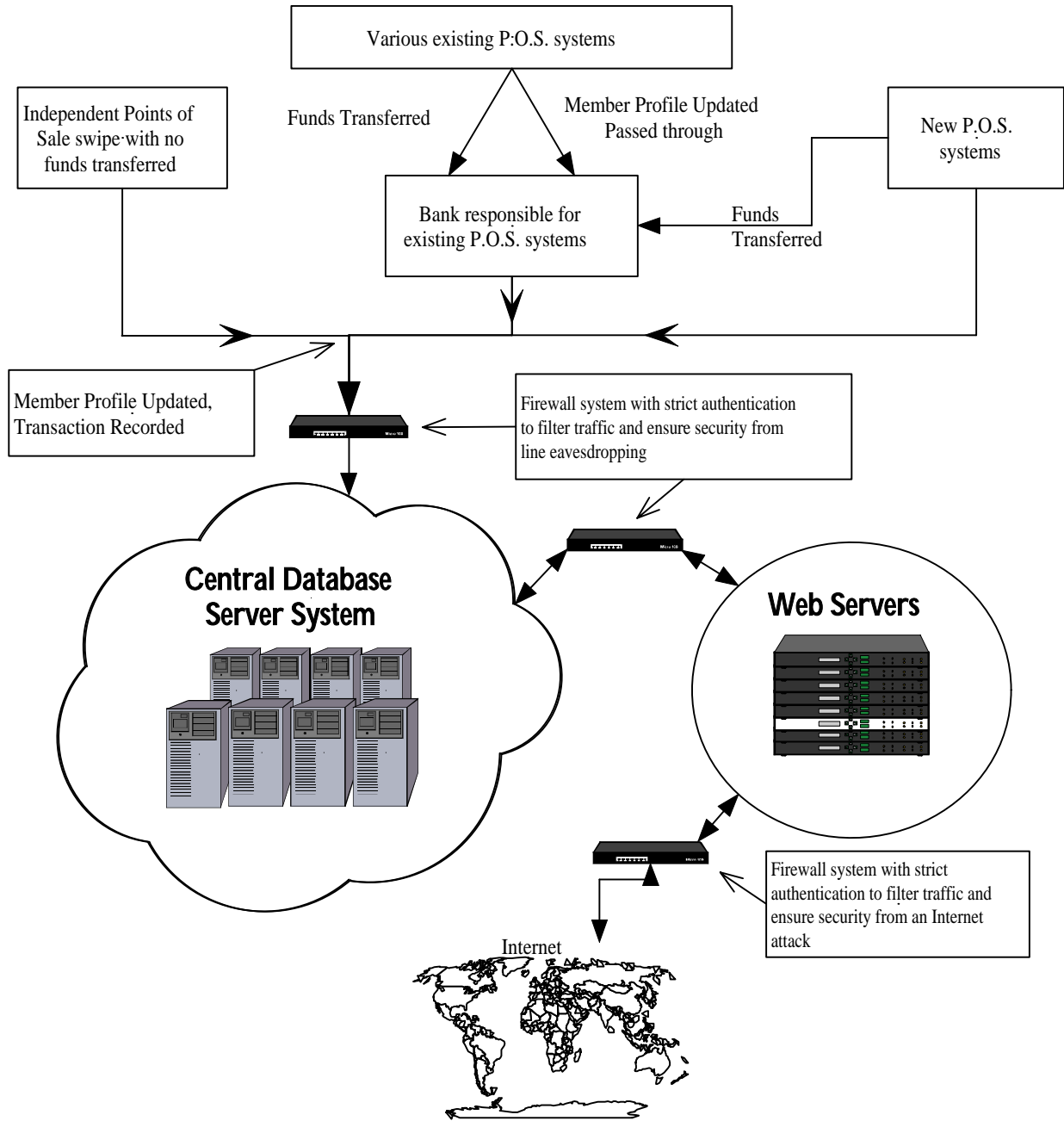## 3.2 POS Processing

Each transaction made at a Point of Sale (P.O.S.) for the Club card will require tracking of the purchase amount, customer number, and merchant. The central system will obtain this information through various mediums, primarily banks. Once the information is at the central server, it can be processed to credit the appropriate charities and consumer account.

Various existing P:O.S. systems

Independent Points of Sale swipe·with no funds transferred

Funds Transferred

Member Profile Updated Passed through

New P.O.S. systems

Bank responsible for existing P.O.S. systems

Funds Transferred

Member Profile Updated, Transaction Recorded

Firewall system with strict authentication to filter traffic and ensure security from line eavesdropping

Central Database Server System

Web Servers

Firewall system with strict authentication to filter traffic and ensure security from an Internet attack

Internet

Network Diagram