

Oracle® Retail Power POS System
Datasheet
Release 46.14

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Send Us Your Comments

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Oracle welcomes customers' comments and suggestions on the quality and usefulness of this document.

Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
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If you find any errors or have any other suggestions for improvement, then please tell us your name, the name of the company who has licensed our products, the title and part number of the documentation and the chapter, section, and page number (if available).

Note: Before sending us your comments, you might like to check that you have the latest version of the document and if any concerns are already addressed. To do this, access the Online Documentation available on the Oracle Technology Network Web site. It contains the most current Documentation Library plus all documents revised or released recently.

Send your comments to us using the electronic mail address: retail-doc_us@oracle.com
Please give your name, address, electronic mail address, and telephone number (optional).

If you need assistance with Oracle software, then please contact your support representative or Oracle Support Services.

If you require training or instruction in using Oracle software, then please contact your Oracle local office and inquire about our Oracle University offerings. A list of Oracle offices is available on our Web site at www.oracle.com.

Audience

This guide is for:

- Systems administration and operations personnel
- Systems analysts
- Integrators and implementers
- Business analysts who need information about Power POS System processes and interfaces

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Related Documents

There are no related documents.

Customer Support

- To contact Oracle Customer Support, access My Oracle Support at the following URL:
- <https://support.oracle.com>
- When contacting Customer Support, please provide the following:
- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 46.14) or a later patch release (for example, 46.14.1). If you are installing the base release or additional patch releases, read the documentation for all releases that have occurred since the base release before you begin installation. Documentation for patch releases can contain critical information related to the base release, as well as information about code changes since the base release.

Improved Process for Oracle Retail Documentation Corrections

To more quickly address critical corrections to Oracle Retail documentation content, Oracle Retail documentation may be republished whenever a critical correction is needed. For critical corrections, the republication of an Oracle Retail document may at times **not** be attached to a numbered software release; instead, the Oracle Retail document will simply be replaced on the Oracle Technology Network Web site, or, in the case of Data Models, to the applicable My Oracle Support Documentation container where they reside.

This process will prevent delays in making critical corrections available to customers. For the customer, it means that before you begin installation, you must verify that you have the most recent version of the Oracle Retail documentation set. Oracle Retail documentation is available on the Oracle Technology Network at the following URL:

<http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html>

An updated version of the applicable Oracle Retail document is indicated by Oracle part number, as well as print date (month and year). An updated version uses the same part number, with a higher-numbered suffix. For example, part number E123456-02 is an updated version of a document with part number E123456-01.

If a more recent version of a document is available, that version supersedes all previous versions.

Oracle Retail Documentation on the Oracle Technology Network

Oracle Retail product documentation is available on the following web site:

<http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html>

(Data Model documents are not available through Oracle Technology Network. You can obtain them through My Oracle Support.)

Conventions

Navigate: This is a navigate statement. It tells you how to get to the start of the procedure and ends with a screen shot of the starting point and the statement “the Window Name window opens.”

This is a code sample

It is used to display examples of code

Product Description

This datasheet gives an overview of Oracle Retail's Power-POS system.

Product Overview

Oracle Retail's Power-POS system is designed for retail and convenience store chains. It uses simple, intuitive interfaces to provide easy integration of head office and in-store operations. Power-POS consists of four components:

Point of Sale Terminal

The multi-lingual Point of Sale terminal is designed for ease of use – employees typically to learn it inside 30 minutes. As well as the standard POS functions, the terminal can handle more complex requirements such as loyalty cards, multi-stage promotions and mobile phone top ups.

Store Manager

Store manager runs on POS terminals and provides in-store analytical facilities based on real time data. Capabilities include aggregated sales and stock data, managing cash in self fill ATMs and monitoring staff fraud.

Power Centre

Power Centre runs at the retailer's headquarters. It is the system of record, holding static data such as store addresses, product data, reason codes, payment types and VAT codes. Multi-store enterprises can specify prices, products and promotions centrally and deploy the data to stores, managing variations for different regions or customer demographics.

Power Link

Power Link is a secure and robust communications channel between head office and individual convenience stores using PSTN, ISDN or ADSL/SDSL connections. It can be used to distribute price, product and promotion information, roll out software upgrades and receive information from individual stores. If an individual store is off-line, Power Link will detect it and ensure all data is synchronized when the store comes back on line.

Specification and Requirements

Hardware

The POS systems and Store Manager will run on any PC based hardware. Power Centre requires a server. Power Link requires a secure high speed internet connection.

Minimum specifications are as follows:

POS or Back Office Device

Type	Description
Processor	Dual Core 2GHz processor
Memory	2Gb RAM
Hard Drive	200Gb HDD
Operating System	Microsoft POS Ready 2009, Microsoft POS Ready 7 or Microsoft Windows Embedded 8.1 Industry. Windows 7 Pro also supported.

Server

Type	Description
Processor	Intel® Xeon® E52637 v3 3.5GHz Processor
Memory	16Gb RAM
System Drive	Raided system drive (3*120Gb HDD SATA)
Data Drive	Raided data drive (3*250Gb HDD SATA)
Operating System	Microsoft Server 2008 R2 or Microsoft Server 2012

Integration

Power POS readily integrates with peripherals, including barcode scanners, digital scales, mobile terminals, and handheld devices for stock checking.

EFTLink

Oracle Retail EFTLink is fully compatible with Power POS. This allows Power POS to interface with a variety of payment systems.

Business Benefits

Oracle Retail's Power-POS bring the following benefits to retailers:

POS Terminal

The POS terminals offer:

- Simple, intuitive, easy to learn interfaces for cashiers.
- Full integration with third party peripherals such as bar code readers and payment terminals.
- All standard transaction operations.
- More complex functionality such as loyalty cards and custom promotions.
- Access to Store Manager with appropriate log-in credentials.

Store Manager

This component can be accessed from any POS terminal. It offers store and department managers full insight into local operations. Functionality includes:

- Real time interchange of information with the Power Centre at the retailer's headquarters including automated download of product and promotional information.
- 'One version of the truth' for sales and stock information at both headquarters and the store.
- Continually updated aggregated sales and stock information for the store.

Power Centre

Power centre is the headquarters system of record and administration for the Power-POS system. It provides:

- A full list and history of products, their pricing and their promotions.
- Standard functionality for assigning reason codes, VAT rates, bar codes and other tools of retail.
- Ability to customize prices and promotions by region or customer demographic.
- Integration with and real time interchange of data with the POS systems in individual stores via Power Link.

Power Link

Power Link is a secure method of exchanging data between Power Centre and the Power-POS system at individual stores. Operating over the internet, it is used to:

- Transmit information to and from the stores.
- Roll out software upgrades and anti-virus software updates to stores without the need to physically visit them.