

Accelerate Transformation With ZenseAI Middleware Modernization Factory

Why modernize now?

Rising licensing costs

Legacy middleware platforms are increasingly difficult to sustain as licensing costs rise.

Shrinking specialist talent

Limited specialist talent makes legacy integration ecosystems harder to maintain.

Growing integration complexity

Complex dependencies increase the effort and risk of modernization.

Introducing ZenseAI

ZenseAI Middleware Modernization Factory helps enterprises rapidly modernize legacy integration ecosystems with AI and move to cloud-native, API-first, and event-driven architectures.

What it delivers

- Middleware assessment and discovery
- Domain-led modernization planning
- API-first and event-driven target architecture
- Cloud migration roadmap and implementation
- Testing, validation, and cutover support

How ZenseAI supports the modernization lifecycle

01 ASSESS AND DISCOVER

- Middleware estate discovery and inventory
- Integration flow and dependency mapping
- Business-rule extraction and reverse engineering
- Modernization readiness assessment

02 PLAN AND ARCHITECT

- Domain-led modernization strategy
- API-first and event-driven target architecture design
- Business case and licensing-cost reduction analysis
- Cloud migration roadmap development

03 MIGRATE AND TRANSFORM

- WebMethods, IBM IIB, TIBCO, Oracle SOA, and ESB modernization
- Cloud-native integration implementation
- Testing, validation, and cutover support
- API, MQ, JMS, SOAP, and EDI transformation

40–60%

lower total
cost of ownership

3×

faster
delivery cycles

40–70%

automation of
integration conversion

100%

functional parity with
an API-first, event-driven,
cloud-native foundation

Proven modernization outcomes

De-risking a Large-scale HPE NonStop Azure Modernization	Large-scale Multi-year Modernization
Client: A Fortune 500 insurance and risk management company. Solution Accelerated legacy application modernization using ZenseAI's multi-agent AI factory to automate discovery, business-rule extraction, code generation, and testing. Impact 100% functional parity, ensuring a risk-free transition to the modern platform; critical business logic preserved while enabling a scalable, future-ready architecture.	Client: A leading African insurance provider. Solution Using Zensar's ZenR2F (Rapid Risk-Free) framework, the client modernized multiple mission-critical insurance and financial applications, enabling cloud-native operations, process automation, enhanced user experiences, and uninterrupted business support. Impact 800+ legacy programs modernized; 70+ applications decommissioned, significantly reducing technical debt; legacy data complexity reduced by 70%, improving maintainability and system performance.

Zensar Services

Cloud, Infrastructure,
and Security Services

Application Services

Artificial Intelligence

Quality Intelligence

Data Engineering and
Analytics Services

Marketing and
Engagement

Product and Platforms

Ready to modernize your middleware estate?
Connect with our experts: mcs-isg@zensar.com

150+ pre-built agents | 2,180 external certifications
30+ lifting legacy systems with AI