

## Risk register

### Operational environment:

The bank is located in a coastal area with low crime rates. Many people and systems handle the bank's data—100 on-premise employees and 20 remote employees. The customer base of the bank includes 2,000 individual accounts and 200 commercial accounts. The bank's services are marketed by a professional sports team and ten local businesses in the community. There are strict financial regulations that require the bank to secure their data and funds, like having enough cash available each day to meet Federal Reserve requirements.

Asset	Risk(s)	Description	Likelihood	Severity	Priority
Funds	Business email compromise	<i>An employee is tricked into sharing confidential information.</i>	2	3	6
	Compromised user database	<i>Customer data is poorly encrypted.</i>	3	2	6
	Financial records leak	<i>A database server of backed up data is publicly accessible.</i>	3	3	9
	Theft	<i>The bank's safe is left unlocked.</i>	1	3	3
	Supply chain disruption	<i>Delivery delays due to natural disasters.</i>	1	2	2
Notes	<i>How are security events possible considering the risks the asset faces in its operating environment?</i>				

The bank is exposed to both cyber and physical risks due to its reliance on sensitive financial data, digital systems, and regulatory obligations. Cyber threats like business email compromise, database breaches, and record leaks pose significant risks to customer trust and compliance. Physical risks such as theft or supply chain disruptions are less likely but could still disrupt daily operations and financial stability.