

# TRX Services LLC

## Transaction Services Integration with Oracle Payment Interface 20

Transaction Services integrates with Oracle Payment Interface to support payment processing in the Oracle Hospitality Cruise Shipboard Property Management System (PMS), allowing both card-present initial transactions, incremental authorizations, and card-present qualified rates.

### COMPANY OVERVIEW

Transaction Services was established in 2010 as a proprietary XML gateway and terminal software solution. It is a leading provider in payments, with many decades of experience serving customers from its headquarters in Atlanta and offices in New Jersey and Colorado. The company is privately held and registered as an independent sales organization in the United States market.

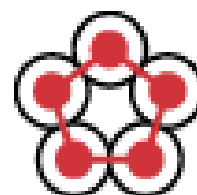
### INTEGRATION OVERVIEW

Transaction Services integrates with Oracle Payment Interface to support payment processing in Oracle Hospitality Cruise Shipboard PMS. This allows for both card-present initial transactions, incremental authorizations, and card-present qualified rates. Use of tokenization reduces scope for merchants using this system.

### INTEGRATION DETAILS

Transaction Services has a proprietary terminal application that receives a Micro Markup Language in a semi-integrated capacity over version 1.3 of the Transport Layer Security protocol. The terminal accepts the card data and transmits it to the Transaction Services host encrypted in Advanced Encryption Standard 256 and BASE24 format. The system returns a proprietary token that is then used by Oracle Payment Interface for subsequent transactions. It includes:

- Message-level encryption that keeps merchants out of scope for payment card industry
- Card-present incremental authorization and qualified rates
- Tokenization that allows for additional transactions



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### ORACLE Validated Integration Oracle Hospitality

Oracle Validated Integration provides customers with confidence that a partner's integration with an on-premises 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.

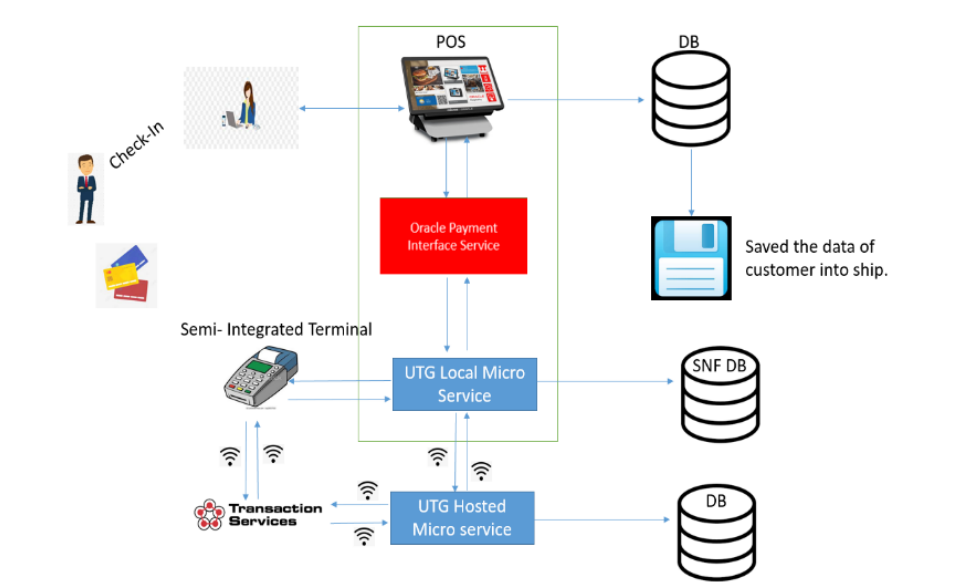


Figure 1. Architecture diagram of the integration between TRX and Oracle Payment Interface (OPI) supporting Oracle Hospitality Cruise Shipboard PMS

#### AVAILABILITY

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#### SUPPORT

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[trxservices.com/contact](https://trxservices.com/contact)

#### TECHNICAL DETAILS

| Partner Environment   | Oracle Environment   |
|---|--|
| <ul style="list-style-type: none"> <li>Universal Translation Gateway (UTG) Version 1.0.0.0</li> </ul> | <ul style="list-style-type: none"> <li>Oracle Cruise Shipboard PMS 20.2</li> <li>Oracle Payment Interface 20.3</li> </ul>                                    |
| Product ID (FKT)  | Description and Name   |
| <ul style="list-style-type: none"> <li>IFC_CRUISE_OPI_UTG</li> </ul>                                  | <ul style="list-style-type: none"> <li>Oracle Hospitality Cruise Shipboard EFT interface for UTC by TRX Services LLC via Oracle Payment Interface</li> </ul> |
| Supported Protocols   |  |
| <ul style="list-style-type: none"> <li>HTTPS</li> </ul>   |  |

## ORACLE

### Validated Integration

Oracle Applications

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