

P.G.E.® Method

Structured Framework for Traceable Analysis of Complex Decision-Making Systems

Methodological Approach Based On:

- verifiable data
- analytical traceability
- separation between facts, interpretation, and analysis

Nature of the Methodological Framework:

- does not constitute an operational procedure
- does not produce decisions
- operates on the process, not on the event
- distinguishes analysis, decision, and responsibility

Problematic

Objective of the Framework:

- to structure the analysis of complex decision-making systems
- to distinguish facts from interpretations
- to guarantee the traceability of analytical reasoning

Decision-making and investigative systems often present:

- data fragmentation
- confusion between facts and interpretations
- lack of traceable analytical processes

Description of the Methodological Framework

Function of the Framework:

- to organize data according to defined criteria
- to structure analytical reasoning
- to allow the construction of coherent scenarios
- to make explicit the limitations of the process

The P.G.E.® Method is a structured analysis model based on:

- identification of criteria
- collection and classification of data
- logical organization of information

- analysis through structured matrices
- weighting of elements
- scenario construction
- recalibration of analytical reasoning

Fundamental Principles

- separation between facts, interpretation, and technical analysis
- traceability of the analytical process
- verifiability of data and conclusions
- logical consistency and reproducibility

Analytical Results

Nature of Results:

- results based on verifiable data
- explicit distinction between facts and evaluations
- indication of analytical limits

The P.G.E.® Method allows for the production of structured analyses based on verifiable criteria, with a clear distinction between:

- established facts
- sources of information
- technical evaluations
- limits of the analysis

Classification of Results

Analytical conclusions can be classified as:

- Compatible
- Incompatible
- Non-verifiable
- classification based on methodological compatibility
- absence of decision validation

Areas of Application

Application Framework:

- applicable in complex decision-making contexts
- used for structured analysis of situations
- integrated into evaluation and reconstruction processes

The P.G.E.® Method is applied in:

- analysis of complex events
- technical reconstruction of situations
- evaluation of documents and information
- analysis of decision-making systems
- methodological support in forensic and investigative contexts

Limits of Application:

- not applicable as an operational tool
- not intended for direct decision-making
- depends on the availability of data

Institutional Relevance

Positioning:

- framework compatible with institutional contexts
- support for analysis in decision-making processes
- contribution to transparency and traceability

The P.G.E.® Method can be applied in institutional and decision-making contexts to:

- improve traceability of decision-making processes
- reduce biases in information analysis
- structure the evaluation of complex situations
- enhance analytical transparency in organizational systems

Scope:

- does not replace normative frameworks
- is part of a methodological use
- respects the functional limits of systems

Approach

The application of the methodological framework allows for:

- identification of inconsistencies between data and interpretations
- structuring of analysis in a traceable manner
- reduction of uncertainty in decision-making processes

Purpose of the Approach:

- to reduce analytical uncertainty
- to improve the coherence of the process

- to ensure the readability of reasoning

Analytical Conditions:

- consistency between data and criteria
- verifiability of analyzed elements
- explicitness of limits

Documentation

A complete and detailed version of the methodological framework and professional activities is available in Italian.

Access to Documentation:

- complete documentation available upon request
- access reserved for professional contexts
- transmission framed according to needs

Contacts

Access Modalities:

- access upon request
- prior assessment of context
- reserved for professional and institutional use

✉ securityverona@securityverona.eu

☎ +39 377 083 3384