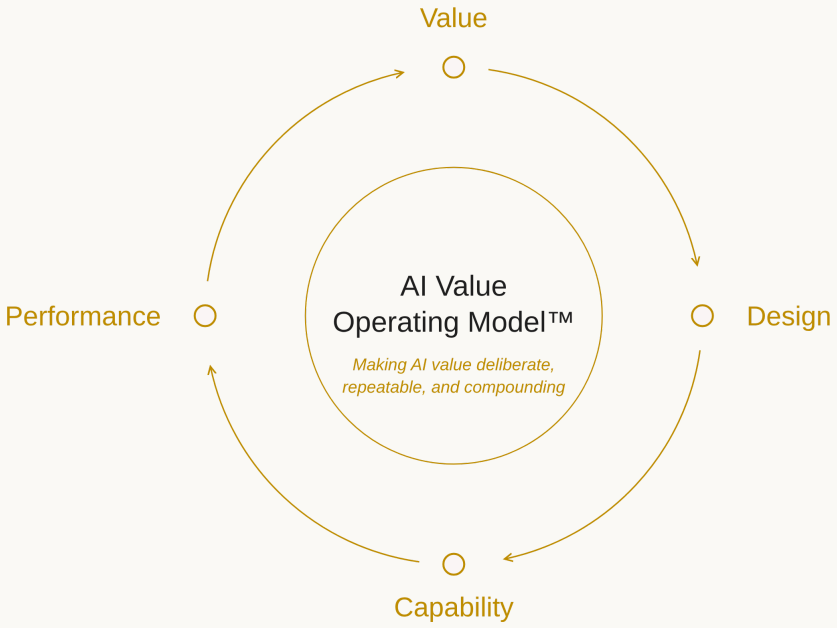
AIVOM™ · THE AI VALUE OPERATING MODEL

AIVOM™ Architecture

The structure behind the practical system for redesigning and continuously improving how an operation works with AI



PURPOSE

What this document explains

AI changes more than the tools. It changes how work flows, where judgement sits, what people need to be able to do, how quality is managed and how performance is evidenced. AIVOM™, the AI Value Operating Model, brings those conditions into one connected operating loop so they can be understood and acted on together.

This document explains the architecture beneath an AIVOM™ reading: how the system is structured, how a reading is produced and why the result can be trusted. It is the public reflection of the detailed AIVOM™ System Architecture that accompanies the AI Operating Impact Roadmap.

> **THE SHORT ANSWER**
>
> AIVOM™ uses a maintained reference architecture, structured inputs, defined states, governed calculation and relational rules. AI personalises the written interpretation within those boundaries. The wording can vary; the method beneath it does not.

ARCHITECTURE AT A GLANCE

One loop, four dimensions, twenty sub-dimensions and over ninety components

The loop and four dimensions provide the stable core. The twenty sub-dimensions, presented across the products as areas of operation, organise the operating conditions inside each dimension. The component layer provides the depth needed to interpret what each state means, what may be constraining impact and what progressing requires.

Value

The value being sought, how it aligns to direction and whether it is owned and evidenced.

- Strategic alignment
- Value goals
- Investment and cost visibility
- Accountability
- Value evidence

Design

How the operation works with AI, including workflows, information, quality and governance.

- Workflow design
- Data and systems readiness
- Operational knowledge readiness
- Quality architecture
- Governance

Capability

How roles, responsibilities, judgement and the ability to sustain AI-enabled work are changing.

- Culture and readiness
- Training and development
- Capability distribution
- Role redesign
- People performance

Performance

What results are tracked and whether AI is delivering the value the operation set out to create.

- Financial performance
- Operational performance tracking
- Experience tracking
- Innovation and new value
- Performance-to-value evidence

The architecture layers

Stable core	The AIVOM™ Loop and the four dimensions: Value, Design, Capability and Performance. This is the structure buyers recognise, and it does not change.
Maintained architecture	The twenty sub-dimensions. Names and definitions can be refined as operating practice changes, without destabilising the architecture.
Expanding component layer	Over ninety components that deepen interpretation. This layer is expected to expand most frequently, as new requirements develop.

Reference and traceability

Every part of the architecture is a governed reference. Questions, readings, priorities, working tools and repeat readings all connect back to the same maintained parts of the system, so a priority identified today remains traceable even as the reference develops. Retired references are not silently reused.

THE READING PROCESS

From structured input to an ordered starting point

An AIVOM™ reading is produced in layers. Each layer answers a different question, from where the operation stands to what matters first.

01	**Scope**	Defines the workflow, function, department or wider operational unit in view.
02	**Structured inputs**	Questions locate the operation against defined positions across the twenty sub-dimensions.
03	**Dimension states**	The areas combine into a state for Value, Design, Capability and Performance.
04	**AIVOM™ Loop State**	The connected system is read through its most constraining dimension rather than averaged upwards.
05	**Relational reading**	The method examines important dependencies and tensions across the loop.
06	**Priority areas**	The most material sub-dimensions are selected in the context of the wider profile: the priority areas named in a reading.
07	**Binding constraint**	One place is identified as most holding the loop back and needing to move first.
08	**Written interpretation**	AI explains the governed result in clear, operation-specific language without changing the calculated profile.

SCORING LOGIC

Defined states, deterministic calculation

Each of the twenty sub-dimensions has four defined reference positions, described in operating terms. A response maps to one of those positions; the reading is not an open-ended judgement. Governed calculation rules then combine the sub-dimensions into the dimension states and the AIVOM™ Loop State, and protect the meaning of the strongest states so that they cannot be reached while a material condition remains behind.

The same inputs always produce the same profile. The buyer sees state words and their plain operational meaning rather than a headline numerical score, and the calculation itself is maintained and tested as part of the versioned method.

The role of AI

The profile is not generated through open-ended model judgement. The question structure, reference positions, calculation, state vocabulary, priority selection and relational rules are set by AIVOM™. AI uses the operation's context to explain the result clearly and specifically within defined interpretation boundaries.

> WHY THIS MATTERS
>
> A general AI conversation depends on the questions, context and instructions supplied in that conversation. AIVOM™ has already made the method choices: what to ask, what the states mean, what carries more structural weight and how the dimensions are read together. The wording can vary; the method beneath it does not.

STATE MODEL

Sixteen dimension states

A state describes the operating conditions currently in place within the scope being read. It is not a maturity stage, and there is no score to climb: the loop is read through its most constraining dimension, and the reference itself keeps moving. Each dimension is read through four defined positions.

Value clarity

Unclear	AI activity is not anchored to clearly defined value goals, ownership or evidence.
Directional	The intended value is broadly understood, but goals, ownership, cost visibility or evidence remain incomplete.
Defined	Specific value goals, ownership and an approach to evidence are in place, though not yet consistently aligned across the scope.
Aligned	AI decisions, investment and performance evidence are consistently connected to agreed enterprise value.

Operating design

Unadapted	AI has entered the operation without materially changing workflows, information, controls or decision points.
Reactive	Local adjustments are being made, but the operating design remains uneven and largely responds to issues as they arise.
Redesigned	Workflows, data, knowledge, quality and governance have been deliberately redesigned to support AI-enabled operation.
AI-native	Work is designed around human and AI execution from the outset, with the necessary controls and improvement mechanisms built in.

Capability readiness

At risk	Roles, skills, judgement and readiness are insufficient to operate AI reliably across the scope.
Forming	Capability is developing, but remains concentrated, inconsistent or dependent on individual initiative.
Enabled	Roles, skills, authority and performance expectations deliberately support AI-enabled work.
Distributed	Capability is embedded broadly enough for the operation to sustain, challenge and improve how it works with AI.

Performance evidence

Unproven	There is insufficient reliable evidence of AI's effect on operational performance or value.
Anecdotal	Positive effects may be visible, but evidence is selective, informal or inconsistently measured.
Measured	Defined measures track AI's operational effects and connect them to the outcomes being pursued.
Proven	Sustained evidence shows that AI is producing the intended performance and value, and that evidence informs further decisions.

SYSTEM-LEVEL STATE

The AIVOM™ Loop State

The system-level reading is gated rather than averaged: a connected operating loop cannot be stronger than the dimension currently constraining it.

THE FOUR LOOP STATES

Fragmented	AI activity is present, but the four dimensions are not yet working as a connected operating loop.
Emerging	The foundations are beginning to form, but the connection between AI activity and operating impact remains uneven.
Connecting	The dimensions are linking up, though the loop is not yet consistently self-reinforcing.
Compounding	Value, Design, Capability and Performance reinforce one another so impact can become deliberate, evidenced, repeatable and scalable.

SYSTEM LOGIC

The operation is read as a connected whole

AIVOM™ does not treat Value, Design, Capability and Performance as independent workstreams. A constraint in one changes what is possible in the others. The relational reading examines dependencies, tensions and reinforcing conditions across the profile.

Value → Design	Clear value goals give operating design a target.
Design → Capability	A changed workflow alters where judgement sits, what roles must do and what capability needs to be distributed.
Capability → Performance	A sound design cannot produce reliable performance if the people running it cannot sustain, challenge or improve it.
Performance → Value	Performance evidence shows whether the intended value is being created and informs the next decision.

The purpose is not to improve everything at once. AIVOM™ identifies the priority areas that matter most in context, then identifies the binding constraint: the one condition most holding the loop back and needing to move first.

COMPARISON AND BENCHMARKING

Benchmarking designed for continuous improvement

AIVOM™ benchmarks the operation against maintained operating states, its own earlier baseline and the value and performance goals it set out to achieve. The emphasis is on internal continuous improvement rather than broad peer comparison. AI is placed differently in every operation, so headline comparison between organisations can obscure more than it reveals unless that context is properly controlled.

Current position
Where the operation stands against the latest AIVOM™ states.

Progress from baseline
What has moved since the earlier reading and whether the priorities have changed.

Performance against goals
Whether AI is producing the value and operating impact the operation set out to achieve.

VERSIONING AND GOVERNANCE

A living reference, governed over time

AI-enabled operating practice will continue to move, and AIVOM™ is designed to move with it. The four dimensions provide the stable architecture, the twenty sub-dimensions are maintained and the component layer can expand as new operating requirements emerge. Each new reading uses the latest AIVOM™ reference so the operation is read against current expectations, while the earlier reading remains its baseline. Where the reference has changed materially, AIVOM™ separates movement in the operation from movement in the reference and uses a valid crosswalk where one is available. The architecture stays recognisable, the reference keeps moving and the operation keeps moving with it.

One system, different depths of use

The free AI Operating Impact Briefing produces a first structured reading: the Loop State, the four-dimension profile, priority areas and one place to begin. The AI Operating Impact Roadmap works through the priority areas in depth and includes the detailed System Architecture companion. The AIVOM™ Platform, in development, will run the architecture as an ongoing management cycle with recurring readings and progress against the baseline.

CONTINUE

Explore the architecture at **envisago.com/aivom-architecture** · Start your free Briefing at **aivom.envisago.com**