

Custom App Development Boosts Business Opportunities for a Leading Retail Solution Provider

About Customer

A leading New York-based omnichannel platform provider empowers specialty retailers with cutting-edge technology support. The unified cloud-based platform offers solutions for merchandising, POS, Mobile POS, CRM, loss prevention, and more for a host of retail store chains. Mobile-first and global payment innovation is leveraged to enable the retailers to maximize sales through customer-centric and secure experience across channels.

Business Requirements

- Develop a native mobile POS application for iOS
- Replace the IPC sled with the more secure hardware-encrypted VeriFone sleds
- Ensure a contactless reader that supports Apple Pay through NFC
- Introduce secure EMV Quick Chip-and-Pin-based transactions
- Integrate the Aurus payment gateway
- Implement Quality Assurance using Automation Framework

Our Solutions

VeriFone Sleds:

- Established an alternative payment methodology through AJB implementation
- Leveraged capabilities of the VeriFone sleds to support hard encryption of payment data
- Integrated Apple Pay as an additional payment option.
- Utilized VeriFone Gateway Service to manage bank provider communications
- Implemented the VMF framework provided for communication with the sled

Aurus Framework:

- Leveraged the Aurus Payment Platform to drive payment operations
- Captured the success/failure responses to the mPOS app
- Utilized IPA to intimate web service
- Modified all system components to process all types of payment

Results

Security for card transactions enhanced through hardware encryption of details

Sales boost ensured by meeting future compliance requirements

Bigger store chains attracted customers with a user-friendly app

Multiple modes of payment supported (Credit Card, Debit Card, Apple Pay, & Quick Chip)

Greater user satisfaction achieved via Apple Pay integration at the mobile POS