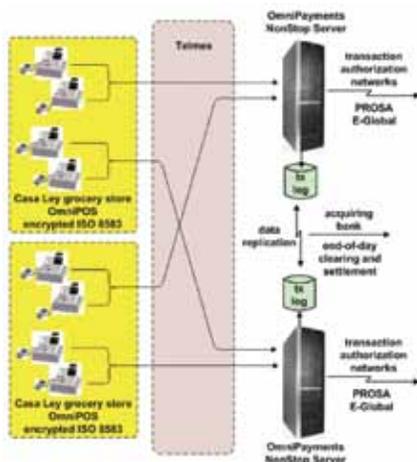


Mexican Grocery Chain Modernizes Acquiring Infrastructure with OmniPayments Active/Active Technology

Casa Ley is one of Mexico's largest, privately held grocery-store chains. The company has over 22,000 employees and operates 300 supermarkets that serve more than forty cities in Mexico. The retailer's multipurpose point-of-sale (POS) terminals, owned and managed by Casa Ley, offer many services to customers. In addition to enabling in-store purchases via credit cards and debit cards, customers also can top off cell-phone minutes, make bank deposits, and pay bills – all accomplished at the cash register. Key to making such services available is



the OmniPayments Transaction Authorization Switch.

OmniPayments is a comprehensive architecture by which financial institutions acquire, encrypt, switch and authorize transactions across multiple input channels such as ATMs, POS terminals, kiosks, IVRs and the Internet. It supplies a full set of functionalities to support payment transactions. Based on a modern Service Oriented Architecture (SOA), OmniPayments consists of several service components, all built for the HP NonStop platform.

In the Casa Ley configuration, two OmniPayments HP NonStop servers are configured as an active/active system. One server is located at the retailer's Mexican headquarters, and the other is a virtual server located 500 miles away in the cloud. Both servers are actively processing transactions, and the transaction load is normally split between them. Should one server fail, all transactions are immediately routed to the surviving server, thus ensuring the continuous availability of transaction authorization services to Casa Ley stores. The redundant communication services required to support this configuration are provided by Telmex, the dominant fixed-line phone carrier in Mexico.

Each NonStop server is responsible for authorizing the transactions routed to it. Each sends its transaction requests to the appropriate issuing banks via either the PROSA or E-Global transaction authorization network and returns the responses to the POS terminals that originated them.

Both servers log their own transaction activities. However, to ensure the durability of transactions in the event of a server failure, the transaction logs on the two servers are synchronized via bidirectional data replication. Whenever a transaction is entered into the transaction log of one server, it is immediately replicated to the transaction log of the other server. Thus, each server has a record of all transactions made by both servers. This replication within the OmniPayments system is performed by the OmniReplicator. No third-party data-replication engine is required.

In addition to rapid failover responses to outages, Casa Ley's OmniPayments solution provides PCI-DSS compliance; EMV Smart Card compatibility; fraud reduction; the delivery of a positive customer experience (CX) via standardized, efficient procedures at the POS terminals; industry-standard communication protocols; and significantly reduced licensing costs. Opsol's pricing model is based not on transaction volume but instead on a one-time software license. This results in huge savings!

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About Opsol Integrators and OmniPayments

OmniPayments is a switching solution for the financial industry. It is deployed on NonStop for the highest availability and offers customers all the requisite functionality to manage credit/debit-card transactions. OmniPayments is easily expandable to provide additional functionality when needed. It supplies complete security functions for every financial transaction that it handles, including encryption-at-rest and encryption-in-flight. OmniPayments will survive any single fault, requires no downtime for maintenance or upgrades, and supports a range of disaster recovery solutions.