

Introduction

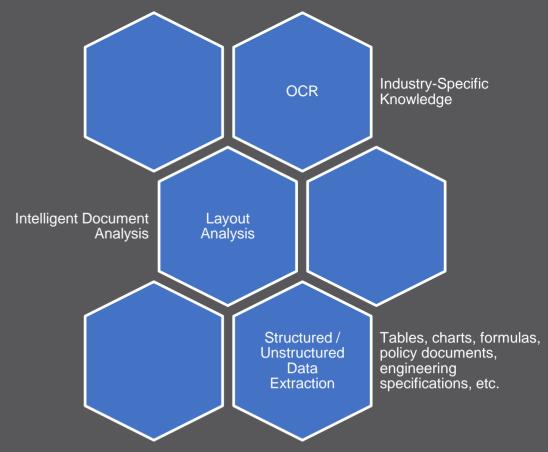
C&T's AI-Powered Document Management and Processing solution automates the handling of unstructured data, such as government reports and administrative documents, through advanced technologies.

Current Situation

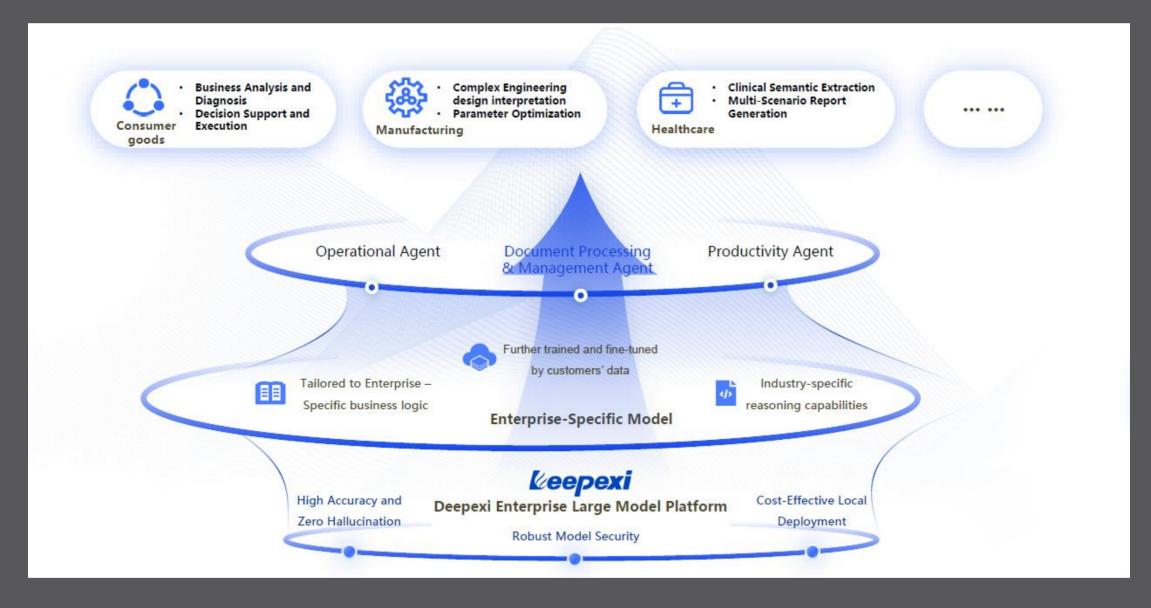
 Current document management processes in government often rely on manual classification, scanning, and data entry, which are inefficient, prone to errors, and consume significant time and resources. This can lead to delays in service delivery reduced productivity, and increased operational costs. Additionally, difficulties in extracting and analyzing information from unstructured documents hinder data driven decisionmaking.

Our Goal

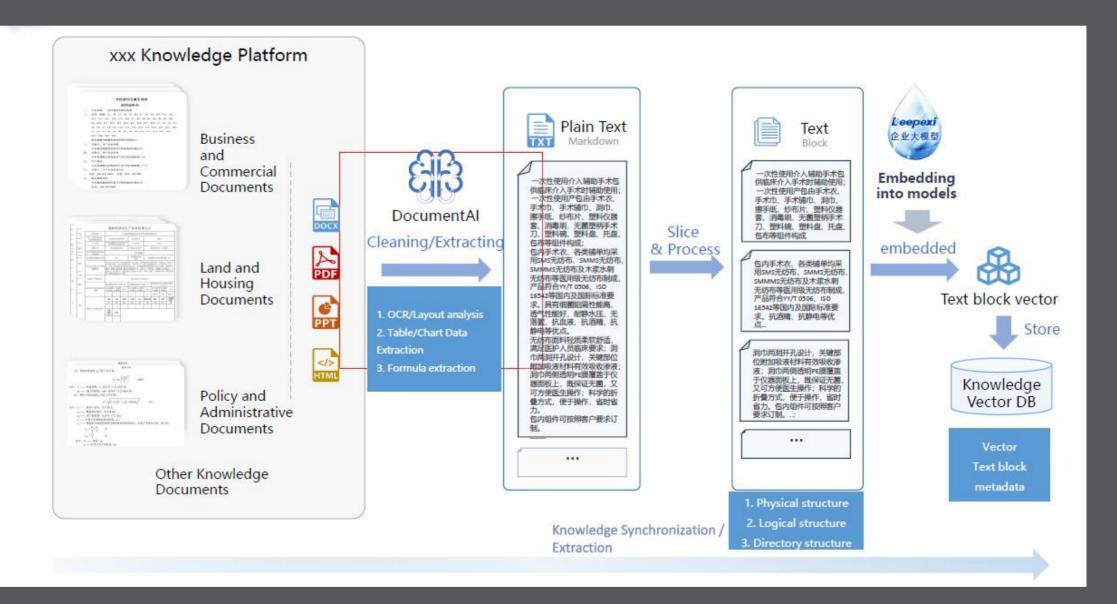
 We aim to provide a solution that automates document management and processing using AI. This will minimize manual intervention, enhance efficiency, reduce errors, and free up government staff to focus on higher-value activities. The solution aims to improve the accessibility and usability of document data, supporting better service delivery and informed policy decisions.



End-To-End Enterprise LLM



Document Management & Processing Agent

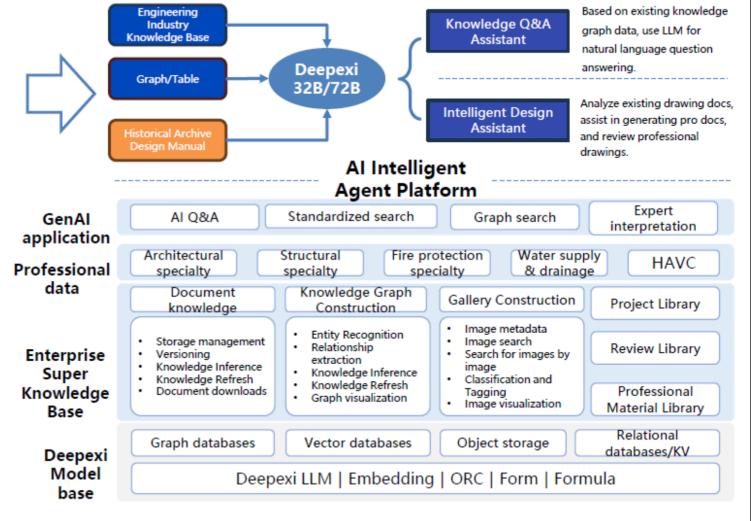


Al Intelligent Agent Platform

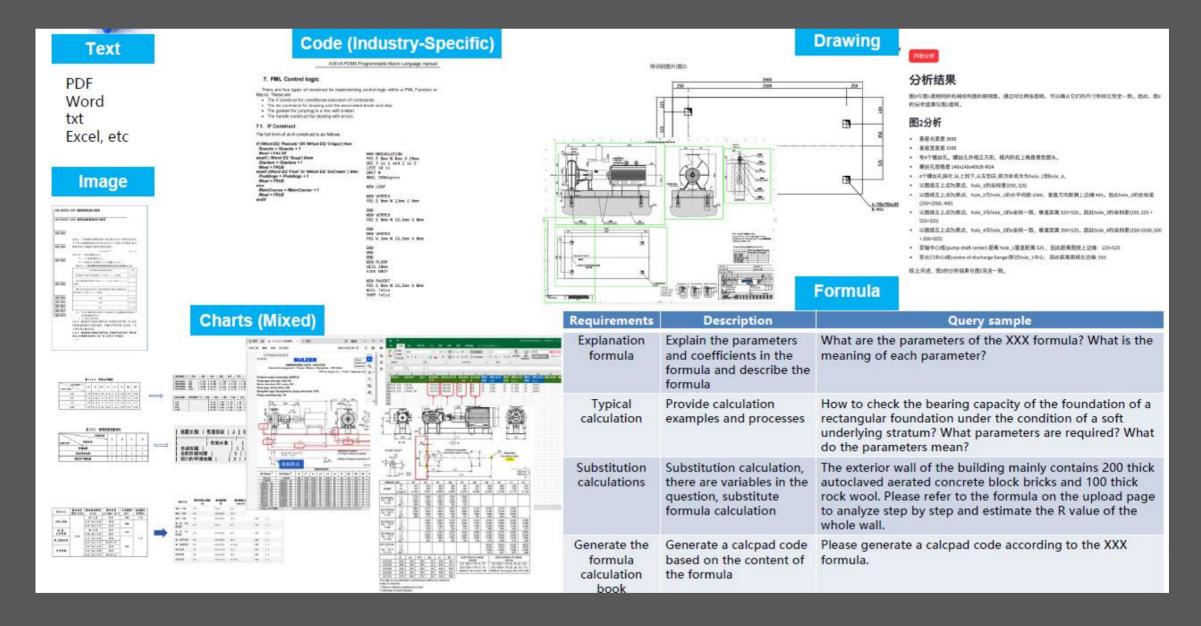


Corpus data: Architectural engineering specifications, codes, drawing collections, etc., with a total of 85GB of documents.

| | Deepexi | Gouli | |
|--|---|---|--|
| Architectural Standards and Specifications | procured | Fairly well-prepared Rather complete | |
| Architectural Atlas | procured | | |
| Retrieval ability | LLM RAG | Traditional full-text retrieval | |
| Audit scenarios | Multi-modal Model Intelligent Drawing Review | Manual audit Traditional Knowledge Graph Manual processing | |
| Knowledge Graph | Graph-RAG Generated by model | | |
| Knowledge Q&A | Fine tune + GraphRAG | Simple RAG | |
| Model Training and Fine-tuning | CPT/SFT | Not supported | |
| Corpus processing | Automatic processing of small models | Manual processing | |



Al Document Analysis





Customer Case

Bank Credit Review Report

Pain points of demand

- Compliance Assurance
- Real-time Updates
- · Cross-industry Proficiency
- Cross Reference
- Accurate Identification

Solution (Al article-by-article analysis)

| Credit risk Pre- Classification Is the level of guarantee reduced? Has risk exposure increased? Time to the last round of Head Office approval for main credit facilities Risk warning notification Bond credit risk screening report Automatically Generated Credit risk Review automated | | | | |
|--|---------------|---------------------------------------|--|--|
| Credit risk Pre- classification Evaluation Is the level of guarantee reduced? Is there any change in the main to of the credit? Approval or otherwise of the Grocustomers' requests for principal facilities Time to the last round of Head Office approval for main credit facilities Within the scope of the license? Automatically generated fields Credit risk pre-classification Review automated assessment results of approval pages. | | Analysis of Risk Alert Mechanism | | |
| Pre- classification Has risk exposure increased? Time to the last round of Head Office approval for main credit facilities Risk warning notification Bond credit risk screening report Automatically generated fields Credit risk pre-classification Review automated assessment results of approval pages. | | | Whether the risk classification remains normal or is downgraded | |
| Classification Has risk exposure increased? Time to the last round of Head Office approval for main credit facilities Risk warning notification Automatically generated fields Has risk exposure increased? Time to the last round of Head Office facilities Within the scope of the license? Risk warning notification Bond credit risk screening report Review automated assessment results of approval pages. | Pre- | Is the level of guarantee reduced? | Is there any change in the main body of the credit? | |
| approval for main credit facilities Within the scope of the license? Risk warning notification Bond credit risk screening report Automatically generated Credit risk Review automated assessment results of approval particular. | | | Approval or otherwise of the Group's customers' requests for principal cred facilities | |
| Automatically generated Credit risk Review automated fields pre-classification assessment results of approval pa | | | | |
| generated Credit risk Review automated fields pre-classification assessment results of approval pa | Automatically | Risk warning notification | Bond credit risk screening report | |
| | generated | | Review automated assessment results of approval paths | |
| | | Automatic allocation of debt licenses | | |

Example of credit review report (letter review approval path chapter)

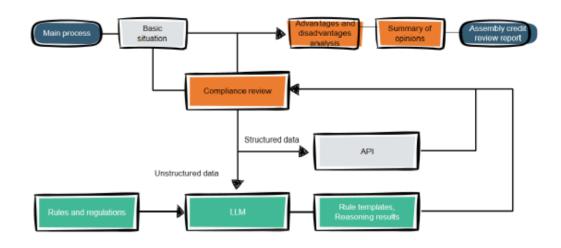
十. 由杏由州路径

对于已获得总行审批的常规公司/零售客户授信业务缐作、授权分行的审批应满足以下条件:

| 序号 | 操作政策 | 客户情况 | 是否符合 |
|----|--|--------------------------|------|
| 1. | 维持正常的风险分类,未发生降级(包括保证人,不包括细分分类的降级) | 本次拟分为正常 1 | 符合 |
| 2 | 担保水平未減少(減少指: 抵押/质押率提高、抵押/质押物的流动性降低、由抵押/ 质押转为保证或信用贷款、由保证转为信用贷款等) | 轮为信用免担保, 本轮同上 | 符合 |
| 3 | 授信主体未发生变动(指信敘人和保证人,不包括抵押/质押人;"支动"指端加强调整,不包括新端保证人) | 未变化 | 符合 |
| 4 | 风险敝口没有扩大 | 维持原鞭條作 | 符合 |
| 5 | 对于集团客户、主体授信必须已获得批准 | 集团投信已获批 | 符合 |
| 6 | 自上一轮总行审核主体授信至今的时间不超过两年 | 上一轮总行获批时间为 2023年6月12日 | 符合 |

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Al assistance: LLM (large model) + API (small model)



Bank Annual Report Generation

