

Licensing Guide  
Oracle FLEXCUBE Investor Servicing  
Release 12.4.0.19.0  
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Licensing Guide  
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Version 12.4.0.19.0

Oracle Financial Services Software Limited  
Oracle Park  
Off Western Express Highway  
Goregaon (East)  
Mumbai, Maharashtra 400 063  
India

Worldwide Inquiries:  
Phone: +91 22 6718 3000  
Fax: +91 22 6718 3001  
[www.oracle.com/financialservices/](http://www.oracle.com/financialservices/)

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# 1. Preface

## 1.1 Introduction

This document helps you understand the guiding rules for Oracle FLEXCUBE Investor Servicing licensing, the components included in the license and the units that are separately licensed.

This document also provides information on the third party software packaged along with Oracle FLEXCUBE Investor Servicing.

## 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>Oracle FLEXCUBE Investor Servicing Licensing</i> provides information on Oracle FLEXCUBE Investor Servicing licensing.
Chapter 3	<i>Software Pre-requisites</i> consist of the technology pre-requisites required for Oracle FLEXCUBE Investor Servicing.
Chapter 4	<i>Third Party Licenses</i> provide 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

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## 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.*

<b>Module Description</b>	<b>Separately Licensed Prerequisites</b>	<b>Licensing Metric(s)</b>
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 <sup>1</sup>	Oracle FLEXCUBE Investor Servicing for Mutual Funds	\$M in Assets Under Management
Oracle FLEXCUBE Investor Servicing for Hedge Funds <sup>2</sup>	Oracle FLEXCUBE Investor Servicing for Mutual Funds	\$M in Assets Under Management

Oracle FLEXCUBE Investor Servicing for Pension Funds	Oracle FLEXCUBE Investor Servicing for Mutual Funds	Investment Account
Oracle FLEXCUBE Investor Servicing Adapter for Blockchain Mutual Fund Transactions	Oracle FLEXCUBE Investor Servicing for Mutual Funds	1K Transactions <sup>3</sup>
<b>Oracle FLEXCUBE Open Development Tools</b>		
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

<sup>1</sup>The 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.

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<sup>3</sup>1K 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 Blockchain 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 7.6 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.4.0
				Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 241
				Open Symphony Quartz	2.3.2
		Database Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.10.0.0.0
		Document Management System	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0
		Document Management System	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle WebCenter Content Imaging	12.2.1.4.0
				Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 241
		Reporting Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle Analytics Server	5.5.0
				Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 241
		Oracle FLEXCUBE Information Server – Analytics Client Machines			Java HotSpot(TM) JDK (with WebLogic Application Server)

		Client Machines Single Sign On Server	#Supported Browsers  Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Mozilla Firefox	Mozilla Firefox - Version 66.*
				Google Chrome	Google Chrome - Version 73.*
				Safari	Apple Safari - Version 12.*,11*
				Microsoft Edge	MS Edge : 44.*
				JDK	JDK 8 Update 241
		Single Sign On Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0
				RCU Utility (Windows)	12.2.1.4.0
				Oracle Internet Directory	12.2.1.4.0
				Oracle Identity And Access Management	12.2.1.4.0
				OID Connector	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 7.6 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0
Oracle FLEXCUBE Investor Servicing Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle BPM Suite	12.2.1.4.0
	HTTP Servlet (incoming)				
	EJB (incoming)				
	MDB (incoming)				
	Notifications (outgoing)				
Oracle FLEXCUBE Investor Servicing Machine Learning	Manual Deployment	Machine Learning Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle Machine Learning for R	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 7.6 (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 7.6 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.10.0.0.0
		Client Machines	#Supported Browsers	Mozilla Firefox	Mozilla Firefox - Version 66.*
				Google Chrome	Google Chrome - Version 73.*
				Microsoft Edge	Microsoft Edge (44.*)
				Safari	Apple Safari - Version 12.*,11*
Oracle FLEXCUBE Investor Servicing Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 7.6 (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 7.6 (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 7.6 (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.

### 3.3 Module-wise Software Prerequisites

Product Name	Product Version	Requirements
Oracle Fusion Middleware Infrastructure	12.2.1.4.0	Optional - Oracle FLEXCUBE Investor Servicing and Oracle FLEXCUBE Investor Servicing Integration Gateway supports both WebLogic (Fusion Middleware) and WebSphere.
Oracle RDBMS Enterprise Edition	19.10.0.0.0	Standard requirement
Oracle WebCenter Content Imaging	12.2.1.4.0	Optional – Kindly refer Section 3.1 for requisite component
Oracle Analytics Server	5.5.0	Optional – Kindly refer Section 3.1 for requisite component
Oracle Identity and Access Management	12.2.1.4.0	Optional – Only if SSO is required
Oracle Identity Management	12.2.1.4.0	Optional – Only if SSO is required
IBM WebSphere Server	9.0.5.1	Optional - Oracle FLEXCUBE Investor Servicing and Oracle FLEXCUBE Investor Servicing Integration Gateway supports both WebLogic (Fusion Middleware) and WebSphere.
IBM WebSphere MQ Server	9.1.0.0	Optional – Required for Oracle FLEXCUBE Investor Servicing and Oracle FLEXCUBE Investor Servicing Integration Gateway on WebSphere

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## 4. Third Party Licenses

### 4.1 Introduction

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

- Apache License
- MIT License
- Third Party Libraries

### 4.2 Apache License

#### 4.2.1 Ant 1.10.8

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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.

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

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

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- \* jackson-databind
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\* com.fasterxml.woodstox/woodstox-core

\* stax2-api

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#### **4.2.15 GSON 2.8.6**

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Other developers who have contributed code are:

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