Portsmouth CITY COUNCIL

Assistive Technology for Visually Impaired

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Magnification Tools

Computer

Multi-monitor setups

Built-in magnification software:

- Windows Magnifier
- Zoom on Mac

Third-party magnification software:

- ZoomText
- SuperNova

Tablets/Phones

- iPad
- Android

Portable video magnifiers

Suppliers:

- Optelec
- HumanWare
- VisionAid Technologies

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Reading and Writing Tools

Braille

Single-line Braille:

- Brailliant
- Focus
- Orbit Reader

Multi-line Braille:

- Canute 360

Suppliers:

- HumanWare
- Sight and Sound
- RNIB
- Bristol Braille Technology

Braille Printers/Embossers:

- Information

Screen readers

Built-in screen reading software:

- Windows Narrator
- VoiceOver on Mac
- Chromevox on Chromebook

Third-party screen reading software:

- JAWS Premium
- NVDA (free)

Suppliers:

- Sight and Sound

General productivity

- RNIB Bookshare

Accessories

- Large print keyboard
- Keyboard stickers

Navigation Tools and Apps

Apps:

- Microsoft SoundScape
- Lazarillo
- Google Maps
- Apple Maps
- Moovit
- Blind Square
- DotWalker

Location sharing:

- Share your location with friends - Apple Support
- Share your location with others - Google Support

Public transport:

- UK Bus Checker app for iPhone
- First Bus
- Stagecoach Bus
- National Rail Enquiries
- Trainline
- TrainTimes.org.uk - Accessible UK Train Timetables

TV, Audio, and Smart Home Devices

At Home Smart Devices

- Google Nest
- Amazon Echo Guide 1 (RNIB)
- Amazon Echo Guide 2 (Guide Dogs)
- Accessible in home displays
- Smart Thermostat
- Smart Heaters
- Smart Lightbulbs
- Smart Plugs
- Talking Kitchen Scales
- Talking Clock

TV

- Smart TV / Accessible TV
- Audio Description

Audio

- Online Radio
- Radio - Accessibility
- Spotify - Accessibility

Communication and Help

Services:

- Be My Eyes
- Aira

Video calling apps:

- WhatsApp: video calls on Android
- WhatsApp: video calls on iPhone
- FaceTime
- Google Duo

Further resources

- Thomas Pocklington Trust: Student Support Service
- Vital Tech