

License Guide  
Oracle FLEXCUBE Universal Banking  
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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 Universal Banking licensing, the components included in the license and the units that are separately licensed.

This document also provides information on the third party software that are packaged with Oracle FLEXCUBE Universal Banking.

## 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/pls/topic/lookup?ctx=acc&id=docacc>.

## 1.4 Related Documents

For more information, refer to the following documents:

- End user license agreement
- Oracle FLEXCUBE Universal Banking User Manuals

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## 2. Oracle FLEXCUBE Universal Banking Licensing

### 2.1 Introduction

This chapter provides information on Oracle FLEXCUBE Universal Banking licensing. It contains the following sections:

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

### 2.2 General Licensing Rules

The following table lists out the modules which are primarily retail or corporate. The licensing rule against each of them defines how these modules would get licensed based on the usage of the bank.

Sl. No.	Module Description	Licensing Rule(s)
<b>Retail Modules</b>		
1	Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts	If the customer is using Universal Banking for Retail programs, these applications may only be licensed by the Account metric. However, if the customer is using Universal Banking for Corporate, and is not using Universal Banking for Retail, then a customer may license these programs under the Application User metric.
2	Oracle FLEXCUBE Universal Banking Standing Instructions	
3	Oracle FLEXCUBE Universal Banking Collections	
4	Oracle FLEXCUBE Universal Banking Loans*	
5	Oracle FLEXCUBE Universal Banking Account Origination	
6	Oracle FLEXCUBE Universal Banking Retail Loan Origination	

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1 Oracle FLEXCUBE Universal Banking Loans module is available as (i) Oracle FLEXCUBE Universal Banking Retail and Small and Medium Enterprise Loans, licensable by the Account metric, in the Enterprise Price List;

Sl. No.	Module Description	Licensing Rule(s)
<b>Corporate Modules</b>		
7	Oracle FLEXCUBE Universal Banking Nostro Reconciliation	If the customer is using Universal Banking for Corporate pro- grams, these applications may only be licensed by the Application User. However, if the customer is using Universal Banking for Retail, and is not using Universal Banking for Corporate, then a customer may license these programs under the Account metric.
8	Oracle FLEXCUBE Universal Banking Commercial Leasing	
9	Oracle FLEXCUBE Integration Gateway	

### 2.3 Components Included in License

The following components are included in the Oracle FLEXCUBE Universal Banking license:

1. **Signature Verification:** is included with Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts license
2. **Utility Payments:** is included with Oracle FLEXCUBE Universal Banking Branch license

### 2.4 Separately Licensed Pre-requisite Products and Licensing Metric

The module wise list of separately licensed products and the licensing metric is given below.

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

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle FLEXCUBE Universal Banking Base*	Oracle FLEXCUBE Development Workbench Oracle FLEXCUBE Integration Gateway	Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts	Oracle FLEXCUBE Universal Banking Base	Application User Custom Suite User Account

Oracle FLEXCUBE Universal Banking Relationship Pricing	Oracle FLEXCUBE Universal Banking Base and Either Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts OR Oracle FLEXCUBE Universal Banking Term Deposits	Account
Oracle FLEXCUBE Universal Banking Term Deposits	Oracle FLEXCUBE Universal Banking Base	Account
Oracle FLEXCUBE Universal Banking Retail and Small and Medium Enterprise Loans	Oracle FLEXCUBE Universal Banking Base	Account
Oracle FLEXCUBE Universal Banking Nostro Reconciliation	Oracle FLEXCUBE Universal Banking Base	Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Standing Instructions	Oracle FLEXCUBE Universal Banking Base	Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Branch	Oracle FLEXCUBE Universal Banking Base	Account
Oracle FLEXCUBE Universal Banking ATM Interface	Oracle FLEXCUBE Universal Banking Base	Account
Oracle FLEXCUBE Universal Banking Point of Sale Interface	Oracle FLEXCUBE Universal Banking Base	Account
Oracle FLEXCUBE Universal Banking Interactive Voice Response Interface	Oracle FLEXCUBE Universal Banking Base	Account
Oracle FLEXCUBE Universal Banking Process Framework Base	Oracle FLEXCUBE Universal Banking Base	Account
Oracle FLEXCUBE Universal Banking Mortgages	Oracle FLEXCUBE Universal Banking Base	Account
Oracle FLEXCUBE Universal Banking Consumer Leasing	Oracle FLEXCUBE Universal Banking Base	Account

Oracle FLEXCUBE Universal Banking Commercial Leasing	Oracle FLEXCUBE Universal Banking Base	Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Inventory Management	Oracle FLEXCUBE Universal Banking Base Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts	Account
Oracle FLEXCUBE Universal Banking Collections	Oracle FLEXCUBE Universal Banking Base	Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Microfinance	Oracle FLEXCUBE Universal Banking Base Oracle FLEXCUBE Universal Banking Retail and Small and Medium Enterprise Loans	Account
Oracle FLEXCUBE Universal Banking Safe Deposit Box	Oracle FLEXCUBE Universal Banking Base	Account
Oracle FLEXCUBE Universal Banking Corporate Deposits	Oracle FLEXCUBE Universal Banking Base	Application User Custom Suite User
Oracle FLEXCUBE Universal Banking Fixed Assets	Oracle FLEXCUBE Universal Banking Base	Application User Custom Suite User



Oracle FLEXCUBE Universal Banking Asset Management	FLEXCUBE Universal Banking Base and Oracle Banking Treasury Management	Application User Custom Suite User
Oracle FLEXCUBE Universal Banking Expense Processing	Oracle FLEXCUBE Universal Banking Base	Application User Custom Suite User

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
<b>Oracle FLEXCUBE Universal Banking Origination</b>		
Oracle FLEXCUBE Universal Banking Account Origination	Oracle FLEXCUBE Universal Banking Base	Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Term Deposits Origination	Oracle FLEXCUBE Universal Banking Base	Account
Oracle FLEXCUBE Universal Banking Retail Loan Origination	Oracle FLEXCUBE Universal Banking Base	Application User Custom Suite User Account
<b>Oracle FLEXCUBE Open Development Tools</b>		
Oracle FLEXCUBE Development Workbench	Either of Oracle FLEXCUBE Universal Banking Base or Oracle Banking Enterprise Limits and Collateral Management or Oracle Banking Corporate Lending or Oracle Banking Payments or Oracle Banking Trade Finance or Oracle Banking Treasury Management	Application User
Oracle FLEXCUBE Testing Workbench for Universal Banking	Oracle FLEXCUBE Universal Banking Base	Application User

<b>Oracle FLEXCUBE Interfaces and Tools</b>		
Oracle FLEXCUBE Integration Gateway	Either of Oracle FLEXCUBE Universal Banking Base or Oracle Banking Enterprise Limits and Collateral Management or Oracle Banking Corporate Lending or Oracle Banking Payments or Oracle Banking Trade Finance or Oracle Banking Treasury Management	Account Processor 10K API Calls
Oracle FLEXCUBE Universal Banking Connector for Oracle Identity Manager	Oracle FLEXCUBE Universal Banking Base	Connector
<b>Oracle FLEXCUBE Information Server</b>		
Oracle FLEXCUBE Information Server Base for Universal Banking	Oracle FLEXCUBE Universal Banking Base	Account
Oracle FLEXCUBE Information Server Retail Liabilities Data Mart for Universal Banking	Oracle FLEXCUBE Information Server Base for Universal Banking  Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts  Oracle FLEXCUBE Universal Banking Term Deposits	Account
Oracle FLEXCUBE Information Server Retail Assets Data Mart for Universal Banking	Oracle FLEXCUBE Information Server Base for Universal Banking  Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts  Oracle FLEXCUBE Universal Banking Retail and Small and Medium Enterprises Loans	Account

\* When Component pricing model is used, Oracle FLEXCUBE Universal Banking Base program should be licensed for cumulative number of Application Users of Oracle FLEXCUBE Universal Banking and Oracle FLEXCUBE Open Development Tools and Oracle FLEXCUBE Interfaces and Tools programs.

When licensing Oracle FLEXCUBE Universal Banking modules by Account metric, quantity of Accounts licensed for each Oracle FLEXCUBE Universal Banking module including Base must be same.

When licensing Oracle FLEXCUBE Universal Banking modules by Custom Suite User metric, quantity of CAS users licensed for each Oracle FLEXCUBE Universal Banking module including Base must be the same.

**NOTE:** # For sending SWIFT FIN messages generated in FLEXCUBE to SWIFT network or for sending FIN messages from SWIFT network to FLEXCUBE, Oracle Banking Payments Cross Border Payments Connectivity Pack 1 SKU needs to be licensed.

## 2.5 **Restricted Use License**

Not applicable to FLEXCUBE Universal Banking

## 3. Environment Details

### 3.1 Tech Stack

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle FLEXCUBE Universal Banking	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 8 Update 241
				Open Symphony Quartz	2.3.2
				Oracle Toplink	12.2.1.4.0
		Database Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	Version 19.6.0.0.0
		Reporting Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle WebLogic	12.2.1.4.0
				JDK	JDK 8 Update 241
				Oracle Database (for RCU)	19.6.0.0.0
				Oracle Analytical Server (Oracle BI Publisher)	5.5.0
		Client Machines	Windows 10	Internet Explorer	11+
				Mozilla Firefox	66+

				Google Chrome	73+	
				Microsoft Edge	44+	
				Mac OS X	Mozilla Firefox	Mozilla Firefox for Mac (62+)
					Safari	12+
					Google Chrome	73+
		Single Sign On Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	JDK	JDK 8 Update 241	
				Oracle WebLogic	12.2.1.4.0	
				Repository Creation Utility	12.2.1.4.0	
				Oracle Identity Management	12.2.1.4.0	
				Oracle SOA	12.2.1.4.0	
Oracle Identity And Access Management	12.2.1.4.0					
Oracle Webtier Utilities	12.2.1.4.0					
Oracle Webgate	12.2.1.4.0					
OULD Connector	12.2.1.4.0					
Oracle FLEXCUBE Universal Banking Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0	
	HTTP Servlet (incoming)					
	EJB (incoming)					

	MDB (incoming)				
	Notifications (outgoing)				
Oracle FLEXCUBE Universal Banking Switch Integration Gateway	Switch Integration Gateway	Integration Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	JDK	JDK 8 Update 241

Note: Oracle Platform Security Services is being included in the Package.

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## 4. Software Prerequisites

The following are the separately licensable software prerequisites for Oracle FLEXCUBE Universal Banking Products:

### 4.1 Software Pre-requisites

Product Name	Product Version	Requirements
Oracle Fusion Middleware Infrastructure	12.2.1.4.0	Standard Requirement
Oracle Weblogic Server	12.2.1.4.0	Standard Requirement
Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 241	Standard Requirement
Oracle Toplink	12.2.1.4.0	
Oracle WebCenter Content Imaging	12.2.1.4.0	
Oracle Analytics Publisher/Server	5.5.0	



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## 5. Third Party Licenses

### 5.1 Introduction

This chapter provides information on licensing of third party software that is packaged with Oracle FLEXCUBE Universal Banking. It contains the following sections:

- Apache 2.0
- MIT
- Others – Oracle (SUN)

### 5.2 Apache 2.0

#### 5.2.1. Apache Commons Codec

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

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Jackson Annotations

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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.

-----jackson-core 2.10.0 -----

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Top Level Component : closure-compiler v20200112

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