



**SYNAPTIX**

DELIVERING REAL BUSINESS IMPACT WITH GENAI

# Transforming Physical Documents into AI Intelligence



**How AI-powered digitisation is enabling data-driven governance across 4,500 cities and towns**



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## At a Glance

A leading finance planning & analytics organisation deployed SynaptyX's SynStruct to digitise and standardise financial statements from local bodies across the country, powering advanced analytics.



### Industry

Public Finance



### Use case

Digitisation and standardisation of financial documents with automated data extraction and analytics enablement



### Goal

Enable better decision-making, analytics and data-driven governance



### Deployment

Cloud-based API integration completed in 4 weeks

**95%+**

extraction  
accuracy  
achieved

**80-85%**

reduction  
in manual  
effort

**60%**

faster  
financial  
reporting  
cycles

**4,500**

locations  
with better  
financial  
planning

# The Challenge

## **An army of Chartered Accountants manually processing thousands of statements**

The platform receives 50,000+ financial statements monthly from local bodies as scanned PDFs - balance sheets, income statements, cash flows - each in different formats and varying quality. Teams of Chartered Accountants spent weeks for manually extracting line items, converting them into standardised formats, and then attempting analysis.

## **The hidden cost of manual digitisation & analytics**

Teams spent weeks extracting & analysing data manually from submissions. Error-prone manual entry meant financial insights arrived too late for budget cycles. Worse, inconsistent formats across cities made comparative analysis impossible.

### **The impact:**

Days spent in manual digitisation & standardisation per location

No standardisation of documents across different cities

Critical financial data unavailable for analytics

# Why Traditional OCR Failed

## Standard solutions couldn't handle complexity

Traditional OCR achieved barely 60% accuracy on financial documents. Poor scan quality from tier 2 & tier 3 cities broke rule-based systems. Each city's unique format required custom configuration & standardisation to make it analytical ready.

## Organisation-specific challenges:

Handwritten annotations on printed forms

Multiple regional accounting standards

Low-resolution scans from tier-3 cities

Complex multi-page financial schedules

Mixed languages in single documents

Manual verification remained essential, defeating the purpose of digitisation. The client needed AI that could understand financial context, not just read characters.





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## The SynaptyX Solution

**Finance requires perfection. Every data point is extracted with accuracy and confidence scoring - because there's no margin for error in financial documents**

### Why Our Solution Worked:



#### **Universal Ingestion**

PDFs of any quality



#### **Advanced OCR & Multimodal Techniques**

Extraction optimised for financial documents



#### **Validation Engine**

Financial rules with confidence scoring



#### **Standardised Excel Based Formats**

Customised for the city needs



#### **All Financial Document Types**

Balance sheets, income statements, etc



#### **Row-by-row Confidence Scoring**

95% accuracy, flagged for review



#### **Validates Financial Logic**

Totals, cross-checks, etc



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## Delivers Precision and Protection



### Dual Layer Intelligence System

Enterprise-grade extraction with built-in verification. Identifies tables in any PDF format while maintaining institutional-quality oversight.



### Precision Threshold Technology

Intelligent Oversight Protocol flags anything below 95% confidence. This is why zero financial misstatements pass through.



### Security Lock Private Cloud Processing

Documents processed securely within SynaptyX cloud environment, isolated across users in separate containers during processing, and never used for model training.

### Proven Results:

- ✓ 95% Base Accuracy with intelligent validation on every extraction
- ✓ Zero compliance risk through enterprise-grade oversight thresholds
- ✓ Bank-grade security with isolated processing for each client



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# Beyond Finance

Having proven our capability in the zero-tolerance finance sector, **we can bring the same transformation to:**

## Insurance

Claims, policies, underwriting documents

## Banking

Loan applications, contracts, compliance forms

## Legal

Contracts, agreements, case files

## Healthcare

Medical records, insurance forms, lab reports

## Manufacturing

Quality certificates, shipping documents

**Same intelligence. Your documents. Your transformation.**



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# Transform your document operations

Leading organisations are already saving 800+ hours monthly with SynStruct. Your documents could be next.

## How It Works

Transform your PDF containing tabular data into Excel spreadsheet in just three simple steps

1



### Upload Your PDF

Simply drag and drop your PDF containing tables.

2



### AI Processing

Our advanced AI analyses your document, identifies tables, extracts data with high precision, and provides confidence score so you know which data to review.

3



### Download Excel

Receive your well-formatted Excel sheet almost instantly.

**Let's unlock the data trapped in your documents!**