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(57) Abstract :

The present invention discloses a cloud-supported platform for secure digital contract management comprising user access interface (101), encryption engine (102), blockchain ledger (103), contract lifecycle manager (104), compliance monitoring module (105), cloud storage system (106), and audit trail generator (107). The system ensures secure drafting, negotiation, execution, and lifecycle management of contracts by combining encryption and blockchain-assisted validation. AI-driven compliance checks and scalable cloud storage enhance reliability, transparency, and efficiency. The invention provides an integrated, tamper-proof, and trustworthy environment for managing contracts across industries.

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