

IVO Safety Principles

Structural Safety Conditions for the I·V·O Framework

Foundation

IVO is not a technology, but a minimal architecture for appearance. Precisely because of this, every use of IVO requires explicit structural safety principles. These are not optional and apply to all applications, including open source systems, research, AI, nanotechnology, genetics, and quantum systems.

Core Principle

IVO may not be used in systems that are capable of continuing, scaling, or organizing themselves without explicit, identifiable observation, limitation, and the possibility of stopping.

This is not an ethical opinion, but an architectural condition.

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, the use of IVO is not permitted.

2. Interruptible V (Dynamics & Speed)

- Every application must be reducible, pausable, and capable of returning to zero.
- Interruption may not be controlled by the system itself.

A system that cannot stop is structurally unsafe.

3. Bounded O (Context & Possibility)

- IVO may not be applied in systems with unlimited context or total data integration.
- Contexts must remain segmented, bounded, and explicitly constrained.

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

Ultimate Safety Mechanism

The moment active observation disappears, the system stops.

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

I/O refuses existence without observation.

What Is Explicitly Excluded

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

Not because of intent, but because of structural risks beyond the boundary of appearance.

What Remains Possible

- Research and experimentation within bounded contexts.
- Simulation, education, and reflection.
- Innovation in which I, V, and O remain explicit, visible, and constrained.

Short License Version

I/O is intended exclusively for applications in which responsibility remains explicit, dynamics remain interruptible, and context remains bounded. Any use that allows self-organization, scale, or autonomy without these conditions is excluded.

Closing Statement

These safety principles are not a brake on progress, but a condition for careful appearance.

Where boundaries disappear, IVO refuses to follow.

Ivo van der Wal — Design by Authenticity — 2026