

Creating Equity at Xerox with Accessibility: Human-centered designs



ASSISTIVE TECHNOLOGY AT XEROX

Assistive Technology refers to products, equipment, systems, that enhance learning, working, and daily living for persons with disabilities. We deploy built-in tools and optional accessories such as audible sounds, voice command solutions, remote mobility access, personalized printer screens with ample time-out settings, and more to improve technology effectiveness and ease of use, equitably for everyone.

EQUITY AND ACCESSIBILITY AT XEROX

At Xerox, we believe that an equal and inclusive society is for all of us, and we continuously improve and reflect that in our designs. The Act of Equity integrates the needs of people with the possibilities technology offers – making it accessible, unbiased in both processes and products, and of course, providing equal attainable outcomes to all.

Adhering to the American Disability Act (A. D. A.), section 508 and the European Standard (EU EN 301549) compliance for equitable access to technology and communication-are at the center of our business simply because its the right thing to do.

At Xerox, our business goals include the design of equitable user experience, driving human-centered design.

FACTOID*



15%

approximately of people worldwide have a disability



1 in 4

Americans have a disability



Of those affected by disability in the US:
5% approximately are blind or have a severe visual impairment



6%

approximately are deaf or have a severe hearing impairment



Others have difficulty with speech, mobility, or cognition; mental disabilities; or problems with self-care and independent living

* As seen in a CNET article¹ Data from the Centers for Disease Control and Prevention (CDC)

Assistive Technology at Xerox

The first step in determining a product's potential to meet the needs of disabled people is a thorough diagnosis of the suite of tasks required to use that product.

From loading documents into a printer to filling paper trays, setting job properties of a print job on a user interface to emailing a scanned copy, Xerox product development teams are consistently working to improve access requirements for Xerox Products.

ACCESSIBLE TECHNOLOGIES

Xerox deploys built-in tools and optional accessories that include audible sounds, voice command solutions, remote mobility access, personalized printer screens with ample time-out settings, and more to improve the effectiveness of technology and ease of use.

Accessible technologies and features in the rest of this document will vary by Xerox Printer make or model. Refer to the model-specific user guides and VPAT located on the Xerox Accessibility website.

NUMBER ONE: OVERALL ENHANCEMENTS

Xerox 1-Touch App

Automate complex multi-step workflows, save time, and reduce errors for disability inclusion.

Touchless Workflow Accelerators

Can be used to copy, scan, fax, or even email without needing to touch the Control Panel or Home Screen. This ease of use for work tasks can be applied to a diverse audience.

LED Indicator Lights

LED lights (Blue, Amber, and Red) notify users of various device statuses or events with sound and visual cues. Allowing everyone to fully engage with our printers.

Flexible Time-out Settings

Are used to customize time-outs on Xerox Printers' touchscreens in sleep, low power, screensaver, and system modes. Allowing for more time for printer interactions.

Headphone Jack

Can be used to reduce background and surrounding noises in the office environment. Providing less distractions and more focus for all users.

NUMBER TWO: VISUAL ENHANCEMENTS

Xerox Windows Print Drivers (v4) Leverages Microsoft Accessibility

Accessibility technology settings help the blind and visually impaired easily navigate Xerox Printers with offerings such as Narration, high-contrast, inversion, and magnifying color filters.

Audible Tones

Assist the blind and visually challenged in navigating the printer for critical functions.

Voice Talk Back and Magnification

Helps the blind and visually impaired to navigate printer screens and listen to audio instructions on key printer functions.

Voice Commands

Provides users the ability to use voice commands to interact with Multifunction Printers. Typical printer functions; copy, print, scan, fax can be executed via voice providing equity to all users.

Braille Labels – For Printer Trays, Card Readers

To help the visually challenged load, feed and adjust the input trays.

NUMBER THREE: MOBILITY ENHANCEMENTS

Remote Control Panels

Access and operate Xerox Printers from the comfort of a remote PC.

Adjustable Control Panels

Available in three sizes: 5, 7 and 10 inches, tiltable, and can be viewed either sitting or standing.

NUMBER FOUR: COGNITIVE ENHANCEMENTS

Customization and Personalization of the Home Screen

Provides equity to everyone by customizing features they personally want to use, on their walk up home control panel screen.



A LONG-TERM COMMITMENT

At Xerox we have a proud tradition of offering accessible solutions for decades. Xerox is committed to continual improvements in accessible technologies.

Talk to your Xerox Sales representative for more information about **Xerox Assistive Technology**.