



ISA United

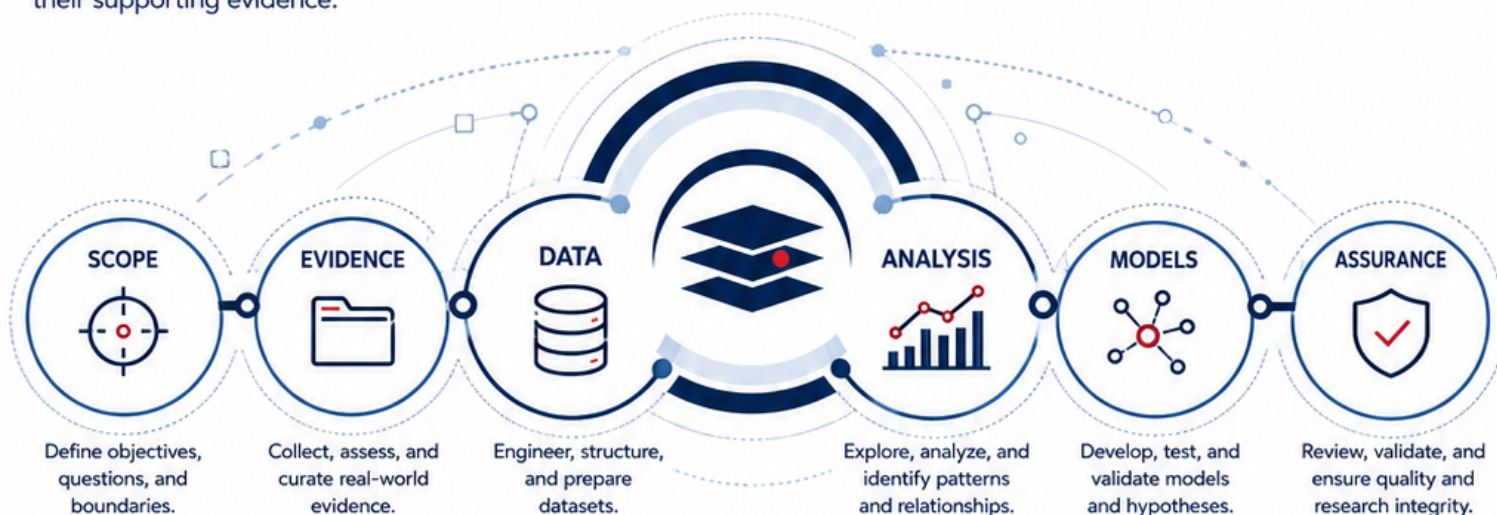
PatternArc
 RESEARCH SYSTEM

PatternArc Research System

Turning real-world evidence into defensible research findings.

PatternArc is the applied research and analytical system used by the ISAUnited Technical Research Center to conduct structured cybersecurity, technology, industry, and risk research. It brings research design, evidence development, data engineering, analysis, modeling, validation, and human review together within one governed research process.

PatternArc combines research methodology with a supporting research technology environment, giving our teams the ability to organize large bodies of evidence, develop analytical datasets, identify patterns, test models, preserve research lineage, and produce findings that can be traced back to their supporting evidence.



Scope → Evidence → Data → Analysis → Models → Assurance → Findings



Evidence-Driven

Research begins with observable, supportable, and traceable evidence.



Structured & Repeatable

Defined methods create consistency across research projects and Task Groups.



Technology-Enabled

Research software supports evidence management, data processing, analytics, validation, modeling, and visualization.



Human-Governed

Researchers remain responsible for verification, interpretation, professional judgment, and final findings.

“ Technology supports the process. Methodology governs it. ”

How PatternArc Works

PatternArc provides a governed research process for transforming real-world evidence into structured data, analytical insights, and defensible findings. The system combines applied research methods, analytical models, and supporting technology while preserving provenance, quality assurance, and accountable human review throughout the lifecycle.



Software-Enabled Research

PatternArc is supported by a dedicated research technology architecture designed for evidence management, analytical processing, model development, validation, lineage, workflow automation, and research reporting.



The software enables the research environment; it does not determine the research conclusions.

What PatternArc Can Support

- Cybersecurity and technology research
- Industry and sector studies
- Comparative assessments
- Longitudinal analysis
- Analytical and scoring models
- Standards-related research
- Commissioned research engagements
- PatternArc Research Task Groups

“ PatternArc gives the ISAUnited Technical Research Center a repeatable foundation for moving from evidence to data, data to analysis, and analysis to defensible findings. ”



Explore the Technical Research Center

Learn more about our mission, programs, and research capabilities.



Access the PatternArc Technical Whitepaper

Available in the ISAUnited Digital Library.