

Systematic Literature Review for Enterprise Evidence Operations

Customer

Clinical team at a top 15 pharmaceutical manufacturer.

Objective

Deploy an AI-enabled platform to process high volumes of medical literature after internal development proved costly and unsuccessful.

Scope

Review diverse literature across ten therapeutic areas, with Ovid and iMedical Search integration, single sign-on, and access for internal teams and CRO partners. Living Review monitoring kept completed reviews current.

Approach



Platform Design and Integration: MadeAi-LR was configured for direct use by internal teams and CRO partners, with connections to existing systems.



AI-Assisted Screening: Title and abstract screening used PICOS and keyword criteria to identify relevant studies.



Evidence Synthesis: AI-supported Article Summaries, Evidence Synthesis, and Clinical Overview Report drafts.



Living Literature Review: Automatic monitoring helped teams identify new evidence and keep completed reviews current.



Expert Validation and Governance: MadeAi SMEs guided validation workflows, platform optimization, and user feedback.



Enterprise Enablement: Training and ongoing support helped internal employees and service providers adopt the platform.

Results

Accuracy	Time Savings	Cost Effectiveness	Scalability
90%	40%	Lower operational costs	Deployed across multiple therapeutic areas