

# Strategic Modernization Assessment

Evolve your IT faster with an actionable blueprint ready in weeks—not months

Application portfolios are often complex, poorly documented, and difficult to prioritize. Yet leaders need confidence and clarity before they commit to expensive modernization or replacement initiatives. Without clear evidence, modernization decisions become reactive, risky, and difficult to justify, leading to stalled initiatives and wasted investment.

**Ensono's Strategic Modernization Assessment (SMA)** uses AI-assisted code analysis to reverse-engineer your applications and understand what they actually do. Our experts then validate findings with your team and provide a fact-based path forward—in a fraction of the time traditional assessments take, and with far more precision.

## Why Ensono



### Deep hybrid experience & expertise

Proven track record delivering modernization across mainframe, Power, cloud, and complex hybrid environments with legacy and modern languages.



### AI-driven intelligence

Advanced code analysis that reverse-engineers applications, extracts functionality, assesses security vulnerabilities, and maps dependencies—even without documentation.



### Evidence-based approach

Every recommendation verified against source code, not tribal knowledge.



### Proven methodology

Four-phase approach combining business alignment with technical depth for actionable strategically-aligned outcomes.

## How It Works

Our proven four-phase approach turns portfolio complexity into clarity, with comprehensive deliverables designed for action:

- 1 Define goals & drivers**  
 Align stakeholders on business objectives, pain points, and success measures through collaborative workshops.
- 2 Analyze current state**  
 Reverse-engineer applications through AI-driven source code analysis to extract architecture, identify dependencies, assess security risks, and quantify technical debt—delivering a comprehensive technical pack for each application.
- 3 Rationalize & strategize**  
 Determine disposition for each application (Tolerate, Invest, Migrate, Eliminate), with value-versus-effort analysis, plus a recommended modernization approach (Rehost, Refactor, Replace, etc.),
- 4 Build strategic roadmap**  
 Deliver a prioritized, value-focused and sequenced roadmap with transitional states, quick wins, long-term initiatives, and high-level cost ranges—ready for executive approval and investment.



## Ensono helps you...

## So you can...



**Gain clarity & confidence**

Make modernization decisions with certainty, not guesswork



**Reduce risk**

Identify security vulnerabilities, technical debt, and single points of failure before they impact operations



**Accelerate decision-making**

Move from months of discovery to just weeks with AI-driven full-portfolio analysis



**Align to business goals**

Prioritize initiatives that deliver agility, cost optimization, resilience, and competitive advantage



**Secure investment**

Present a board-ready business case with clear ROI

### Traditional assessments



Months of discovery



Stalls without SME access or documentation



Subjective, opinion-driven



Surface-level security review

### Ensono's SMA



Weeks to actionable roadmap



Works from source code alone



Objective, evidence-based



Comprehensive vulnerability assessment

### Start your modernization journey with confidence

Ready to replace complexity with clarity? Get your fact-based modernization roadmap in weeks. Contact your Ensono representative or visit [ensono.com](https://ensono.com) to learn more.

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