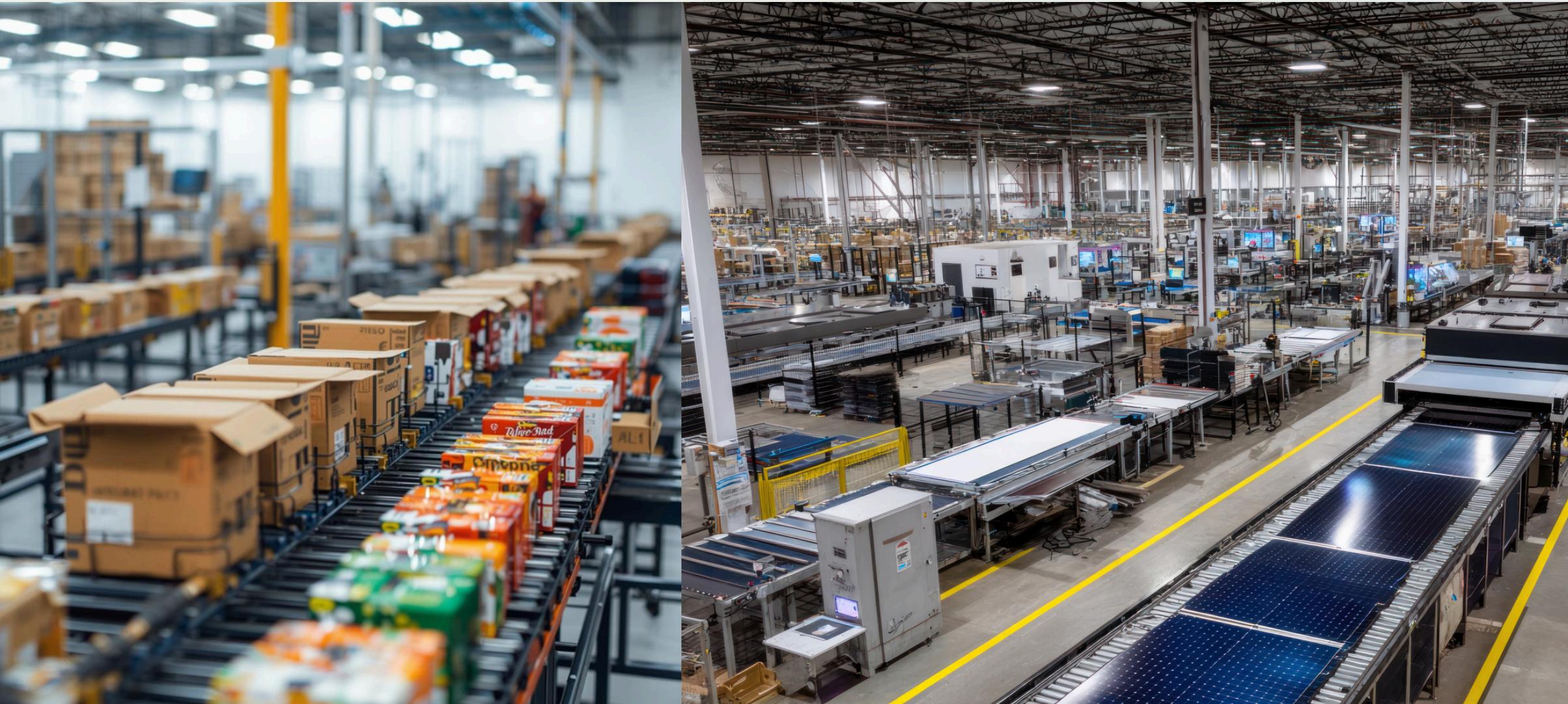




**SYNAPTIX**

DELIVERING REAL BUSINESS IMPACT WITH GENAI

# Manufacturing & CPG: Turning Data into Decisions



***Forecasts • Availability • Quality • Maintenance •  
Innovation***

***Short AI Projects. Quick Results.***

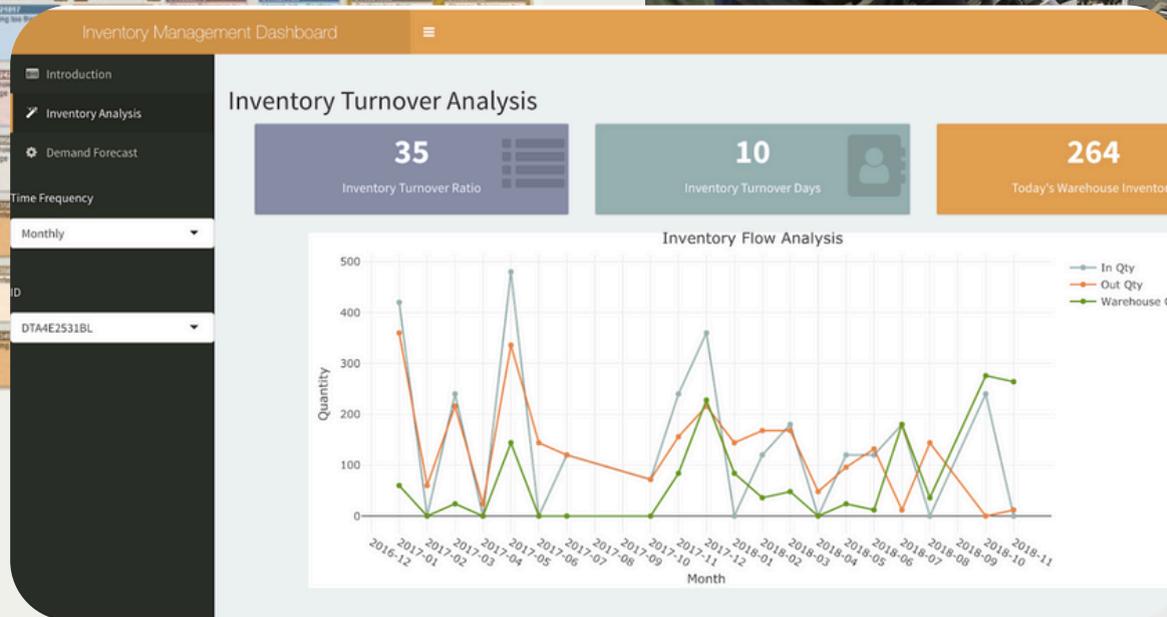
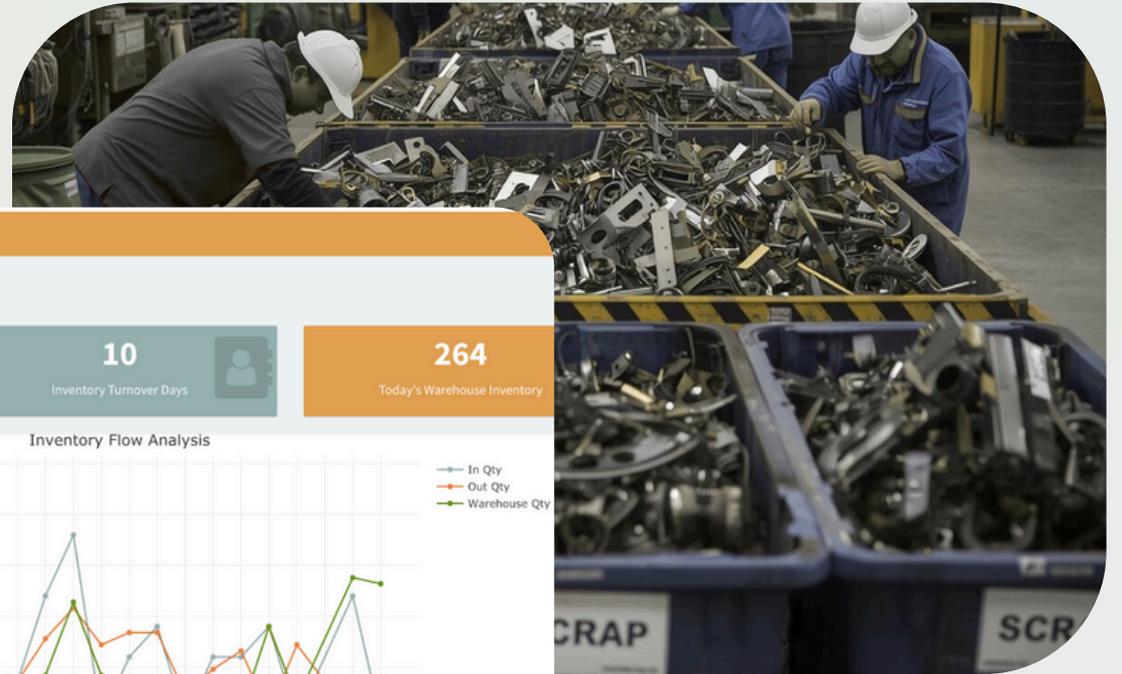
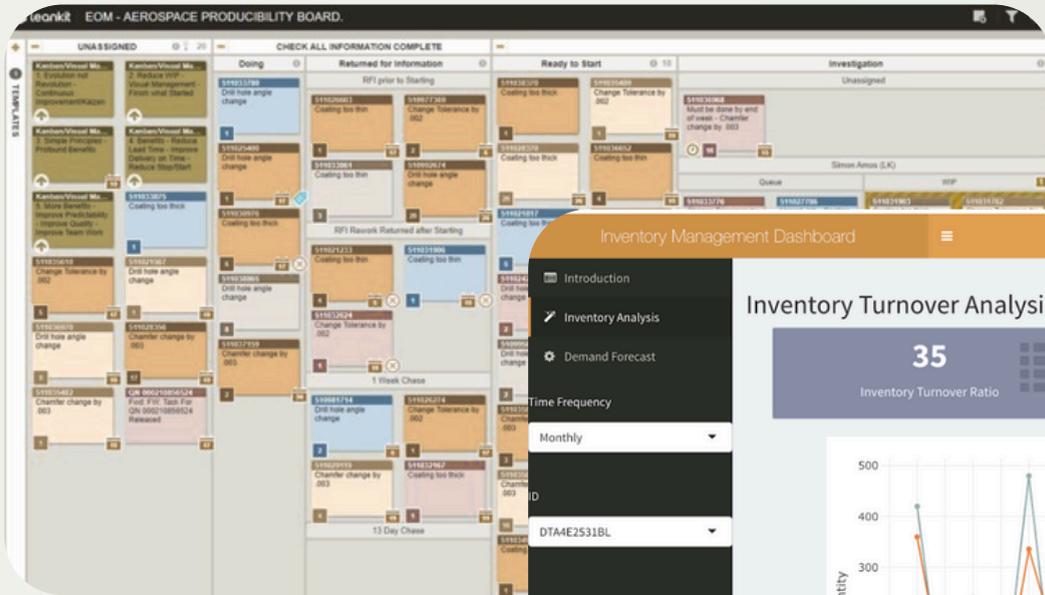




# SYNAPTIX

DELIVERING REAL BUSINESS IMPACT WITH GENAI

## What's getting in the way



**Forecast swings**

**Unplanned stops**

**Data silos**

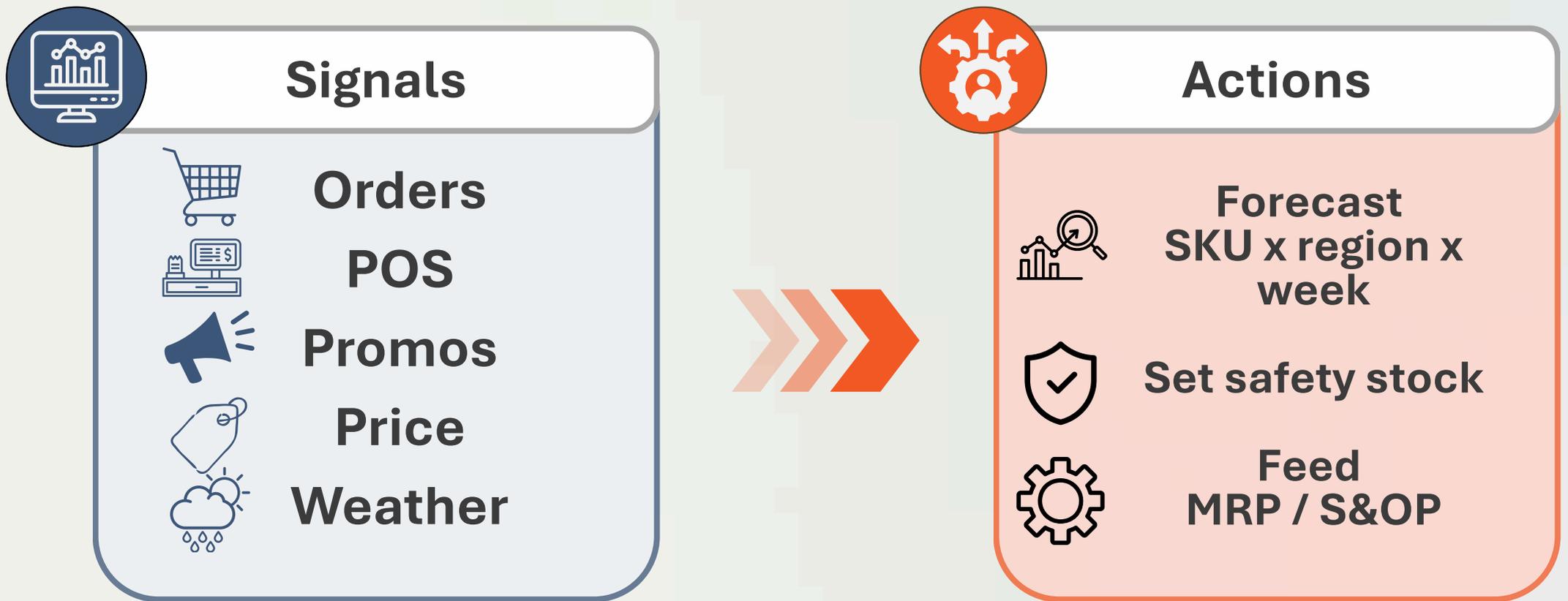
**Scrap & rework**

**Slow innovation**





## Demand & Availability



### Data used

ERP Orders / shipments • Retailer POS • Promo calendar • Price • Lead times • Weather / events

**IMPACT:**

**MAPE**



**Stock-outs**

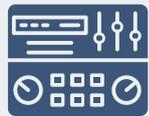




## Maintenance & Throughput



### Signals



Historian /  
SCADA



Alarms



Work orders



### Actions



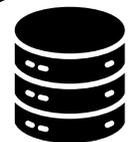
Predict failures



Schedule low-  
impact windows



Push to CMMS  
/ EAM



### Data used

Historian tags • Alarms • CMMS work orders • Parts master  
• Shift / route plan

IMPACT:

Downtime



OEE





## Quality & Yield



### Data used

MES lots / batches • Historian time-series • LIMS results • Images • Downtime / reject logs

**IMPACT:**

Scrap



Release time



FTY





## Innovation & Portfolio



### Signals



**POS**



**Reviews**



**Search**



**Social**



**Trade spend**



### Actions



**Size trail / repeat /  
cannibalisation**



**Test pack / size /  
price**



**Rank SKUs**



### Data used

**Syndicated POS • Retailer EPOS • Review text • Search trends • Promo history • Cost-to-serve**

**IMPACT: Net revenue**



**Cannibalisation**



**TtM**





**SYNAPTIX**

DELIVERING REAL BUSINESS IMPACT WITH GENAI

# Data Foundation

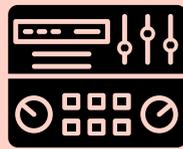
## CONNECT



ERP



MES



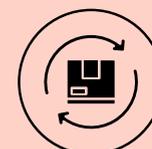
SCADA



LIMS



WMS



PLM



QMS



## STANDARDISE



OEE



FPY



MAPE



CSL



OTF



Scrap



## SERVE



Planner



CMMS



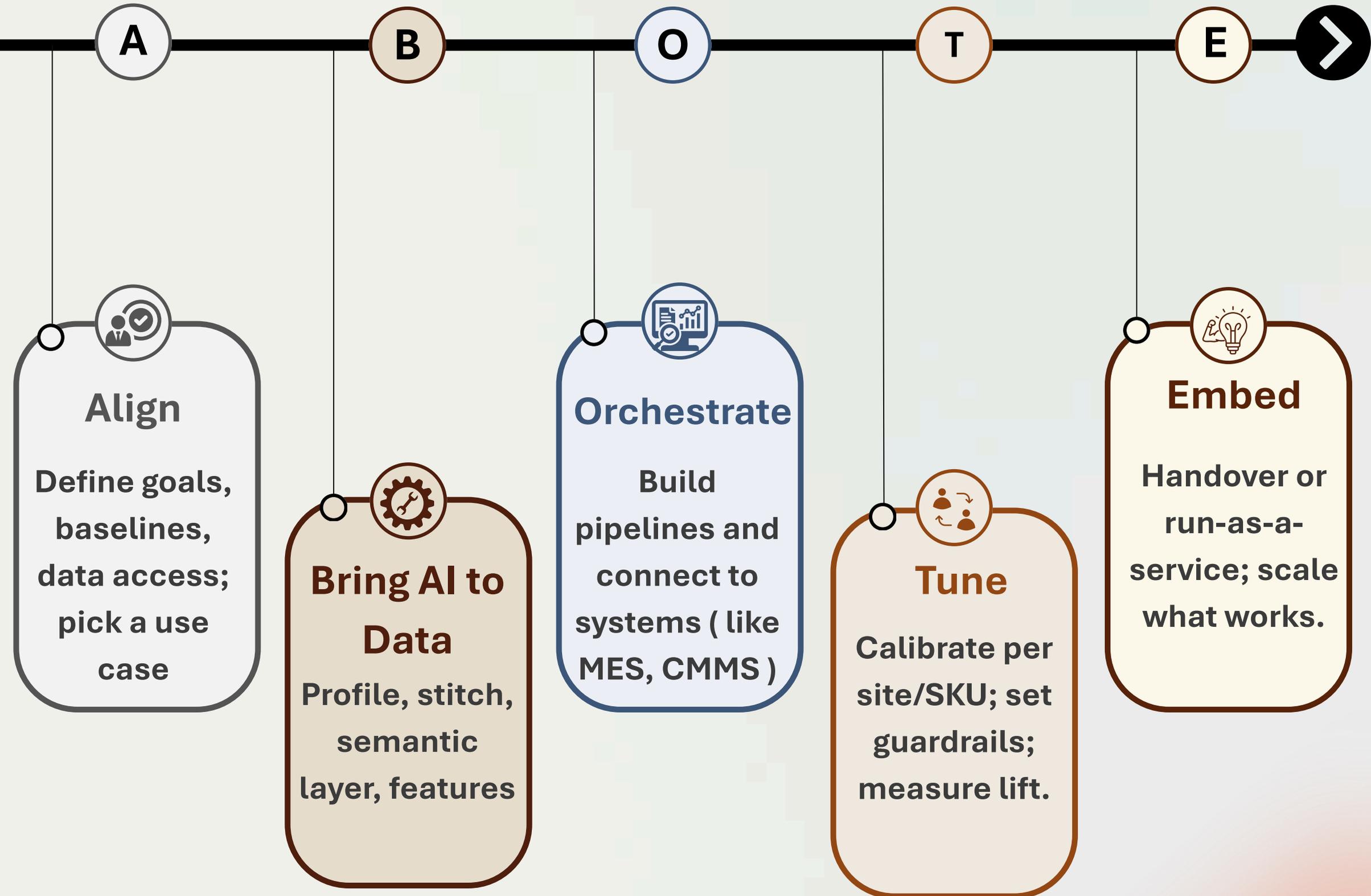
BI

***One truth • Fewer reconciliations • Faster decisions***





## How We Work



*Big-4 discipline. Startup pace. Plain Speaking.*





**SYNAPTYX**

DELIVERING REAL BUSINESS IMPACT WITH GENAI

Fit-for-purpose data. Standard KPIs. Deployed AI.  
Accelerated.



**Clarity over chaos.**



**Decisions over dashboards.**



**Action over analysis.**

*The answers are already in your data —  
it's time to unlock them.*

**Contact Us**

***corp@synaptyx.ai | www.synaptyx.ai***

***Let's unlock what AI can do for your business.***