

PLANOGRAM AGENT

AI-POWERED FIELD ASSISTANT FOR CPG RETAIL SHELF COMPLIANCE AUDITS

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ADAPT TO THE NEW BUSINESS REALITY.

MARCH 2026

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Global Business Consulting

Planogram Copilot Agent

AI-powered field assistant for CPG retail shelf compliance audits — helping field sales reps conduct faster, more accurate in-store audits

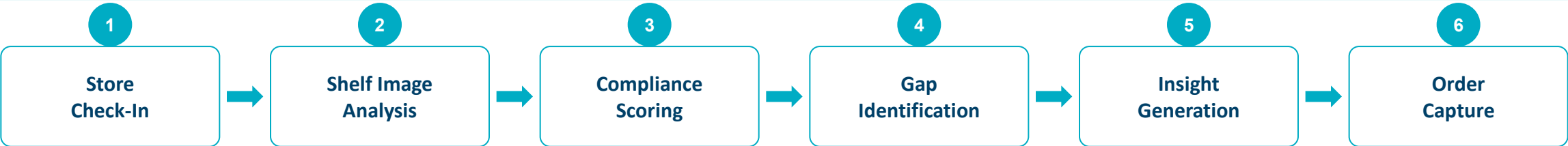
AGENT SUMMARY

AI-powered field assistant that guides CPG retail reps through a complete 6-step shelf compliance audit in under 5 minutes. Uses computer vision to analyze shelf photos, calculates compliance scores, identifies gaps, quantifies revenue at risk, and captures real-time restock orders.

BUSINESS OBJECTIVES

- ▶ Complete shelf compliance audits in <5 min vs. 15-20 min manual
- ▶ AI-powered vision analysis eliminates manual counting errors
- ▶ Identify & quantify revenue leakage from shelf gaps
- ▶ Real-time order capture for OOS items during audit

6-STEP AUDIT WORKFLOW



KEY BENEFITS



Under 5 Min Audit
Complete audit in under 5 minutes vs. 15-20 min manual



AI Vision
Eliminates human counting errors with computer vision



Revenue Recovery
Quantifies revenue leakage and prioritises actions

KEY CHALLENGES

- ▶ Variable shelf image quality and lighting conditions
- ▶ Weighted compliance scoring across 4 categories
- ▶ Real-time order integration with backend systems
- ▶ Multi-retailer planogram standard variations
- ▶ Field connectivity and mobile-optimised performance

OUTPUT: Compliance Scorecard | Gap Analysis | Revenue-at-Risk Report | Priority Action List | Restock Order | Audit Reference

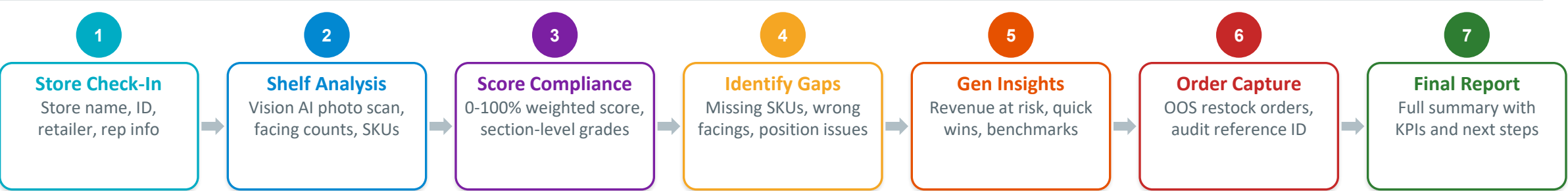
Planogram Copilot Agent – Architecture & Agent Flow

End-to-end agent workflow: from store check-in through shelf image analysis, compliance scoring, gap identification, and real-time order capture

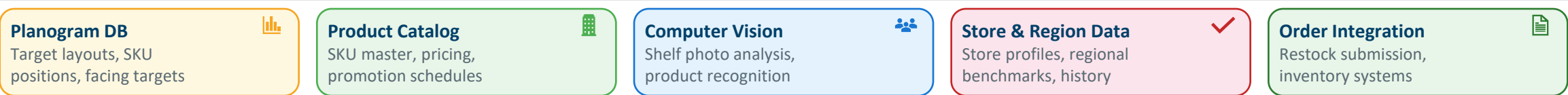
CHANNEL LAYER



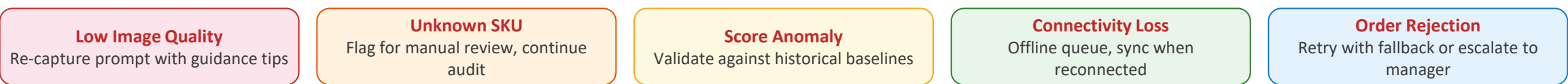
AGENT PROCESS FLOW



DATA & SERVICES LAYER



ERROR HANDLING & QUALITY GATES



OUTPUT: Compliance Scorecard | Gap Analysis | Revenue-at-Risk | Priority Actions | Restock Order | Audit Ref #

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