

# Oracle® Retail LUCAS

Release Notes

Release 2.9.5.3 (Build 177)

March 2017

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This document contains information on release 2.9.5.3 (Build 177) of Oracle Retail LUCAS.

## Overview

Oracle Retail LUCAS is an integrated ARTS-based (Association of Retail Technology Standards) point of sale solution providing grocery, fashion, and hardlines functionality. LUCAS serves both the mid-size and large retailers in these segments.

## Prerequisites

The following are prerequisites.

## Supported Platforms

Release 2.9.5.3 (Build 177) is supported on the following platforms:

Supported Platform	Comments
Windows 7	Service Pack 1 required.
PosReady 7	
Windows Server 2008 R2	
Windows Server 2012 R2	
Oracle Enterprise Linux 6.8	

## Additional System Requirements

To install and run the LUCAS release, it is necessary to install a set of software as a prerequisite on the system:

Required Application	Supported Versions	Comments
Database	Microsoft SQL Server 2008 R2 SP2 Microsoft SQL Server 2012 SP1 Microsoft SQL Server 2014 SP1 PostgreSQL Database Server 9.5	Microsoft SQL Server compatibility is verified for Express Edition.
Java	Oracle Java 7 32bit/64bit Oracle Java 8 32bit/64bit	Restriction: 64bit drivers are not available for all peripheral hardware devices. Java 6 is no longer supported.
Cygwin	Version 2.2.1 minimum	Required components: <ul style="list-style-type: none"><li>▪ OpenSSH</li><li>▪ rsync</li><li>▪ zip</li><li>▪ unzip</li><li>▪ dos2unix</li><li>▪ shutdown</li></ul>

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**Note:** Webstart functionality is not supported by this version.

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**Note:** When using a 64bit JVM, it is required to increase the MaxPermSize in installer.properties of LUCAS.

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**Note:** Special configuration is necessary for some of the mentioned software components. Without this configuration, the installation of LUCAS might fail. Contact Oracle support for detailed information and assistance.

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## Hardware Reference List

This is not a complete list of all supported hardware. It is to serve as a reference for setting up a full POS system with supported hardware.

Equipment	Possible Hardware
Register / PC	HP RP 580 Toshiba SurePos 500
Receipt Printer	Epson TM-T88V
Scanner	Motorola DS4208 PSC QS 6000 Plus
Cash Drawer	ADS Anker
Customer Display	Epson D-105
Touch Screen	Elo Touch
EFT Terminal	Ingenico iPP480

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**Note:** Specific hardware setup combinations need to be evaluated individually.

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## Java POS

Peripheral hardware devices are generally integrated via JavaPOS. It might be necessary to install the corresponding JavaPOS package for the selected hardware device (such as Toshiba JavaPOS 1.14, Epson JavaPOS 1.14.1, and Wincor JavaPOS 1.13.x).

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**Note:** For Wincor JavaPOS 1.13.x, there are restrictions considering OS, databases, and Java versions, which should be clarified with the vendor.

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## Security Prerequisites

To install and run a LUCAS release, it is necessary to properly set up a public key infrastructure as described in the LUCAS Security Guide.

As a complementary security measure, it is highly recommended to employ drive encryption and/or transparent database encryption.

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**Note:** Due to fundamental changes in the communications layer, an update from an older version to the current one is not provided and requires additional migration efforts. Contact Oracle support for detailed information and assistance

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## Technical Enhancements

### Security

This release contains various security enhancements. These enhancements affect the communication between LUCAS workstations and external interfaces, the storage of data, and authentication for all LUCAS interfaces.

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