

Licensing Guide
Oracle FLEXCUBE Investor Servicing
Release 14.4.0.3.1
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Licensing Guide
June 2021
Version 14.4.0.3.1

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1. Preface

1.1 Introduction

This document provides the information on the third party software upgraded along with the current Oracle FLEXCUBE Investor Servicing release.

1.2 Audience

This document is intended for the following audience:

- Customers
- Partners

1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/us/corporate/accessibility/index.html>.

1.4 Organization

This manual is organized into the following chapters:

Chapter	Description
Chapter 1	<i>Preface</i> gives information on the intended audience. It also lists the various chapters covered in this license guide.
Chapter 2	<i>Third Party Licenses</i> provides information on licensing of third party software packaged along with Oracle FLEXCUBE Investor Servicing.

1.5 Related Documents

For more information, refer to the following documents:

- End user license agreement
- Oracle FLEXCUBE Investor Servicing User Manuals

2. Oracle FLEXCUBE Investor Servicing Licensing

2.1 Introduction

This chapter provides information on Oracle FLEXCUBE Investor Servicing licensing. It contains the following sections:

- General licensing rules
- Components included in the license
- Separately licensed pre-requisite products and licensing metric

2.2 General Licensing Rules

Not applicable for Oracle FLEXCUBE Investor Servicing products.

2.3 Components Included in License

Not applicable for Oracle FLEXCUBE Investor Servicing products.

2.4 Separately Licensed Pre-requisite Products & Licensing Metric

The module wise list of separately licensed products and the licensing metric is given below. Kindly refer the Oracle Financial Services Global Price List for latest pricing information/updates.

For other separately licensable software pre-requisites, refer to the section Software Pre-requisites.

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle FLEXCUBE Investor Servicing for Mutual Funds	Oracle FLEXCUBE Development Workbench for Investor Servicing	\$M in Assets Under Management
Oracle FLEXCUBE Investor Servicing for Unit Linked Investment and Insurance Products ¹	Oracle FLEXCUBE Investor Servicing for Mutual Funds	\$M in Assets Under Management

Oracle FLEXCUBE Investor Servicing for Hedge Funds ²	Oracle FLEXCUBE Investor Servicing for Mutual Funds	\$M in Assets Under Management
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Oracle FLEXCUBE Investor Servicing for Pension Funds	Oracle FLEXCUBE Investor Servicing for Mutual Funds	Investment Account
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Oracle FLEXCUBE Investor Servicing Adapter for Blockchain Mutual Fund Transactions	Oracle FLEXCUBE Investor Servicing for Mutual Funds	1K Transactions ³
--	---	------------------------------

Oracle FLEXCUBE Open Development Tools		
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Oracle FLEXCUBE Development Workbench for Investor Servicing	Oracle FLEXCUBE Investor Servicing for Mutual Funds or Oracle FLEXCUBE Investor Servicing for Unit Linked Investment and Insurance Products or Oracle FLEXCUBE Investor Servicing for Hedge Funds	Application User
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¹The license program allows user to manage and administer an asset managed under Unit Linked Investment and Insurance products module in Mutual fund module as well. If any additional assets needs to be managed and administered only in Mutual Fund module, user will require to additionally license Mutual fund module.

²The license program allows user to manage and administer an equivalent amount of asset managed under Hedge Fund module in Mutual fund module as well. If any additional assets needs to be managed and administered only in Mutual Fund module, user will require to additionally license Mutual fund module

³1K Transactions: is defined as one thousand unique transactions processed through the Program during a 12 month period. You may not exceed the licensed number of transactions during a 12 month period unless you acquire additional transaction licenses from Oracle. For the purposes of Oracle FLEXCUBE Investor Servicing Adapter for Block chain Mutual Funds Transactions, 1K Transactions is defined as one thousand unique mutual fund transactions that are processed through the Program. Each query, endorsement or commit of subscription, redemption, switch or transfer irrespective of success or failure of the same is counted as a transaction.

3. Software Prerequisites

Following are the separately licensable software prerequisites for Oracle FLEXCUBE Investor Servicing Products.

3.1 Tech Stack – Oracle

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle FLEXCUBE Investor Servicing	UI-Host and Centralized	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.4.0
				Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 281
				Open Symphony Quartz	2.3.2
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.10.0.0.0
		Document Management System	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0
				Oracle WebCenter Content Imaging	12.2.1.4.0
				Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 281
		Reporting Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Analytics Server	5.9.0
		Oracle FLEXCUBE Information Server –Analytics	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 281
		Client Machines# For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at https://www.oracle.com/middleware/technologies/browser-policy.html		Mozilla Firefox	Mozilla Firefox - Version 87.*
				Google Chrome	Google Chrome - Version 88.*
				Safari	Apple Safari - Version 14.*
				Microsoft Edge	MS Edge: 89.*
Single Sign On Server	Oracle Enterprise	JDK	JDK 8 Update 281		

			Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server RCU Utility (Windows) Oracle Internet Directory Oracle SOA Oracle Identity and Access Management OID Connector	12.2.1.4.0 12.2.1.4.0 12.2.1.4.0 12.2.1.4.0 12.2.1.4.0 12.2.1.4.0
Oracle FLEXCUBE Investor Servicing BPEL/BPMN Processes and Process Framework	UI-Host and Centralized	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server Oracle SOA Suite, Oracle BPM Suite	12.2.1.4.0 12.2.1.4.0
Oracle FLEXCUBE Investor Servicing Integration Gateway	Web services (incoming) HTTP Servlet (incoming) EJB (incoming) MDB (incoming) Notificati ons (outgoing)	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0
Oracle FLEXCUBE Investor Servicing Machine Learning	Manual Deploymen t	Machine Learning Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Machine Learning for R (OML4R)	1.5.1

Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter which Operating Systems they are installed on. Current release is certified on client workstations with Windows 10 and Mac OS X.

3.2 Tech Stack – IBM

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle FLEXCUBE Investor Servicing	UI-Host and Centralized	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.5.1
				IBM WebSphere MQ Server	9.1.0.0
				Open Symphony Quartz	2.3.2
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.10.0.0.0
		Client Machines# For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at https://www.oracle.com/middleware/technologies/browser-policy.html	Mozilla Firefox	Mozilla Firefox - Version 87.*	
			Google Chrome	Google Chrome - Version 88.*	
			Microsoft Edge	Microsoft Edge (89.*)	
Safari	Apple Safari - Version 14*				
Oracle FLEXCUBE Investor Servicing Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.5.1
	HTTP Servlet (incoming)				
	EJB (incoming)				
	MDB (incoming)	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.5.1
				IBM WebSphere MQ Server	9.1.0.0
	Notifications (outgoing)	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.5.1
IBM WebSphere MQ Server				9.1.0.0	

#Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter which Operating Systems they are installed on. Current release is certified on client workstations with Windows 10 and Mac OS X.

4. Third Party Licenses

4.1 Introduction

This chapter provides information on licensing of third party software that is packaged with the current Oracle FLEXCUBE Investor Servicing release. It contains the following sections:

4.1.1 Ziplet

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Version 2.0, January 2004

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This project includes:

servlet-api

SLF4J API Module under MIT License (BA ID : 67818 for LTID : 49688)

4.1.2 **Quartz Job Scheduler**

Notice file for Quartz (<https://github.com/quartz-scheduler/quartz/blob/master/distribution/src/main/assembly/root/licenses/Legal%20Notice.txt>):

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<https://github.com/quartz-scheduler/quartz/blob/v2.3.2/docs/license.adoc>:

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Version 2.0, January 2004

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Sub-components

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1. poi-excelant-4.1.2.jar
2. poi-ooxml-schemas-4.1.2.jar
3. poi-scratchpad-4.1.2.jar
4. poi-examples-4.1.2.jar

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4P Dependencies

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XML Beans 3.1.0

This is used by POI to convert from Java object to XML and back.

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4.1.6 **Simple Logging Facade for Java (SLF4J)**

jcl-over-slf4j

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Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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FOURTH PARTY DEPENDENCY #1

logback-classic

FOURTH PARTY DEPENDENCY #2

logback-core

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jackson-databind: version

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers.

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4.1.13 jackson-core

jackson-core 2.10.2

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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4.1.14 jackson-annotations

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4.1.15 closure-compiler

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4.1.19 log4j-api

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4.1.20 log4j-core

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FOURTH-PARTY DEPENDENCY #1 NAME : spring-aop
FOURTH-PARTY DEPENDENCY #2 NAME : spring-beans
FOURTH-PARTY DEPENDENCY #3 NAME : spring-context
FOURTH-PARTY DEPENDENCY #4 NAME : spring-core
FOURTH-PARTY DEPENDENCY #5 NAME : spring-expression
FOURTH-PARTY DEPENDENCY #6 NAME : spring-jcl
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FOURTH-PARTY DEPENDENCY #10 NAME : spring-web
FOURTH-PARTY DEPENDENCY #11 NAME : spring-webmvc
FOURTH-PARTY DEPENDENCY #12 NAME : spring-jms
FOURTH-PARTY DEPENDENCY #13 NAME : spring-messaging

Spring Framework

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Checker Framework qualifiers

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FOURTH-PARTY DEPENDENCY #15 NAME : classmate

Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

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FOURTH-PARTY DEPENDENCY #20 NAME : jul-to-slf4j

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FOURTH-PARTY DEPENDENCY #21 NAME: log4j-api

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FOURTH-PARTY DEPENDENCY #23 NAME : logback-classic

FOURTH-PARTY DEPENDENCY #24 NAME: logback-core

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Other developers who have contributed code are:

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4.1.23 jackson-dataformat-xml

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