

Dot Pad: Electromagnetic Tactile Graphics Display for Braille Digital Access

Digital Inclusion · Good practice · South Korea

Quality score: 60/100

Evidence strength: Descriptive / self-reported

Summary

Seoul-based Dot Incorporation built the first commercialised electromagnetic tactile display, letting blind and low-vision users feel braille text and graphics refreshed in real time from any connected phone or computer. Deployed in public kiosks and integrated with Apple's acces

Key dimensions

Dimension	Score
Innovation level	5/5
Sustainability (ongoing)	1/1
Evaluation evidence	0/1
Demonstrated reach	1/1
Documented learning	0/1

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-15

[Dot Incorporation](#) — accessed 2026-07-15

[TechCrunch — Dot Pad tactile display makes images touchable \(2022\)](#) — accessed 2026-07-15

[Korea Product Post — Dot Pad, taking a giant leap in accessibility from Korea](#) — accessed 2026-07-15

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