

Preservation, source readout, compilation, computation, embodiment.

Biological source preservation supplies the individual-specific evidence. Authoritative source records are compiled into individual-specific dynamics; software, compute, and embodiment are constructed as engineered systems.

System architecture

01	Preserve the biological source	Retain topology, relationships, geometry, and fixed evidence consumed by authoritative readout and compilation.
02	Form authoritative source records	Record ownership, relations, geometry, and owner-keyed molecular evidence with explicit ambiguity and error handling.
03	Compile the individual-specific dynamics	Map retained evidence into dynamical models, individual-specific parameters and residuals, initialization, uncertainty, and provenance.
04	Construct the computational implementation	Engineer software, runtime, memory, persistence, semiconductor and compute systems, device interfaces, and execution infrastructure independently of the biological source.
05	Bind to the engineered body	Couple computation to sensing, actuation, power, thermal management, communication, service, and safety systems.

Qualification

Delivery and structural lock	Regional and microvascular arrival, structural retention, injury bounds, and synchronized process telemetry.
Authoritative source readout	Ownership, relations, geometry, owner-keyed evidence, ambiguity handling, and reader error kernels.
Source evidence to dynamics	Held-out same-source prediction, covariance, uncertainty, and downstream dynamical tolerance.
Computational implementation	Numerical error, timing, persistence, restart/failover continuity, action authority, execution, and compute/body interfaces.
Integrated nonhuman commissioning	Complete chain under one frozen protocol with blinded source-specific scoring, source/decoy controls, provenance, and independent evaluation.
Human release gate	Completed physical qualification, integrated nonhuman commissioning, and applicable legal authorization.

Texas preservation

Advance brain-preservation and controlled-custody arrangements in Texas. Case scope, price, receiving arrangements, authority, custody terms, responsibilities, and applicable limitations are defined in case-specific agreements.

Studies in preparation for publication

Empirical qualification.

Methods, prospective acceptance criteria, and results.

Delivery and structural lock	Observer-validated specimens with synchronized pressure, flow, return, and intervention telemetry; regional and microvascular arrival; deep and posterior territory coverage; spatial holes; injury; and rescue behavior.
Cyclic source-key readout	Single-color ligation/readout experiments using RNase-H2-cleavable trigger-bearing probes, measuring symbol discrimination, reset fidelity, free-trigger leakage and carryover, template survival, locality, and repeated-cycle error.
Source evidence to dynamics	Same-cell live electrophysiology followed by terminal molecular and protein evidence, with biological-source-group holdouts and uncertainty/covariance analysis of predictive performance.

Integrated nonhuman commissioning

Acquisition, preservation, authoritative source readout, individual-specific compilation, computational implementation, and engineered embodiment run under one frozen evaluation protocol. Blinded source-specific outputs are frozen before unblinding and scored with source/decoy controls, full-denominator accounting, provenance, and independent evaluation.

Company

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Public information

Website	ifacorporate.com
Technical basis	ifacorporate.com/technical-basis/
Contact	samer.e.said@ifacorporate.com