

Redefining Office Printing with Augmented Reality

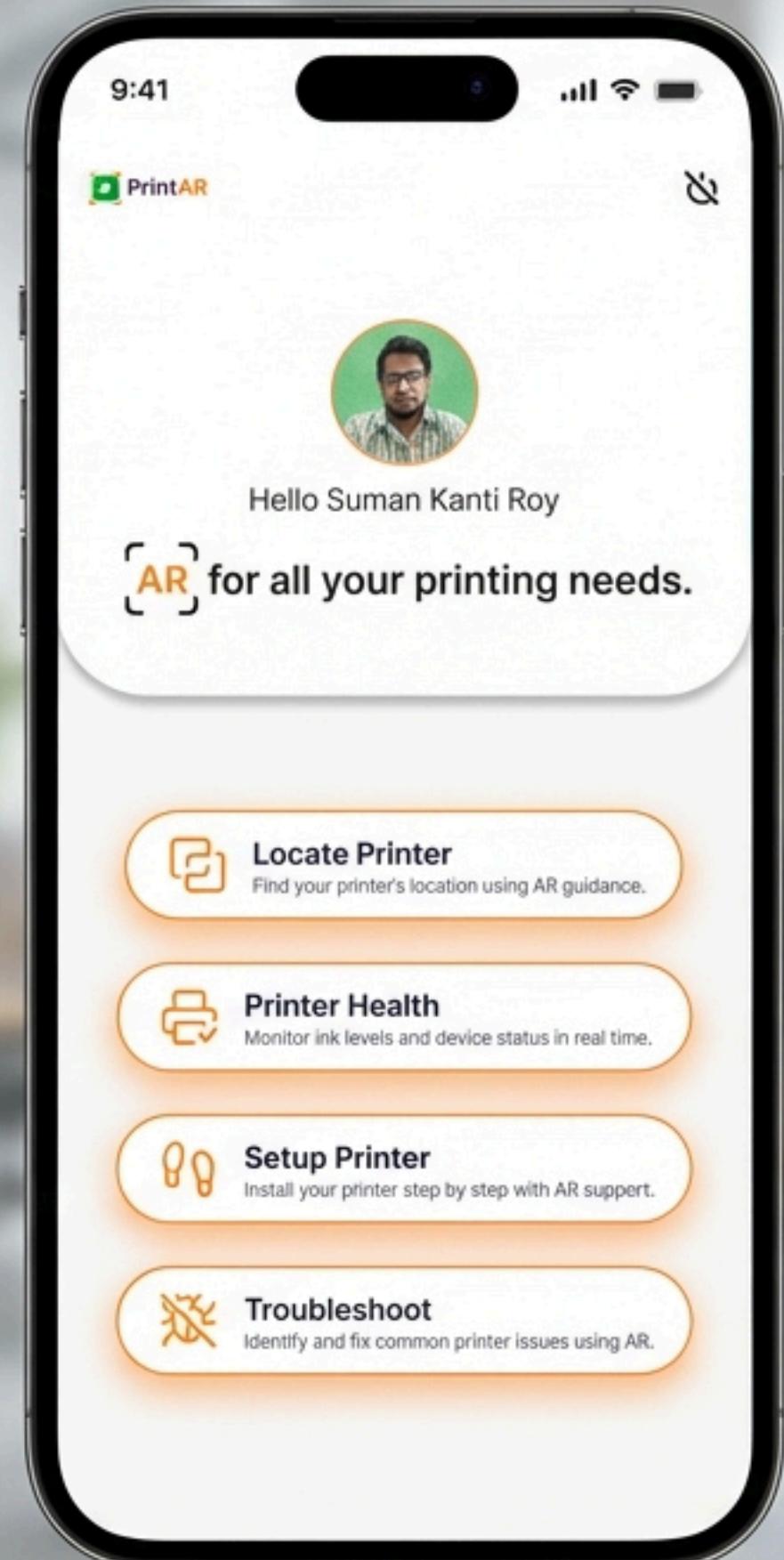
Eliminate search time, drastically reduce IT support tickets, and empower your workforce with intuitive, spatial technology.



A central command centre for everyday office hardware

The PrintAR interface is structured around four core pillars designed to solve the most common friction points in enterprise printing:

- **Locate Printer:** Find available devices using AR guidance.
- **Printer Health:** Monitor ink levels and status in real time.
- **Setup Printer:** Step-by-step installation with AR support.
- **Troubleshoot:** Identify and fix common issues instantly.





The Challenge: Finding an available printer in a sprawling floorplan

Instead of navigating complex floor maps or wandering rows of cubicles, employees simply open the camera. PrintAR instantly maps the physical environment, understanding the user's exact spatial coordinates within the corporate network.

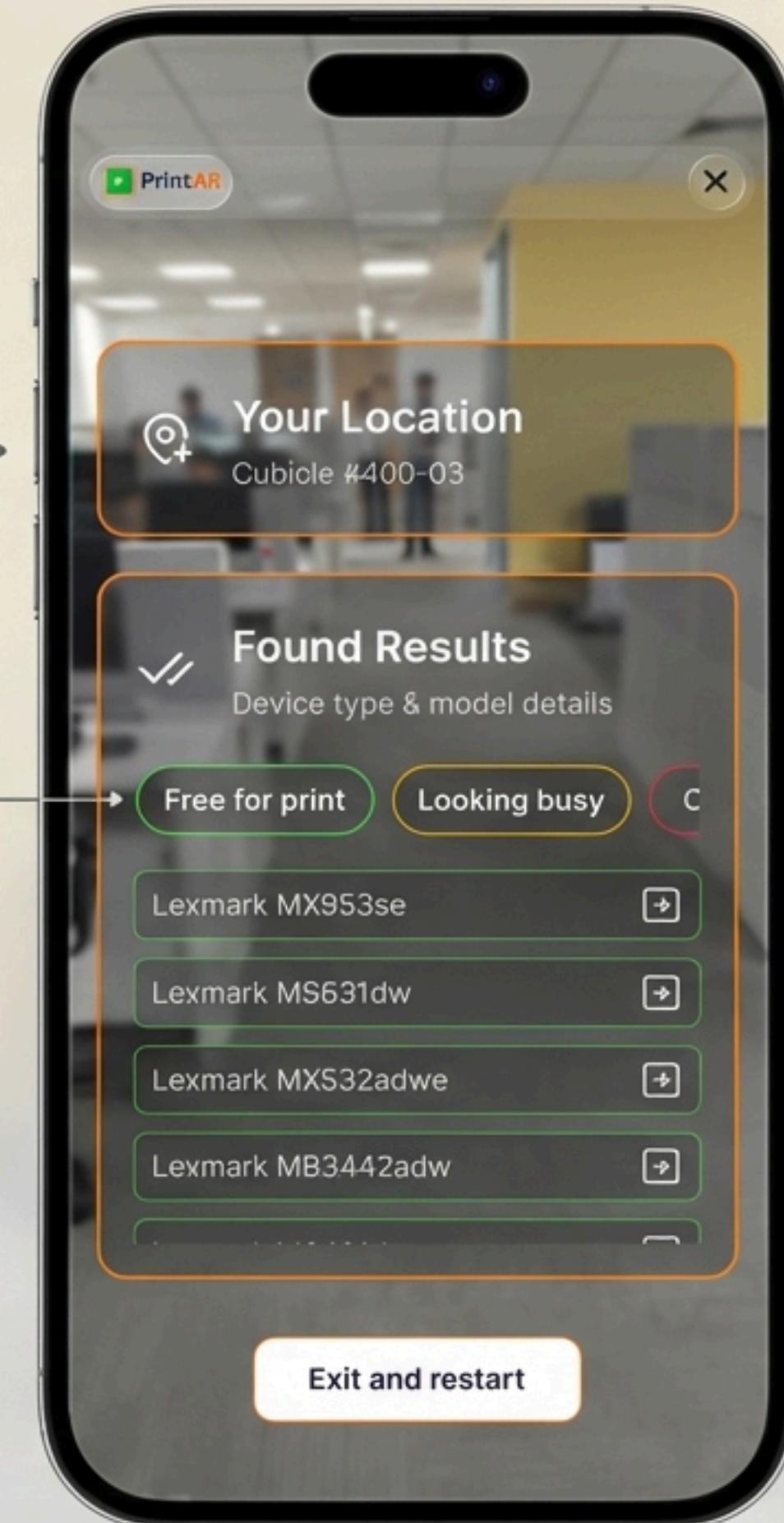
PrintAR



Scan your environment.
Open camera and move slowly
around your space.

Intelligent discovery filters out the noise

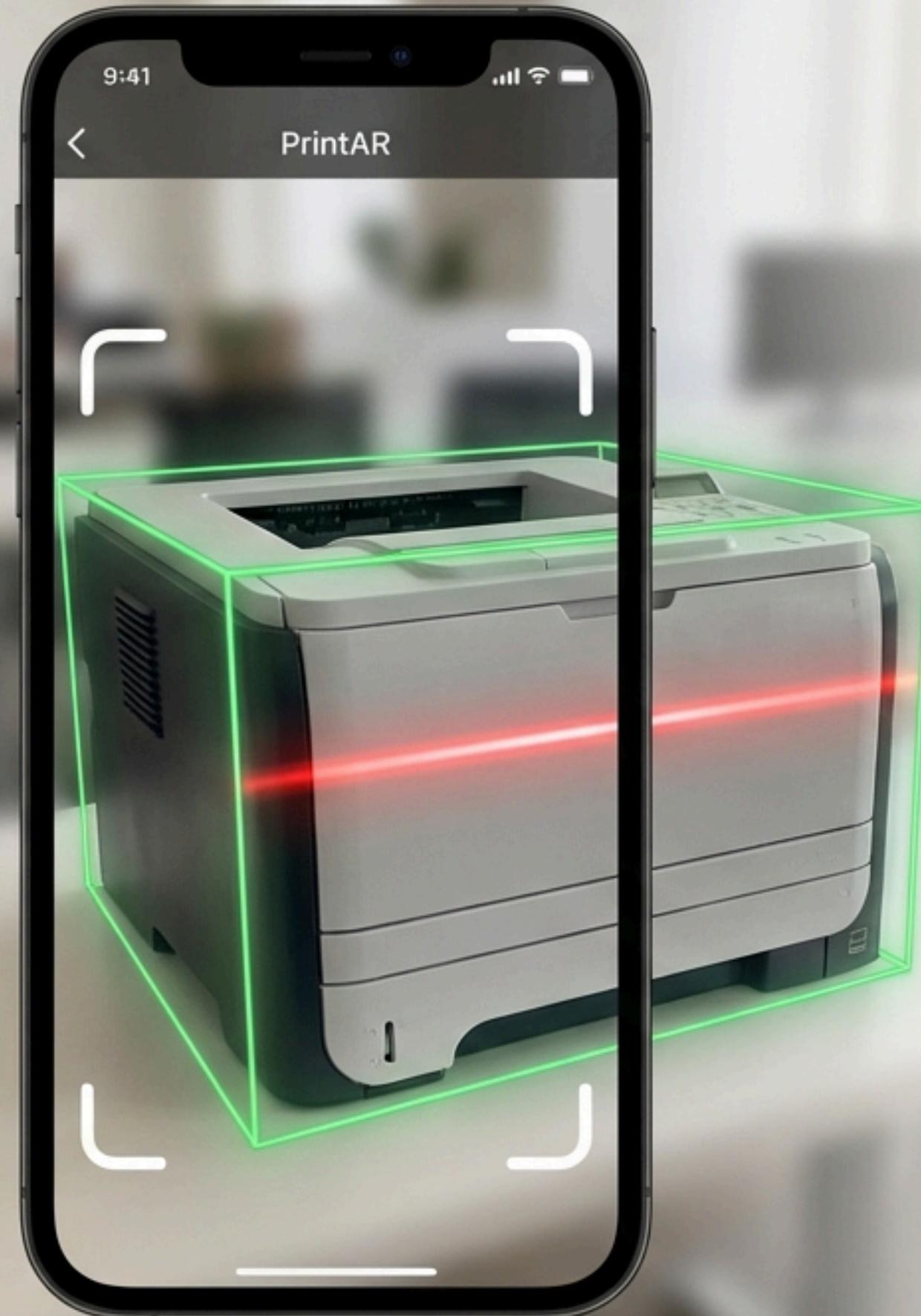
The system immediately triangulates the user's position (Cubicle #400-03) and pings the local network. It doesn't just show nearby printers; it surfaces devices based on real-time availability, ensuring employees never walk to a printer currently tied up in a massive print job.



Seamless physical-to-digital guidance eliminates wandering

Selecting an available printer activates AR wayfinding. Turn-by-turn directional arrows are mapped directly onto the floor, guiding the user precisely to the target device. Zero time wasted searching; zero interruptions to colleagues asking for directions.





Instant, markerless device recognition

Upon arrival, computer vision instantly identifies the exact make and model of the **hardware**. No QR codes to scan, no IT asset tags to find, and no manual data entry required.

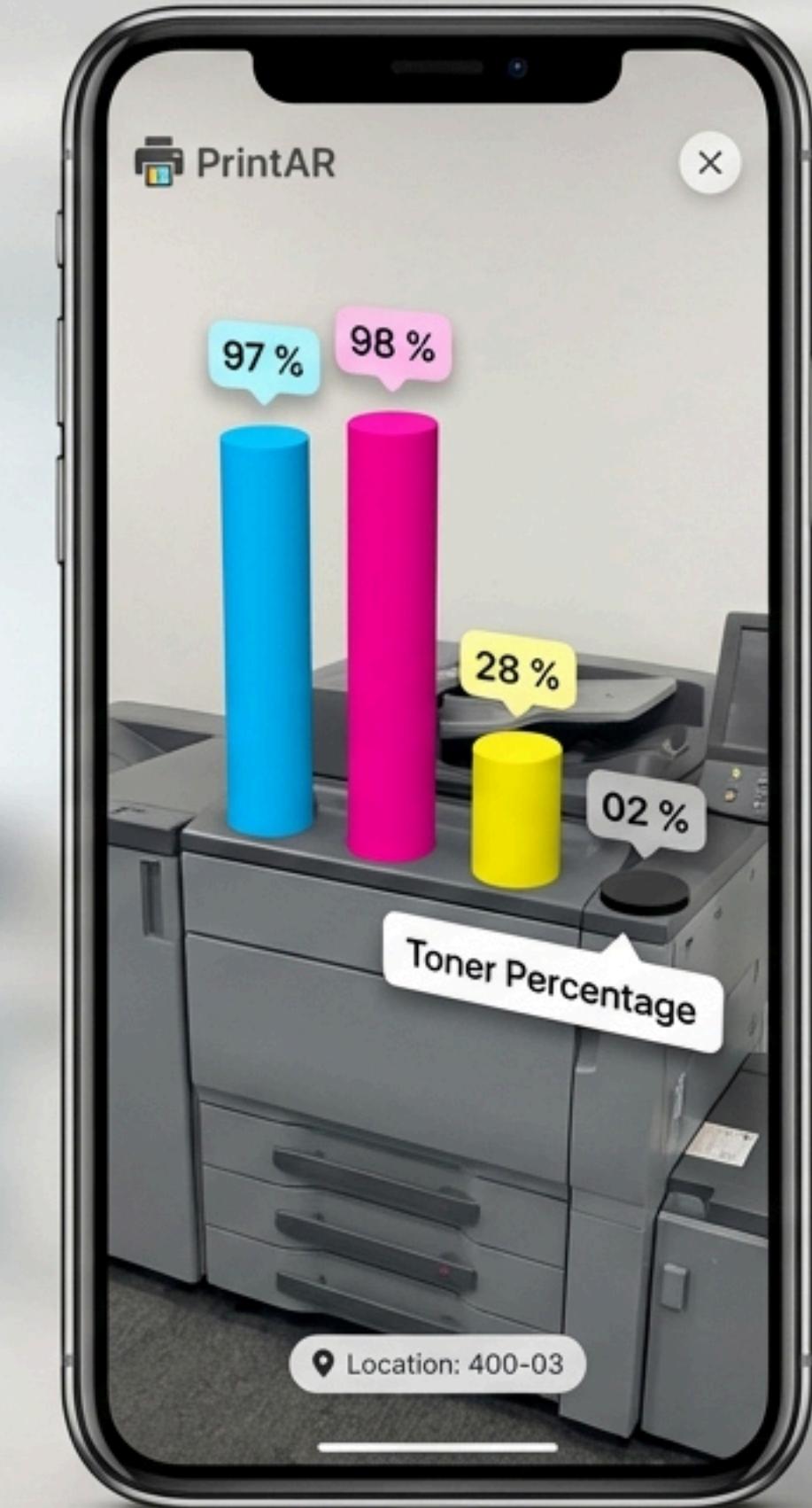
Contextual menus surface exactly when needed

Once the device is recognized, PrintAR locks an interactive spatial anchor to the machine. The interface immediately surfaces contextual, actionable data. The user has arrived, and the tools they need are floating directly in front of them.



Transforming diagnostics with spatial data visualization

Selecting 'Printer Health' pulls real-time telemetry from the device network and visualizes it in physical space. A quick glance instantly reveals the operational bottleneck: the black toner is critically low at 2%.





Component identification eliminates user guesswork

Before initiating maintenance, PrintAR visually maps the hardware. By overlaying clear labels onto physical components, it completely removes the confusion of technical jargon. Employees no longer need to guess which part is the "Standard bin" or the "Op-panel."

The leap from dense 2D manuals to interactive 3D space

Traditional IT maintenance relies on burying employees in dense, confusing PDF manuals filled with warnings and tiny diagrams. PrintAR offers an immediate escape route: converting static 2D instructions into a dynamic, spatial walkthrough.





Step 1: Instructions mapped perfectly to reality

Selecting the virtual model anchors the instructions directly onto the physical hardware. The user doesn't have to translate a drawing in a manual to the machine in front of them; the app highlights the exact physical door that needs to be opened in real-time.



Precision interaction guides the user's hands

The AR guidance is precise down to the millimeter. It directs the user's exact hand movements, pointing out specific latches, buttons, and release mechanisms. This prevents accidental hardware damage and ensures the maintenance protocol is followed flawlessly.

Animated 3D guidance for complex component replacement

For the most complex physical actions, PrintAR isolates the required components in a clear, interactive 3D space. Users can see exactly how the new toner cartridge seats into the imaging unit, removing all ambiguity from the replacement process.



The Enterprise Impact: Efficiency at Scale

The journey from a low-toner error to a resolved issue took minutes, with no IT intervention.

- **Zero time** wasted navigating large floorplans to find available hardware.
- **Zero IT support tickets** raised for routine maintenance and consumable replacement.
- **Empowered employees** who can independently and confidently interact with complex office hardware.





Bring spatial intelligence to your workplace

PrintAR transforms everyday office frustrations into seamless, self-guided experiences. Reduce your IT overhead and modernise your employee experience today.

Contact our enterprise deployment team
to schedule a live pilot in your facilities.