely vulnerable inside the network.
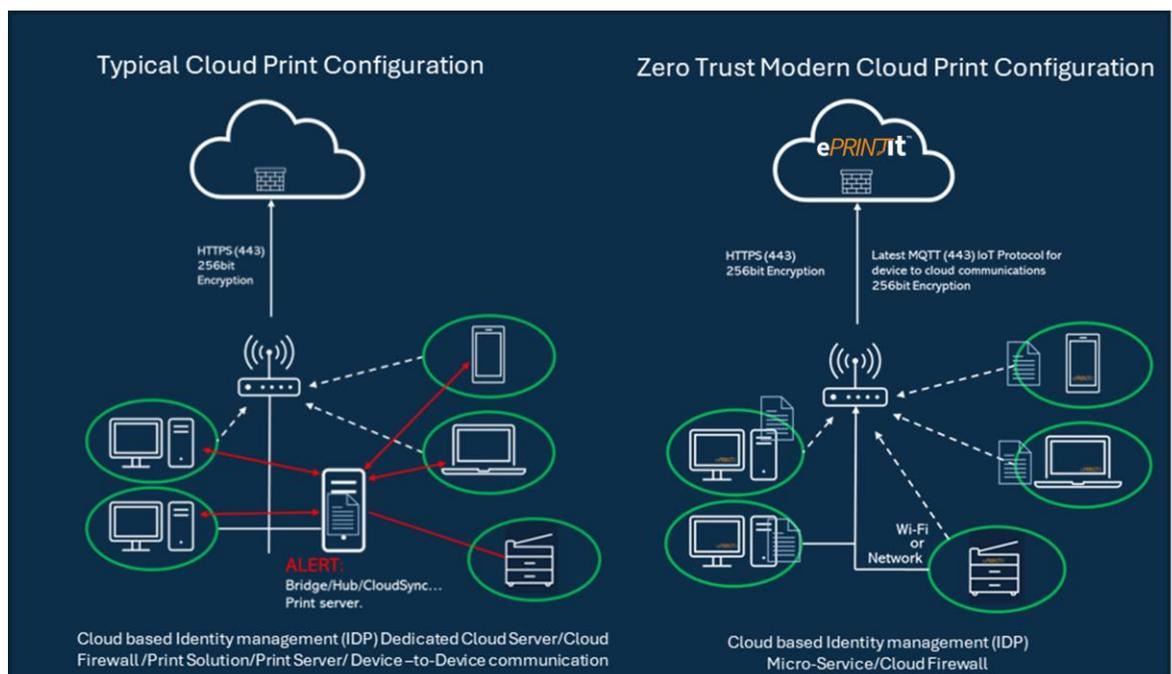
Key Benefits of ePRINTit

Bridging Networks – Your printers just need internet and power, and users can print to them regardless of what network they may or may not be on!

- o One product, same user experience and same security!

No on-premises infrastructure to pay for or manage, allowing your staff to spend their time on more important tasks and training.

- o No patching of servers.
- o No OS Licensing and monitoring.
- o No vulnerable networks and/or direct IP connections everywhere.
- o No wasted staff time.

No Native Printer Drivers, not even a Universal one.

- o Drivers are going away; even Microsoft tells us that.4 07/01/2025
- o ePRINTit has an applet that mimics a printer driver that creates an encrypted compressed PDF file – A technology enhanced and used by ePRINTit for over 15 years.
- o No exaggerated latency from using Native printer drivers and sending huge spool files across the internet.
- o Some technologies can only use native printer drivers but ePRINTit only works in encrypted compressed PDF files. These are consistently smaller than what normal printer drivers would create in RAW formats.

Quota's, profiling, full Multi SSO support within one cloud tenant.

- o Other cloud technologies are limited by what they can do and often rely on either local servers or using the user's client PC to manage things. ePRINTit isn't limited by this.

Printer Devices do not have to be on the same network.

- o Each device just needs internet and power, and you are done!
- o They can all be completely isolated on their own vLAN talking to nothing but the internet router.

Users need power and internet to print.

- o Users don't need to be on the same network as the printers.
- o They don't even need to be on campus networks.
- o Users print to the cloud.
- o Users can be at home, in their dorm, at the cafe, at parents... They just print and then collect it from a printer when they get to campus, any printer!

4. End of servicing plan for third-party printer drivers on Windows

March, 2025

ePRINTit is embedded in the award-winning **ScanEZ**

- o Scan to cloud storages.
- o Scan to your Smart phone.
- o Translate documents into 150+ different languages.
- o Translate into Text and/or Audio files.
- o Scan to Word or Excel.
- o Handwriting recognition.
- o Copy any document or book.
- o True Book edge Scanning with auto rotate and alignment.
- o OCR capabilities.
- o All through a 27" Portrait interface (not a 7-10" printer screen).
- o Retrieve print jobs via the integrated interface with ePRINTit.

Conclusion

In conclusion, ePRINTit SaaS offers a modern solution to printing needs by eliminating the need for on-premises infrastructure, reducing costs, enhancing security, and providing flexibility for users. Its unique features make it an attractive choice for organizations looking to streamline their printing processes while ensuring high levels of security.

Accessibility Equals Access for Everyone by Design

ScanEZ and ePRINTit is committed to providing equal opportunity access across our portfolio. We believe nobody should feel restricted in accessing technology in the modern age.. Our solution, in partnership with industry leaders, offers a comprehensive suite of tools and modern access that sets our products apart.

Our Mobile and web applications come with 165 language selections, along with the UserWay widget for the visually impaired. Our print mobile APP allows for document release directly from your smartphone eliminating the need to touch the printers control panel. ScanEZ and ePRINTit are made accessible through many features including multi-lingual narrator, magnifier and high-contrast.

We have been recognized by the American Library Associations, Modern Library awards as a Platinum solution, voted on by their members annually for over 7 years consecutively.

Technology Partners and IdPs

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