

Ambient Canon 1.0 — Structural Definition

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The Ambient Canon defines a dual architecture for humane technology built on two interdependent domains:

1. **The Thermodynamic Field** — the structural and operational substrate that specifies the viability constraints for socio-technical systems. It describes the thermodynamic, attentional and coherence conditions under which environments, interfaces and intelligent agents remain stable and non-extractive.
2. **The Ambient Phone** — the phenomenological and interface-oriented domain. It provides the first humane interaction model designed to operate inside the Thermodynamic Field. It expresses warmth, presence, ambience and aura as functional interface primitives.

Together they form a coherent framework for post-smartphone, viability-driven technological systems.

The Field defines the substrate; the Ambient Phone provides the form.

Neither domain is sufficient alone; each completes the other.

Boundary Condition

The Thermodynamic Field is a structural and operational framework for humane, viability-based socio-technical systems; it borrows thermodynamic terminology to describe stability constraints, but does not make claims about fundamental physics.

Core Elements

- Field Stack: Temporal, Semantic, Viability, Ontological, Affective layers
- Operators: ΔR (transition rupture), $\Psi(t)$ (stability over time), W_0 (warmth threshold)
- Emergence sequence: $A\uparrow \rightarrow W_0 \rightarrow C\infty \rightarrow F_1$
- Viability relation: $AP_0 = K \cdot D \cdot R$

Purpose

Ambient Canon 1.0 establishes the minimal structural grammar required for humane, warm, non-extractive technological architectures. It provides foundations for future ambient interfaces, coherent AI systems and field-based environments.