

SPES

C O N S T I T U T I O N

*To increase human rationality where uncertainty
cannot be eliminated.*

D E T E R M I N I S T I C • T R A C E A B L E • A U D I T A B L E

I

S E C T I O N O N E

The foundation

SPES is born of a conviction:

Rationality can increase even when certainty does not.

Uncertainty is not a defect of human knowledge. It is the normal condition under which people, organizations and institutions must decide.

The purpose of SPES is to develop ever more rigorous ways of producing rationality within that uncertainty.

Rationality is the foundation of SPES. Everything else exists to make it possible.

II

S E C T I O N T W O

The method

SPES holds that reasoning under uncertainty does not depend exclusively on intuition or on individual talent.

There exists a procedure capable of being described, disciplined, executed and audited. That procedure constitutes the method of SPES.

The method does not belong to any particular profession. It may be applied to law, to medicine, to consulting, to scientific research, or to any field where decisions must be taken under incomplete information.

The method endures. The applications change.

III

S E C T I O N T H R E E

The engines

The method needs to be executed. To that end SPES develops specialized engines.

The engines do not constitute the foundation of SPES. They constitute the way in which the method becomes operational. Each engine solves a distinct problem of the process of rationality.

Structuring engine

When reality admits of a structured representation, this engine builds it in a deterministic, traceable and auditable manner.

When such a structure does not yet exist, it may project one as a working tool.

And when the available evidence does not permit a sufficiently reliable representation to be built, it may dispense with it without compromising the rationality of the process.

Structure never constitutes an end. It is an instrument in the service of reasoning.

Rationality engine

This engine produces rational decisions using the best available representation.

It can work upon explicit structures, upon projected structures, or directly upon incomplete information when no structure proves justifiable.

Its objective is not to produce answers. Its objective is to produce better-grounded decisions.

IV

S E C T I O N F O U R

The technology

Artificial intelligence does not constitute the foundation of SPES. Neither does it constitute its method.

Artificial intelligence is the technology that today makes it possible to execute that method with a speed, a scale and a capacity for control previously unattainable.

If a superior technology were to exist tomorrow, the method would remain. Only the manner of executing it would change.

For this reason SPES is not defined by any particular technology. It is defined by the rationality that such technology makes possible.

V

S E C T I O N F I V E

The verticals

The various verticals of SPES are not independent products. They constitute particular applications of the same method upon different domains.

Each vertical incorporates the knowledge proper to its discipline. All share the same foundation, the same method and the same architecture of execution.

The diversity of applications does not fragment the system. It confirms it.

VI

S E C T I O N S I X

The relationship with the professional

SPES does not replace professional judgement. It strengthens it.

The professional retains the decision. SPES seeks to ensure that such decision is taken with greater structure, greater traceability, greater control and greater rationality than would be available without the method.

Responsibility remains with the one who decides. The function of SPES consists in improving the conditions under which that decision is taken.

VII

S E C T I O N S E V E N

The evolution

SPES considers that every method may be perfected. No implementation constitutes a point of arrival.

Each new application, each audit and each experience enriches the method without altering its foundation.

Technological evolution modifies the engines. Experience perfects the method.

But the foundation remains invariable:

*To increase human rationality where uncertainty
cannot be eliminated.*