

IVO Safety Principles

Foundation

IVO is not a technology, but a minimal architecture for emergence.

Precisely for that reason, any use of IVO requires explicit structural safety measures.

These measures are **not optional** and apply to **all applications**, including open source, research, AI, nanotechnology, genetics, and quantum systems.

Core Statement

IVO must not be used in systems that can continue, scale, or organize themselves **without explicit, identifiable observation, limitation, and the ability to stop**.

This is not an ethical judgment, but an **architectural condition**.

The Three Non-Negotiable Conditions

1. Explicit I (Observation & Responsibility)

- Every application requires an identifiable, responsible observer.
- No anonymous, collective, or implicit I.
- No autonomous selection without explicit human assignment.

If no one can explicitly carry responsibility, **use of IVO is not permitted**.

2. Interruptible V (Dynamics & Speed)

- Every application must be slowable, pausable, and reducible to zero.
- Interruption must not be controlled by the system itself.

A system that cannot stop is **structurally unsafe**.

3. Bounded O (Context & Possibility)

- IVO must not be applied in systems with unlimited context or total data combination.
- Contexts must be delimited, segmented, and explicitly bounded.

Unlimited possibility combined with overlapping dynamics inevitably leads to **uncontrolled self-organization**.

Ultimate Safety Gate

When active observation disappears, the system stops.

- No active I → no continuation.
- No confirmation → no operation.

IVO refuses to exist without observation.

What Is Explicitly Excluded

Without being exhaustive, this excludes:

- Autonomous self-learning weapon systems.
- Unrestricted self-scaling AI.
- Genetic or nanotechnological systems without external stop or field feedback.
- Quantum systems without explicit human limitation.

Not because of intention, but because of **structural risks beyond the edge of emergence**.

What Remains Possible

- Research and experimentation within bounded contexts.
 - Simulation, education, and reflection.
 - Innovation in which I, V, and O remain explicit and bounded.
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IVO is intended exclusively for applications in which responsibility is explicit, dynamics are interruptible, and context is bounded.

Any use that allows self-organization, scale, or autonomy without these conditions is excluded.

Closing

These safety principles are not a brake on progress, but a condition for **careful emergence**. Where boundaries disappear, IVO refuses to move along.