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(57) Abstract :

The invention discloses a cloud-based system (100) for automated software license management, comprising a Centralized Dashboard (110), License Inventory Repository (120), Compliance & Audit Module (130), Optimization Engine (140), Notification & Alert Module (150), and Integration API Layer (160). The system enables real-time monitoring, compliance enforcement, license optimization, and predictive analytics. By integrating with enterprise workflows and vendor platforms, the invention ensures cost savings, audit readiness, and scalability across distributed environments. It reduces manual workload, optimizes software investments, and ensures regulatory compliance effectively.

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