

HT: Mobile Fidelity at Scale

PART I — FORESIGHT SNAPSHOT | HT: Mobile Fidelity at Scale | Fixed Time-Stamped Synthesis

2026 HT: Mobile Fidelity at Scale

Card Type	Historical Technology Shift
Series	Immersive Futures Guild — Vision 2035
Layer	1 — Atomic Foresight Object
Status	Active
Confidence	Medium
Workshop	Circle of Scholars — January 2026
Facilitator	Circle of Scholars Workshop Team
Tags	mobile-XR historical accessibility layer1 ht
Tally.so Form	https://tally.so/r/ilrn-if-ht-mobilefid-2026

Mobile devices have achieved sufficient processing, display quality, and sensor capability to support mid-fidelity augmented and mixed reality experiences at scale. This has extended the reach of immersive learning beyond dedicated hardware to devices that many learners already own, though with significant implications for the depth and type of immersive experience achievable.

Key Drivers / Contributing Conditions:

- Smartphone GPU capability scaling
- ARKit, ARCore, and WebAR accessibility
- Mobile 5G and WiFi-6 connectivity improving streaming quality

Tensions Carried Forward to Part II:

- Does mobile-accessible XR represent a meaningful equity advance or a qualitatively different experience that should not be counted as equivalent?

Linked Scenarios / Strands: SC: Equity | SCENARIO: Pragmatic Normalization

PART II — COMMUNITY EVIDENCE & DIALOGUE TRACK | HT: Mobile Fidelity at Scale | H2 2026 — Living

T	<p>COMMUNITY CONTRIBUTION FORM — HT: Mobile Fidelity at Scale</p> <p>Submit case examples, methodological challenges, cultural perspectives, and proposed evidence criteria via: https://tally.so/r/ilrn-if-ht-mobilefid-2026</p>
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Part II — Scope and Instructions
This section collects community responses, case examples, and challenges to the Part I foresight snapshot above.
It opens July 1, 2026 and undergoes synthesis review in September 2026, November 2026, and January 2027.
Contributions are submitted via the Tally.so form above and appear in the registers below after editorial review.
The Part I text is not modified in response to Part II contributions; it is versioned at the Annual Handoff review.
Contribution categories: Case Example Methodological Challenge Cultural/Community Perspective Proposed Evidence Criterion
Ways of Knowing accepted: Tree (evidence) Garden (practice) Lantern (futures)

Tensions Open for Community Response:

- Does mobile-accessible XR represent a meaningful equity advance or a qualitatively different experience that should not be counted as equivalent?

Contributor / Date	Category	Way of Knowing	Contribution Summary
[Awaiting contributions — form opens July 1, 2026]			

Revision #1

Created 25 May 2026 20:47:46 by Jonathon Richter

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