

ORACLE PAYMENTS REFERENCE GUIDE

Shift4's Universal Transaction Gateway (UTG)

The Universal Transaction Gateway (UTG) is Shift4's state-of-the-art payment gateway interface. All implementations require the installation of an application on the POS system to communicate with the UTG.

Note: UTG integrations require Windows 7 or higher.

INTEGRATION OPTIONS

Oracle Payment Interface (OPI)

The current payment interface available from Oracle that is continuously updated to ensure that the customer's experience is uninterrupted. PCI-validated P2PE and EMV are supported.

Shift4 Bridge

A proprietary Shift4 API connecting MICROS products to Shift4's platform, providing the benefits needed for businesses to continue functioning without impacting their operations.

Note: This is a temporary solution to enable features like EMV and P2PE while we work with the merchant to transition them to an OPI compatible solution.

Product	Version	Solution	.Net Version	EMV	SkyTab	QR Pay (On-Check)	QR Pay (On-Device)
RES 3700	5.5+	Shift4 Bridge or OPI	4.6.2	✓	✓	✓	✓
	4.0 – 5.4	Shift4 Bridge	4.6.2	✓	✓	✓	✓
Simphony 2	2.9+	OPI	4.6.2	✓	✓	✓	✓
HMS 9700	3.2+	Shift4 Bridge	4.6.2	✓	✗	✗	✓
Simphony FE	1.7+	Shift4 Bridge	4.6.2	✓	✗	✗	✓
e7 Point of Sale	4.3 MR1+	OPI	4.6.2	✓	✗	✗	✓
	3.2, 4.1, 4.2, 4.3	Shift4 Bridge	4.6.2	✓	✗	✗	✓

RES 3700

The most commonly used food and beverage MICROS POS application. Versions 5.0-5.4 are the most common and is implemented using the Shift4 Bridge.

Simphony

A hosted all-in-one MICROS POS solution. Version 2.9 is the standard version and uses the OPI integration.

HMS 9700

A hotel and resort management MICROS POS solution. Version 4.0+ represents a small portion of installed merchants. Older versions are less common and the implementation team would provide more direction if encountered.

e7 Point of Sale

A micro-merchant MICROS POS solution. OPI + Bridge is used to implement the standard version. Older versions are less common and the implementation team would provide more direction if encountered.

The Ingenico Pinpads support both Ethernet and USB connectivity for the Shift 4 Bridge interface and OPI. Both function identically but connect to UTG through different methods. USB mode requires a direct connection to the host POS whereas ethernet mode allows sales to be made through the pinpad as long as it is connected to the same network as the host POS.