MCC Integration Checklist — AI Integration & Cloud Transformation Suite

Use this worksheet to scope integrations, SLAs, and ownership across the MCC suite (Executive • Integration • Retail • Risk).

1) Core Platform & Data Plumbing

System	Purpose	Inbound Data	Outbound	Auth	Latency SLO	Owner
ERP/CRM/IoT	Orders, customers, inventory, telemetry	Events, records	Status, IDs	OAuth2/API Keys	P95 ≤ 300ms	
Event Collector + Feature Store	Capture & featurize behavior	Web/app events	Features for AI	mTLS/JWT	P95 ≤ 150ms	
API Gateway + Serverless	Public/internal endpoints	Requests	Responses	JWT/Keys	P95 ≤ 200ms	

2) Retail Growth Engines (Customer & Revenue)

Service	Purpose	Inputs	Outputs	Controls	SLO	Owner
AI Personalization	Ranked SKUs with explanations	Browse/cart features	Recs JSON/UI	Frequency caps, rules	P95 ≤ 150ms	
Omnichannel Promotions	Unified web/email/SMS promos	Eligibility query	Offer decision	A/B flags	P95 ≤ 200ms	
Loyalty (Algorand ASA)	Points issuance/redemption	Customer ID (off-chain)	ASA, hash	Stateless TEAL	Tx ≤ 10s	
On-chain Attestations	Immutable event notes	Event hash	Algorand note	No PII on-chain	Tx ≤ 10s	

3) Commerce & Operations (Margin Protection)

Service	Purpose	Systems	Signals	Actions	SLA	Owner
Returns & Exchanges	Automate RMA/labels & exchanges	OMS/WMS, Label API	RPA status, exceptions	Auto-approve/incent	RPO ≤ 1h	
Fraud & Abuse Defense	Reduce chargebacks & abuse	Gateway, Order API	Risk scores	Adaptive friction	P95 ≤ 250ms	
Inventory Forecasting	SKU demand & DC allocation	POS/eCom, promos	Forecasts, buffers	Replenish/allocate	Daily 04:00 UTC	

4) Reliability, Delivery & Security

Capability	Scope	Controls	KPIs/SLOs	Owner
Secure CI/CD	SAST, SCA, image scan/sign, approvals	Policies as code	Lead time, CFR, MTTR	
Progressive Delivery	Canary/blue-green with metric gates	Auto-rollback	Error rate, latency	
Observability	Tracing, logging, metrics, SLOs	Runbooks	Availability, burn rate	
Risk Dashboard	Compliance, threats, downtime cost	Zero-Trust, audits	Compliance score, alerts	

5) Exec • Roadmap • Training • ROI

Artifact	Purpose	Owner	Notes
Executive Foundations + Quizzes	Sponsor + govern adoption		
Roadmap (12–36m)	Integrations → industry models → autonomous ops		
Training Enablement	User adoption & change mgmt		
ROI Dashboards + Calculator	Quantify uplift & break-even		
Case Studies	Validate with metrics & summaries		