Southern Mutual Bank

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AI System Register & Use-Case Inventory

Register · synthetic assessor-grade test document

Generated 09 November 2026 · CyberSentien test harness · personalised to Southern Mutual Bank

Register ID	SOU-REG-0031
Version	2.1
Owner	Priya Sharma (Chief Information Security Officer)
Classification	Internal Use Only
Status	Maintained — current
Last reviewed	20 Oct 2026
Review cycle	Quarterly

1. Purpose

This register records the ai system register & use-case inventory maintained by Southern Mutual Bank. It is reviewed on a defined cycle; overdue or expired entries are escalated to the accountable owner and the Executive Risk Committee.

2. Register entries

ID	AI system	Owner	Model / Provider	Risk	Impact assessment
AI-001	Customer support copilot	Mei-Lin Tan	OpenAI (org)	High	OVERDUE
AI-002	Fraud detection model	Priya Sharma	Vertex Gemini	Medium	Complete
AI-003	Credit-decision model	James O'Connor	In-house XGBoost	Low	Complete
AI-004	Document summarisation	David Okafor	OpenAI (org)	Medium	Complete
AI-005	Web chatbot	Tom Bauer	Azure OpenAI GPT-4o	Low	OVERDUE
AI-006	AML alert triage	Aisha Khan	Vertex Gemini	Medium	Complete
AI-007	Marketing personalisation	Laura Mendez	In-house XGBoost	Low	Complete
AI-008	KYC document OCR	Daniel Wright	AWS Bedrock (Claude)	Medium	Complete
AI-009	Transaction anomaly model	Nadia Petrova	In-house XGBoost	Medium	OVERDUE
AI-010	Collections propensity model	Greg Thompson	In-house XGBoost	Low	Complete
AI-011	Email classification	Mei-Lin Tan	Azure OpenAI GPT-4o	High	Complete
AI-012	Voice biometrics	Priya Sharma	Azure OpenAI GPT-4o	High	Complete

3. Control framework mapping

Framework	Indicative mapped controls
ISO/IEC 42001	6.1, 8.3, 9.1
NIST AI RMF	GOVERN, MAP, MEASURE, MANAGE
APRA CPS 234	Information security capability, Control testing, Incident notification