

# Pine Labs

## Plutus Payment Solution Integration with Oracle Payment Interface 19.1–Pay@Reception

Plutus Payment Solution helps accept multiple payment modes including debit and credit cards, net banking, mobile wallets, and reward points. With support for Unified Payments Interface (UPI) and Dynamic Currency Conversion (DCC), Plutus Payment Solution enables your hotel to offer guests a wide range of payment options.



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### COMPANY OVERVIEW

Pine Labs is one of Asia's leading merchant commerce platforms. Its unique cloud-based platform enables it to offer a wide range of payment acceptance and merchant commerce solutions. Pine Labs' stored value platform offers issuing, processing, and distributing of digital gift cards for corporate customers. Its customer base includes prominent large, mid-sized, and small merchants across India, Southeast Asia, and the Middle East. Pine Labs is incorporated in Singapore.

### INTEGRATION OVERVIEW

Oracle Payment Interface and the merchant's electronic cash register (ECR) interact with Pine Labs' Plutus Payment Solution through a middleware application—referred to as *Oracle Payment Interface Adapter*—designed to service the request from Oracle Payment Interface and provide a response in XML format.

Oracle Payment Interface Adapter communicates with Oracle Payment Interface through HTTPS protocol. XML format is used as per the data provided in Oracle Payment Interface API Integration Specification Release 6.2.

### INTEGRATION DETAILS

Oracle Payment Interface and Plutus Payment Solution communicate via middleware mode and . The integration supports the following functionality:

- Preauthorization of transactions
- Purchase
- Sale completion
- Void transactions
- End-of-day settlement
- Get token transaction
- Get token (bulk)
- Get primary account number (PAN) (bulk)
- Transaction inquiry

### ORACLE Validated Integration Oracle Hospitality

Oracle Validated Integration provides customers with confidence that a partner's integration with an on-premise Oracle application is functionally sound and performs as designed. This can help customers reduce deployment risk, lower total cost of ownership, and improve the user experience related to the partner's integrated offering.

Incremental authorization, authorization release, and refund transactions are not supported with the integration.

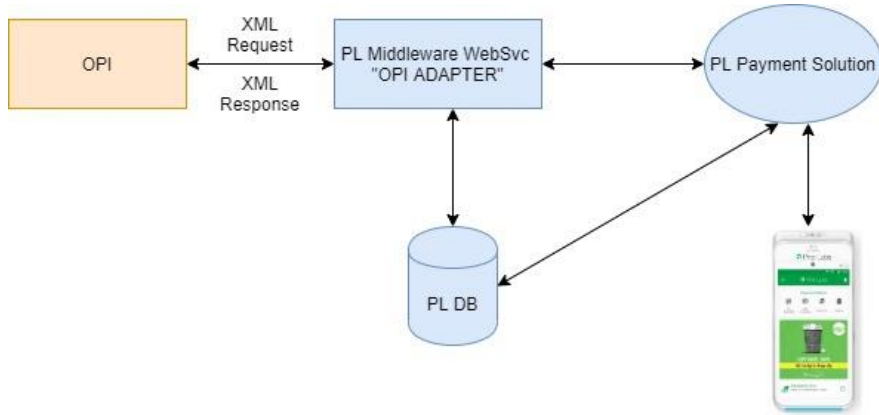


Figure 1. High-level integration architecture

#### AVAILABILITY

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#### SUPPORT

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TECHNICAL DETAILS	
Partner Environment	Oracle Environment
<ul style="list-style-type: none"> <li>Plutus Payment Solution Version 2.0.0.1</li> </ul>	<ul style="list-style-type: none"> <li>Oracle Payment Interface 19.1</li> </ul>
Product ID (FKT)	Description and Name
<ul style="list-style-type: none"> <li>IFC_OPI_Plutus_PineLabs</li> </ul>	<ul style="list-style-type: none"> <li>Oracle Hospitality OPERA EFT Interface for Plutus Payment Solution - Pine Labs Pvt. Ltd</li> </ul>
Supported Protocols	
<ul style="list-style-type: none"> <li>Oracle Payment Interface via HTTPS (TLS 1.2 or higher)</li> </ul>	

## ORACLE

### Validated Integration

Oracle Applications

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