Deploy AI with confidence before go-live

KPMG's AI Real Time System Assessment (RTSA) helps organizations identify AI risks early, strengthen governance and improve control readiness before go-live.

What is AI RTSA

AI Real Time System Assessment is an independent pre-implementation assessment of AI-enabled systems and processes.

Unlike traditional reviews performed after deployment, RTSA provides real-time insight during design, implementation, and testing when issues can still be addressed efficiently and cost-effectively.

Think of RTSA as AI risk and control readiness delivered in real time

WHY organizations are turning to AI RTSA

Organizations are scaling AI fast—often faster than their governance and controls.

Key pressures RTSA addresses:

- Regulatory scrutiny (e.g., EU AI Act, data privacy, sector rules)
- Audit and financial reporting risk from AI driven processes
- Trust & governance expectations from boards and stakeholders
- Operational resilience and avoidance of post go live surprises
- Responsible AI expectations (transparency, accountability, human oversight)

WHEN AI RTSA creates the most value

AI RTSA delivers the greatest value when engaged early in transformation initiatives, including:

- New AI or GenAI implementations
- AI embedded into ERP, finance and core operational systems
- Major model changes, retraining, or new data sources
- Pre-deployment and audit readiness phases
- AI governance or risk framework enhancements
- Anticipated regulatory or supervisory attention

WHAT you gain with AI RTSA

- Early visibility into critical risks and control gaps
- Clear, prioritized recommendations aligned to implementation timelines
- Improved readiness for audits and regulatory reviews
- Stronger confidence in AI-enabled decision-making
- Smoother go-live with fewer surprises
- Greater trust among leadership, regulators and stakeholders

What AI RTSA assesses

AI RTSA evaluates risk and control readiness across the full AI lifecycle.

AI governance & oversight
Roles, accountability, policies, decision rights

Risk management & controls
Entity level controls, process controls, IT controls

AI development & lifecycle
Model design, training, validation, change management

Deployment & monitoring
Human in the loop, performance monitoring, drift

Data & integrity
Data sourcing, quality, bias, lineage, explainability

Cybersecurity & third party risk
AI specific threats, vendors, cloud/model providers

Regulatory & compliance readiness
Alignment with current and emerging AI regulations

Why KPMG

KPMG combines expertise across AI, governance, risk, controls and assurance to help organizations deploy AI with confidence. Our AI RTSA approach combines:

- Proven Real Time System Assessment (RTSA) methodology
- Deep experience at the intersection of AI, controls and assurance
- Strong understanding of regulatory expectations
- Global capabilities with local market delivery

AI RTSA is structured as a permissible non-assurance service, providing valuable implementation insight while preserving auditor independence.

Ready to assess your AI risk before go-live?

Moving fast matters. But moving fast without control creates costly risk.
Let's discuss how to deploy AI with confidence.
Contact our AI Risk Team to learn more.



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