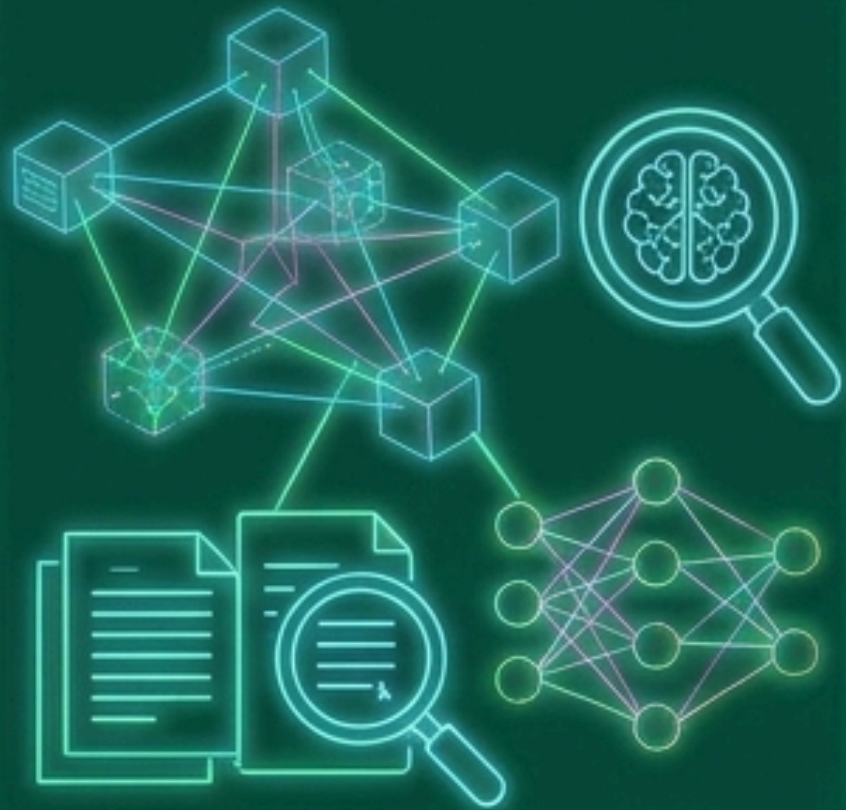


ContractAI – Dispute Predictor & Simulator

**AI-Powered Contract Risk Intelligence & Decision
Support**

UniContractAI: End-to-End Contract Risk Prediction Platform

AI Contract Analysis



DEEP CLAUSE EXTRACTION

- Extracts clauses and evaluates risk signals
- Identifies high-risk areas (e.g., liability, delays, ambiguity)
- Identifies high-risk areas (e.g., liability, delays, ambiguity)



RISK SIGNAL EVALUATION

TIMELINE RISKS FORECAST FLUIDITY

Dispute Probability Prediction

- Calculates likelihood of disputes & arbitration



LIKELIHOOD CALCULATION



RISK SCORING UPDATE

- Calculates likelihood of disputes & arbitration
- Estimates financial exposure and legal cost

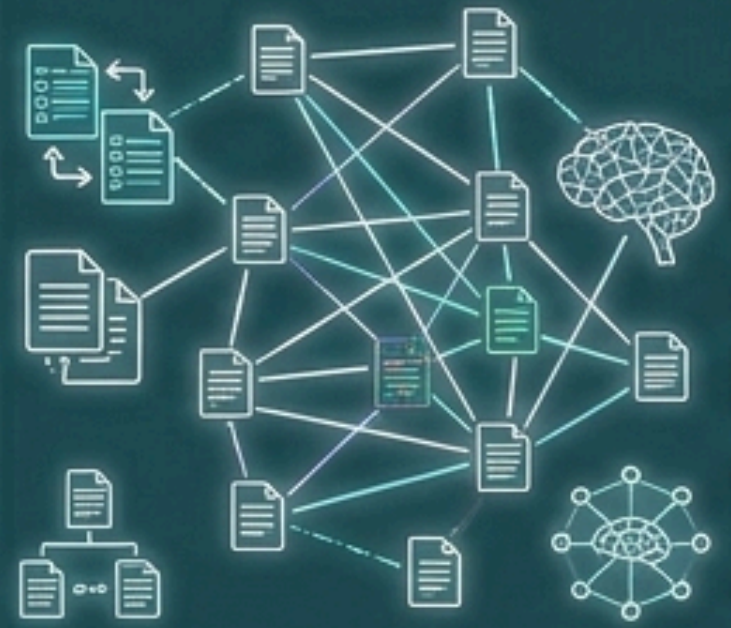


FINANCIAL & LEGAL EXPOSURE

STRATEGY MEMORY HUB

Clause-Level Risk Insights

- Highlights risky clauses (e.g., Liquidated Damages)
- Provides "what-if" and counterfactual analysis



WHAT-IF SCENARIOS

- Highlights risky clauses (e.g., Liquidated Damages)
- Provides "what-if" and analysis

GNN-POWERED ANALYSIS

CONCEPT EMBEDDINGS

Risk Breakdown



- Automatically rewrite clauses to reduce risk
- Data-driven financial and operational decisions

CLAUSE OPTIMIZATION



LEGAL TEAM EMPOWERMENT
Improved cross-functional communication
Faster, collaborative approvals
Unified data-driven approach

SUPPLIER RISK HEATMAP

- Financial, Operational, Legal, Geopolitical factors
- Clear visibility into root causes of disputes



ROI ESTIMATION ₹ ⌚ %

- Unified Execution ensures that legal strategy is instantly reflected in your financial operations

ROI ESTIMATION ₹ ⌚ %

UNSTABLE WINDOWS

BUSINESS VALUE

FINAL POSITIONING: UNIFIED STRATEGY MEMORY IS NOT CLM: IT IS AI-POWERED RELATIONSHIP & RISK OPTIMIZATION

UniContractAI: Advanced Simulation & Intelligence

Dynamic Scenario Modeling & Risk Visualization

Risk Graph (2D/3D)

BAYESIAN NETWORK

- 60-node Bayesian network of interconnected risks
- Visualizes risk propagation across supply chain & contracts

MULTIML EMBEDDINGS

RISK PROPAGATION ACTION TRIGGERS EVENT MONITORING AUTO-POLICY

₹ ⌚ % 🧠

Scenario Simulation

REACTIVE APPROACH

ARBITRATION EXPOSURE

	What Metr.	What War	Financial Crises	Suoplier Risk
Jan	██████████	██████████	██████████	██████████
Feb	██████████	██████████	██████████	██████████
Mar	██████████	██████████	██████████	██████████
Apr	██████████	██████████	██████████	██████████
Apr	██████████	██████████	██████████	██████████
May	██████████	██████████	██████████	██████████

- Test real-world scenarios:
- War & geopolitical escalation
- Supply chain disruption
- See impact on dispute probability and cost

ARBITRATION EXPOSURE UNIFIED EXECUTION SUPPLIER RISK HEATMAP

📊 🧠 📈 📊 📈 📊 %

Digital Twin

- Simulates full contract lifecycle
- Predicts delays, disputes, and value erosion

Digital Twin

STRATEGY MEMORY HUB

₹ ⌚ %

DIGITAL TWIN DIGITAL TWIN FULL LIFECYCLE

Full Lifecycle Operational Delay

Time Travel Simulation

High Risk

MAR
APR
MOE
MIR

FX Spike FX Spike Supplier Redline

DEC
OCT
NOV
JAN

Supplier Redline

High Risk

MONTH-BY-MONTH EVENT INJECTION

- Forecast risk evolution over contract lifecycle
- Month-by-month risk onnding
- Month-by-month risk tracking and event injection

SIMULATION OUTCOMES TIMELINE RISKS FORECAST FLUIDITY UNSTABLE WINDOWS

GNN-POWERED FORECASTING

FINAL POSITIONING: UNIFIED STRATEGIC MEMORY IS NOT CLM: IT IS AI-POWERED RELATIONSHIP & RISK OPTIMIZATION

UniContractAI: Optimization & Decision Intelligence

NEGOTIATION SIMULATOR (MCTS)

NEGOTIATION SIMULATOR

- AI-driven negotiation strategies
- Optimizes terms like price, liability, delivery

MULTIM EMBEDDINGS

₹ ⌚ % 🧠

ACTION TRIGGERS **EVENT MONITORING** **AUTO-POLICY**

REINFORCEMENT LEARNING OPTIMIZER

REINFORCEMENT LEARNING

- Automatically improves contract parameters
- Reduces dispute risk and financial exposure

RISK MITIGATION **FINANCIAL EXPOSURE** **STRATEGY MEMORY HUB**

₹ 🗣️ %

Scenario confidence Probability

MULTI-AGENT AI

REACTIVE APPROACH

ARBITRATION EXPOSURE

	What Mlar	What War	Financial Crises	Supplier Risk	What-if Risk
Jan	██████████	██████████	██████████	██████████	██████████
Feb	██████████	██████████	██████████	██████████	██████████
Mar	██████████	██████████	██████████	██████████	██████████
Apr	██████████	██████████	██████████	██████████	██████████
Jan	██████████	██████████	██████████	██████████	██████████
May	██████████	██████████	██████████	██████████	██████████

Collaborating agents:

MiniLM EMBEDDINGS

₹ ⌚ %

MULTI-AGENT AI NEGOTIATION DYNAMICS **COLLABORATIVE DECISIONS**

LEGAL PRECEDENT MATCHING

- Predicts outcomes based on past arbitration cases
- Provides win negotiation dynamics
- Predicts outcomes based on past arbitration cases
- Provides win expected awards

SIMULATION OUTCOMES **TIMELINE RISKS** **FORECAST FLUIDITY** **UNSTABLE WINDOWS**

₹ ⌚ %

FINAL POSITIONING: UNIFIED STRATEGIC MEMORY IS NOT CLM: IT IS AI-POWERED RELATIONSHIP & RISK OPTIMIZATION