

AI-Powered Regulatory Compliance Checker for Contracts

Transforming contract management through intelligent automation and comprehensive regulatory compliance across multiple jurisdictions





Why?

The Challenge

Contract compliance across regulatory frameworks like GDPR and HIPAA requires extensive manual review, creating bottlenecks and compliance risks for enterprises.

Our Solution

An advanced AI system that automates contract review and updating, ensuring seamless compliance with regulatory standards across various jurisdictions.



Key Project Outcomes

Automated Compliance Checking

Comprehensive review across multiple regulatory frameworks including GDPR, HIPAA, and emerging data protection laws

Real-Time Risk Assessment

Instant identification of compliance gaps with context-based clause recommendations and remediation strategies



Clause Identification & Risk Analysis Engine

01

Automated Clause Detection

Advanced NLP algorithms identify and categorise key contractual provisions across document types

02

Regulatory Mapping

Each clause is mapped against relevant regulatory requirements and compliance standards

03

Risk Scoring

Potential compliance risks are assessed and scored based on regulatory requirements and jurisdictional variations

Regulatory Framework Examples

GDPR Compliance



HIPAA Compliance



- Data processing consent clauses
- Right to deletion provisions
- Cross-border data transfer terms
- Breach notification requirements

- Protected health information handling
- Business associate agreements
- Security safeguard provisions
- Access control requirements



Data Collection Procedure

Document Ingestion

Secure upload and processing of existing contract portfolios across multiple file formats

1

Training Dataset Development

Anonymised contract data used to train machine learning models whilst maintaining client confidentiality

2

3

4

Regulatory Database Integration

Continuous updates from official regulatory sources and legal databases to maintain current compliance standards

Validation & Testing

Rigorous testing protocols with legal experts to ensure accuracy and reliability of compliance recommendations