Risk Register:

Risk ID	Risk Description	Control Effectiveness	Impact	Likelihood	Risk Score	Risk Response	Action Items	Risk Owner	Target Date	Notes
Sequential Number [1,2,3...]	*Brief explanation in cause-effect format: "If X occurs, then Y happens"*	*How effective are current controls?*	*Potential impact if this risk occurs*	*How likely is this risk to occur?*	*Auto-calculated based on Impact× Likelihood*	*Select response strategy*	*Specific actions to address risk*	*Person responsible for managing this risk*	*Date for completion/review*	*Additional context or updates*
1	If transaction monitoring fails to detect structured deposits, then the firm faces SBP penalties and reputational loss.	Weak	High	Medium	High	Enhance/Mitigate	1. Deploy AI-driven monitoring (Theta Ray). 2. Tune rules quarterly.	Head of Compliance	30-Mar-25	Audit Finding #AF-2024-09: SBP deadline expires in 14 days. Priority escalation.
2	If public API endpoints lack rate-limiting, then attackers can scrape customer PII leading to a data breach	Ineffective	High	High	Critical	Enhance/Mitigate	1. Implement API Gateway throttling. 2. Perform 3rd-party Pentest.	CISO	15-Feb-25	Ticket #SEC-992: Patch scheduled for next sprint (Sprint 42).
3	If the primary AWS region fails without a failover, then banking services will halt violating the 99.9% SLA.	Moderate	High	Low	High	Transfer/Mitigate	1. Configure Multi-Region DR. 2. Update SLA with vendor.	VP Engineering	1-Jun-25	BIA Report: Refers to Critical Business Function (CBF-03). Budget approved for DR.
4	If user access is not de-provisioned in a timely manner, then former employees may misuse system access causing security incidents.	Weak	Medium	Medium	Medium	Enhance/Mitigate	Conduct monthly Access Reviews.	IT Manager	20-Jan-25	Available. Integration pending.
5	If phishing attacks are successful against administrators, then admin panels may be compromised leading to account hijacking.	Moderate	High	Medium	High	Enhance/Mitigate	Monthly phishing drills.	Security Ops Lead	28-Feb-25	Targeted campaign detected.

Risk Rating Matrix

This matrix shows how Impact and Likelihood combine to determine the Risk Score

		LIKELIHOOD		
IMPACT		**Low**	**Medium**	**High**
		Yellow	Red	Red
		Green	Yellow	Red
	Low	Green	Green	Yellow

Risk Level Definitions:

Green	Low Risk - Monitor regularly, minimal action required
Yellow	Medium Risk - Mitigation plan recommended, review
Red	High Risk - Immediate action required, executive