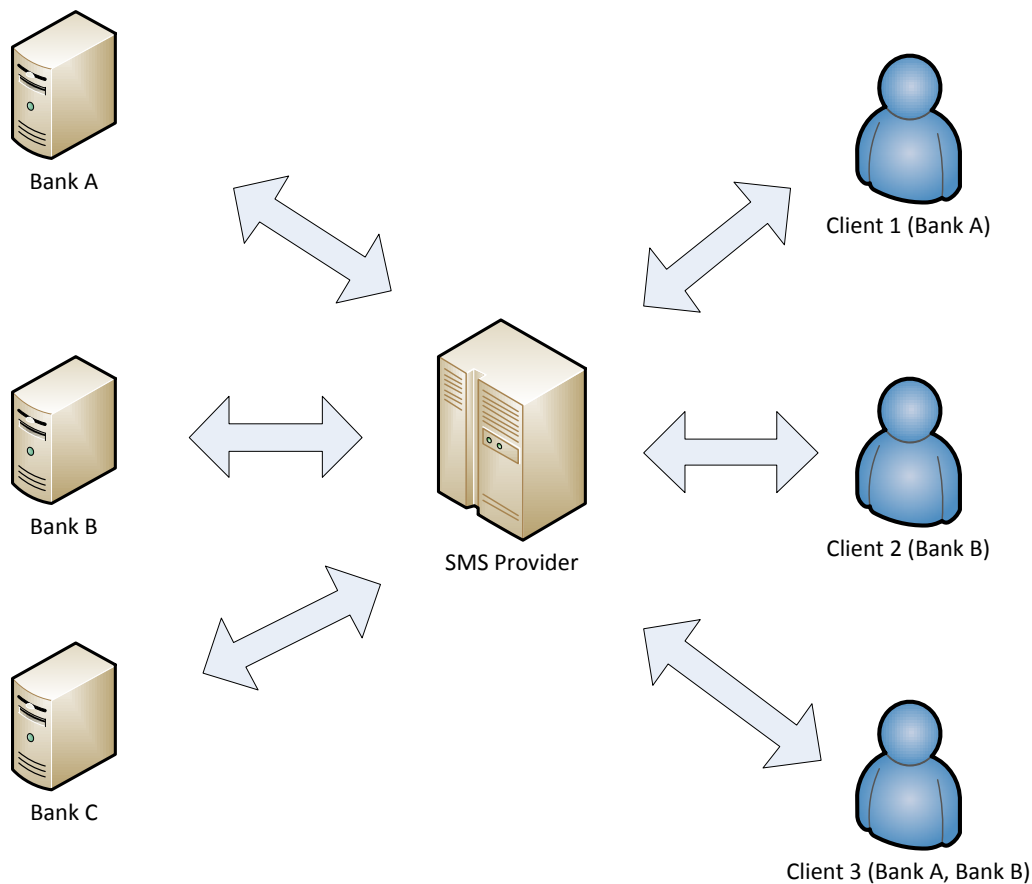Here's the scenario.

Essentially, I have one system running in 3 different banks. The system allows customers to query various items by SMS.

Each bank will therefore require a phone number to give their customers.

The provider will then route the messages to the appropriate bank system, and the bank system will send a response.

See the diagram below for clarity.

For obvious reasons, it is possible for a client to have accounts with multiple banks.

Bank A

Client 1 (Bank A)

Bank B

SMS Provider

Client 2 (Bank B)

Bank C

Client 3 (Bank A, Bank B)

The provider needs to offer the following

1. HTTP API to send messages to clients
2. HTTP API to send delivery status of messages
3. HTTP API to receive messages from client
4. Ability to filter traffic by site (i.e. each bank for billing purposes)

5. Monthly reports
6. A SLA agreement