

ePRINTit SaaS – features for the
visually impaired

ePRINTit™
SaaS
SECURE CLOUD SOLUTIONS



Solution

ePRINTit SaaS

How does the ePRINTit SaaS solution support the visually impaired

A discussion paper that explains the features and benefits of ePRINTit SaaS and the ongoing efforts to provide equal services to those with visual impairments.

While ePRINTit has endeavored to provide as much support as possible using today's newest technologies to support the visually impaired, more work will continue in the future, and we encourage all to improve our products through suggestions.

A general overview of how SaaS solutions can benefit the visually impaired:

A SaaS (Software as a Service) solution can offer several benefits for the visually impaired community, as it provides a more accessible and flexible approach to software delivery. Here are some specific benefits that a SaaS solution can provide for individuals with visual impairments:

Web-Based Accessibility: Many SaaS applications are accessed through web browsers, which can be equipped with various assistive technologies such as screen readers, screen magnifiers, and braille displays. This allows visually impaired users to access the software without needing to install or manage additional software on their devices.

Consistent Accessibility: SaaS solutions are often designed with accessibility in mind to cater to a wide range of users. This can result in consistent accessibility features across different devices and platforms, providing a smoother experience for visually impaired users.

Real-Time Updates: SaaS applications are updated centrally by the service provider. This means that any accessibility improvements or updates made to the software can be immediately available to all users, ensuring that visually impaired users benefit from ongoing enhancements.

Compatibility: SaaS applications are typically designed to work across various devices, including computers, smartphones, and tablets. This compatibility makes it easier for visually impaired individuals to use the software on the devices they are most comfortable with and have accessibility tools installed.

Reduced Local Installation: Traditional software installations might require manual setup and configuration of accessibility features. With SaaS, these features are often built into the application, eliminating the need for additional installation and configuration efforts.

Cloud Storage: SaaS solutions often include cloud storage capabilities for saving and accessing documents and data. This can be advantageous for visually impaired users who might need to access their work and documents from different devices.

Collaboration: Many SaaS applications enable real-time collaboration among users. For visually impaired individuals, this can mean more effective communication and teamwork, as they can contribute and collaborate with others in a shared digital environment.

Scalability and Flexibility: SaaS applications can scale their resources to meet the needs of different users. This ensures that visually impaired users can access the software even if their computing devices have limited processing power.

Reduced Dependency on Local Devices: Visually impaired users can access SaaS applications from various devices without being restricted by the capabilities of a single device. This can be particularly helpful for users who might rely on public or shared computers.

Support and Updates: SaaS providers often offer customer support and regular updates, which can address accessibility issues and ensure a smoother user experience for visually impaired individuals.

Overall, SaaS solutions can provide a more inclusive and accessible environment for individuals with visual impairments, making it easier for them to access and utilize software applications in their personal and professional lives.



ePRINTit for the Visually Impaired

As discussed in the preceding paragraphs, ePRINTit's SaaS solution has been designed and developed with the ability to improve constantly and push those updates seamlessly to the entire world instantly.

As new technologies develop and are being supported by AI there is more of a need for SaaS products that can help support the large community of visually impaired. According to the Centers for Disease Control and Prevention (CDC), more than 4.2 million Americans are legally blind or suffer from low to limited vision. [The World Health Organization \(WHO\)](#) in September 2021, estimated that there were around 36 million blind people and around 94 million people globally have moderate or severe distance vision impairment or blindness due, Reference GBD Blindness and Vision Impairment Collaborators.

ePRINTit is one of the most used cloud and SaaS print solutions in public libraries today. Patrons in virtually all languages and many countries have used ePRINTit's solutions since 1997.

The ePRINTit SaaS solution provide for printing, scanning, copying, online payment at the printer or online through mobile or web portals. Payment Gateways are available for most countries.

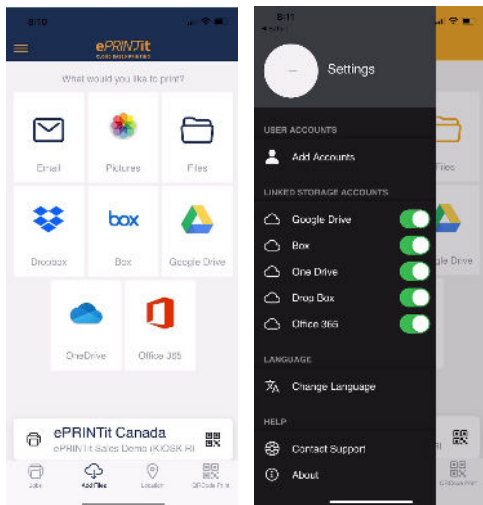
The ePRINTit SaaS solution allows for 28 audio speech languages in mobile and web portal as well as over 165 written languages with a language dropdown feature. Everything can be managed through your own personal device. Further features are displayed on the next page.

The ePRINTit solution also incorporates the [Nayax Card reader](#) for tap and pay with full audio features for the user connecting directly with the Payment Gateway secure [PCI-DSS Certified supplier](#). Users with visual impairment can pay directly through their personal devices.

The ePRINTit SaaS solution also connects directly with most library card systems where funds can be managed online or through your local library.

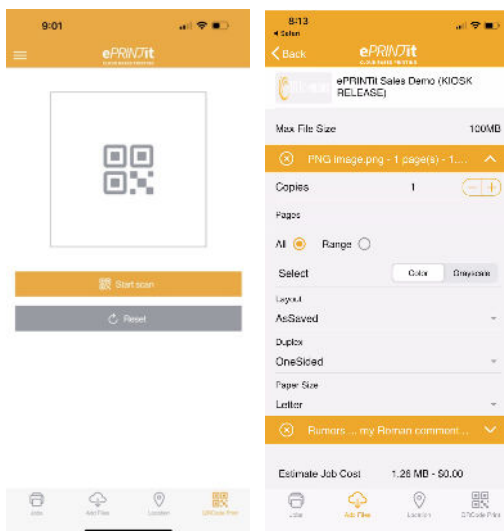
ePRINTit can also connect directly with [Todays Business Solutions, ScanEZ](#) product for full document OCR Scanning, translation from text to 28 languages in audio MP3 format or digital in 165+ languages.

ePRINTit images of the client web APP



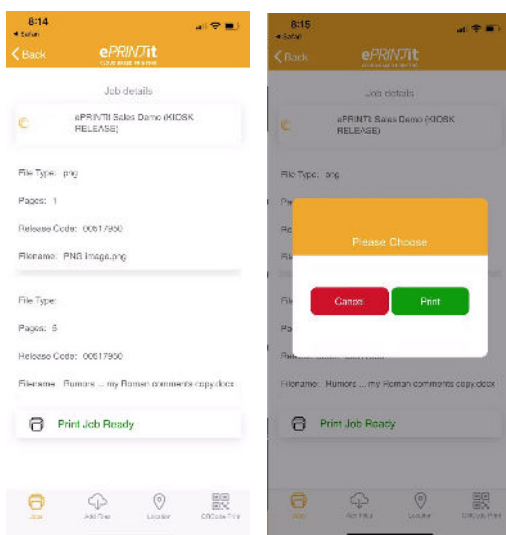
The ePRINTit SaaS Mobile APP is accessible as a simple web APP page and be reached through a QR code or installed on your device as an APP in both Android and iOS.

The ePRINTit client APP allows for permanent and direct connection to a Users email clients which can allow for printing any attached document or email body. As well, there is full connection through permissions to DropBox, Box, Google Drive, One Drive, Office 365, any web portal and all internal files on the device.



The ePRINTit Client APP also allows you to scan the QR code at the printer to give you full access to output your printing directly from your personal device to that specific printer.

A new page is shown after you selected the content you want printed with all print options available to you at that printer. Only the features available for each printer are displayed in the APP. Global paper sizes are all available if the printer is capable



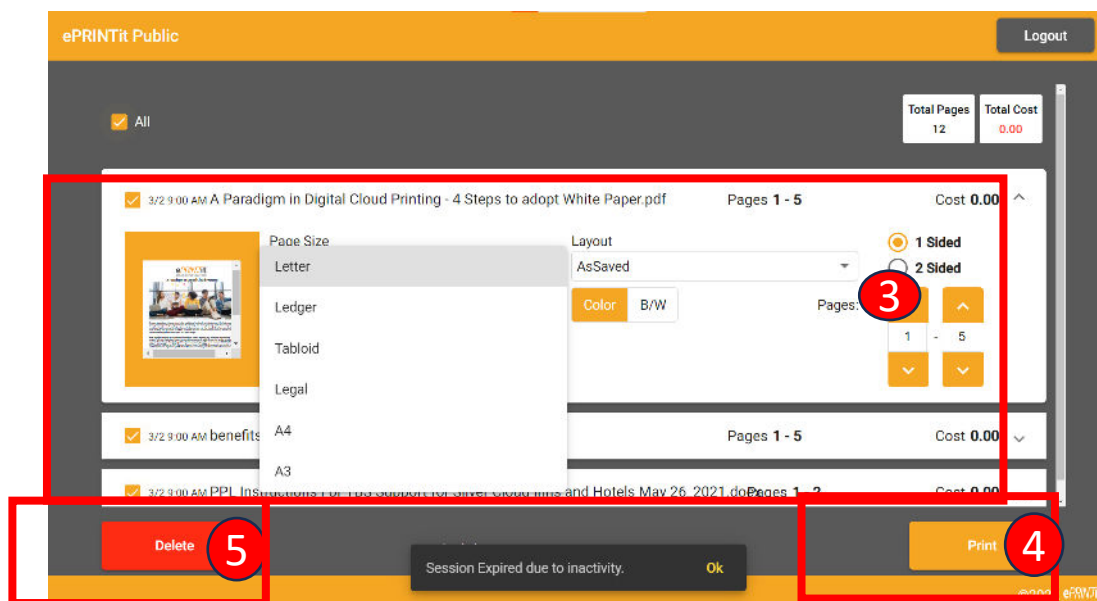
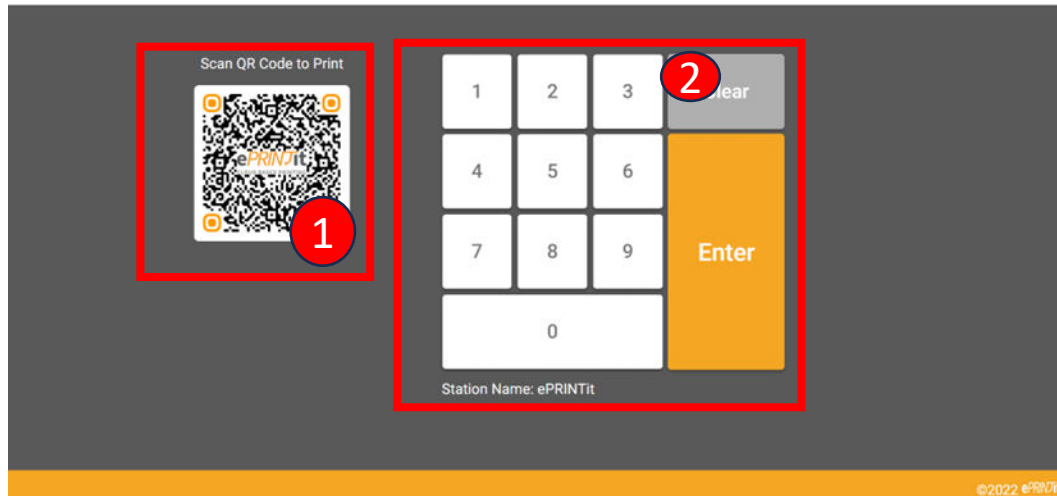
Send multiple job requests from anywhere in the world. Geo-Locate the closest available printer. Scan the QR code and your personal device is now connected to the ePRINTit enabled printer or Touchscreen device.

After the file is processed in the cloud (about 5 seconds) your device will let you know the Job is ready.

A button confirming the printer location will ask for confirmation. Then a Print or Cancel button will appear to select and print the document.

ePRINTit Windows PC Kiosk Release Station

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Some ePRINTit locations will have a Digital Touchscreen as a Kiosk release station. Some may have a third-party application that connects to ePRINTit's cloud solution. In many libraries you may need to use a [Papercut Interface \(click here for more information\)](#) or an HP embedded printer where ePRINTit is directly embedded within the printer and its touchscreen, for more information on that click here [HP Accessibility features](#). Other companies that use ePRINTit as the document processing engine may also connect it to their own Kiosk or software platform including TBS, Envisionware, SurfBox, Print On the Go (POTG), PrintQu and including other products by ePRINTit such as our Enterprise solutions for PrinterOn and ePRINTit Enterprise. When transferring the output to a 3rd party vendor then the output destination will determine accessibility features. You may need to consult with that vendor on their features. But in all cases, the upfront communication and what we call the On-Ramp will be ePRINTit.

Options available for the Hybrid Office Environment

ePRINTit Enterprise – Cloud Managed service

An advanced cloud SaaS managed service that provides fully featured management tools, reporting, payment gateway integration, and SSO/AD/LDAP/SAML and self-registration services. This is an account-based solution that provides for private URL web portals and private mobile APPs connected to all cloud storage services. Services include scanning your account, web portal printing, custom File>Print drivers, and email printing. Users can add funds with complete e-commerce connections in the web portals and mobile apps. This is a serverless and universal print driver environment. Available in HP Embedded and PC release station software.

[Hybrid Offices](#) | [Higher Education](#) | [Student Housing](#) | [Extended Stay Hotels/Dorms](#)

ePRINTit SaaS – Cloud managed hosted service

A popular service among pay-for-print or free guest printing. Multi-lingual and full-featured accessibility for the visually impaired. Provides a fully featured best-in-class mobile experience printing by APP, Web Portal, File>Print Drivers all built in the cloud.

[Libraries](#) | [Hotels](#) | [Resorts](#) | [Government Services](#) | [3rd Party OEMs](#)

ScanEZ – Translation/Scanning/Copying/Printing/Faxing

Creates an entire office environment of services, scans to cloud, email, smartphone or USB. Enhance images and documents with our proprietary image enhancement solution. Preview all pages, crop, edit, rotate. International faxing with no dedicated fax line. Translate documents from one language to another in over 125 languages including scanning Text to Voice in 28 different languages. Includes ePRINTit for mobile and cloud printing services and full pay-for-use. Ideal service for the visually impaired with advanced features.

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PrinterOn Enterprise – 3 Versions

Secure, proven cloud and remote printing solution that will fit your business no matter the requirements. PrinterOn's enterprise cloud printing solutions offer unmatched deployment flexibility. Whether you want your print solution on-premise in your private cloud, in a third-party cloud, or prefer to have your cloud printing solution managed for you. Our PrinterOn services include;

PrinterOn Managed Cloud – Private Cloud Servers in AWS managed by us (Minimum 100 Printer Environment) PON APP and HP™ Smart Kiosk APP

PrinterOn Enterprise - Third Party Cloud or On-Prem – Private Cloud servers built in your cloud server environment

PrinterOn embedded – HP Workpath utilizing PrinterOn Cloud servers and HP Smart Kiosk Applications

[SMB + Large Corporations](#) | [Retail](#) | [Logistics](#) | [HealthCare](#) | [Legal](#)

All PrinterOn products come with advanced MDM management with mobile Apps, File>Print drivers, web portal printing, secure remote printing, and email printing services. The enterprise products have SAP, CITRIX connectors to support your VDI environment.

