

License Guide
Oracle Banking Supply Chain Finance
Release 14.7.1.0.0
Part Number F83453-01
May 2023





License Guide

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

<https://www.oracle.com/industries/financial-services/index.html>

Copyright © 2018, 2023, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Table of Contents

1. PREFACE	1-1
1.1 INTRODUCTION	1-1
1.2 AUDIENCE	1-1
1.3 DOCUMENTATION ACCESSIBILITY	1-1
1.4 ORGANIZATION	1-1
1.5 RELATED DOCUMENTS	1-1
2. ORACLE BANKING SUPPLY CHAIN FINANCE LICENSING	2-1
2.1 INTRODUCTION	2-1
2.2 GENERAL LICENSING RULES	2-1
2.3 COMPONENTS INCLUDED IN LICENSE	2-1
2.4 SEPARATELY LICENSED PRE-REQUISITE PRODUCTS AND LICENSING METRIC	2-1
2.5 RESTRICTED USE LICENSE.....	2-1
3. SOFTWARE PREREQUISITES	3-1
3.1 TECH STACK – ORACLE BANKING SUPPLY CHAIN FINANCE	3-1
4. THIRD-PARTY LICENSES	4-1
4.1 INTRODUCTION	4-1
4.1.1 <i>Apache License 2.0</i>	4-1
4.1.2 <i>The MIT License</i>	4-1
4.1.3 <i>Others</i>	4-5
4.2 THIRD PARTY LICENSE INFORMATION.....	4-5

1. Preface

1.1 Introduction

This guide helps you understand the guiding rules for Oracle Banking Supply Chain Finance licensing, the components included in the license and the units that are separately licensed.

This guide also provides information on the third-party software that is packaged with Oracle Banking Supply Chain Finance.

1.2 Audience

This guide 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 Organization

This manual is organized into the following chapters:

Chapter	Description
Chapter 1	Provides information on the intended audience. It also lists the various chapters covered in this license guide.
Chapter 2	Provides information on Oracle Banking Supply Chain Finance licensing.
Chapter 3	Provides information on the technology pre-requisites required for Oracle Banking Supply Chain Finance.
Chapter 4	Provides information on licensing of third-party software that are packaged with Oracle Banking Supply Chain Finance.

1.5 Related Documents

For more information, refer to the following documents:

- Oracle Banking Supply Chain Finance User Manuals

2. Oracle Banking Supply Chain Finance Licensing

2.1 Introduction

This chapter provides information on Oracle Banking Supply Chain Finance Licensing. It contains the following sections:

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

2.2 General Licensing Rules

Not applicable to Oracle Banking Supply Chain Finance.

2.3 Components Included in License

Not applicable to Oracle Banking Supply Chain Finance.

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.

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle Banking Supply Chain Finance	Oracle Database Enterprise Edition, Oracle HTTP Server, Oracle Weblogic, Oracle WebCenter Content	\$M in Supply Chain Finance Under Management

2.5 Restricted Use License

Oracle Banking Supply Chain Finance includes restricted use of Oracle Coherence Enterprise Edition.

3. Software Prerequisites

3.1 Tech Stack – Oracle Banking Supply Chain Finance

Table 1 Tech Stack - Oracle Banking Supply Chain Finance

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Supply Chain Finance	Single Instance Standalone	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0 + **Patch 32077936
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 8 Update 341 or JDK 11.0.16
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.18.0.0.0 (19c)
		Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-3.4.0
				Apache ZooKeeper (Embedded with Kafka)	3.6.3
		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	87+
				Google Chrome	88+
				Microsoft Edge	89+
				Apple Safari	14+

**** Patch 32077936:** JSF APPLICATION RESPONSE ISSUE FOR HTTPS PROTOCOL WHEN HTTP2 IS ENABLED.

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

Table 2 UI Stack

Software Type	Recommended Software	Version Number
UI	Oracle JET	v13.0.0

4. Third-Party Licenses

4.1 Introduction

This chapter provides information on licensing of third-party software that are packaged with Oracle Banking Supply Chain Finance 14.7.1.0.0 product release. It contains the following sections:

- Apache License 2.0
- The MIT License
- Others

4.1.1 Apache License 2.0

The following libraries include software developed by The Apache Software Foundation (<https://www.apache.org>).

For license information, See “Apache License 2.0”.

Licensed Software	Version
flyway-core	6.5.5
cglib	3.3.0
velocity-engine-core	2.3
velocity-tools-generic	3.1
shedlock-provider-jdbc-template	4.30.0
shedlock-spring	4.30.0
Oracle Replacement Configurator (ORC)	16.13.16
POI	5.2.0
Commons IO	2.11.0
connexion	2.12.0
pytesseract	0.3.9
GSON	2.9.0
Conductor	3.5.2
jslt	0.1.11
Commons CSV	1.9.0
python-dateutil	2.8.2
camel-core	3.14.1

Licensed Software	Version
camel-resilience4j	3.14.1
camel-cxf	3.14.1
importlib-metadata	4.11.2
XMLBeans	5.0.3
pyxDamerauLevenshtein	1.7.0
tesseract	5.1.0
spring-cloud-starter-zipkin	2.2.8
spring-cloud-starter-netflix-zuul	2.2.10
spring-cloud-netflix-hystrix	2.2.10
spring-cloud-starter-stream-kafka	3.1.6
tess4j	5.2.1
PDFBox	2.0.26
json-path	2.7.0
swagger-parser-core	2.1.1
swagger-parser-v2-converter	2.1.1
tika-core	1.28.4
jackson-jaxrs-json-provider	2.13.2
swagger-parser-v3	2.1.1
Avro for Java	1.11.0
spring-cloud-stream-schema	2.2.1
jackson-dataformat-xml	2.13.2
Flask	2.2.2
jackson-dataformat-cbor	2.13.2
spring-jms	5.3.23
log4j-core	2.19.0
Log4j-API	2.19.0
log4j-slf4j2-impl	2.19.0
jjwt-impl	0.11.5
jjwt-api	0.11.5
Commons FileUpload	1.5

Licensed Software	Version
spring-cloud-netflix-eureka-client	3.1.5
Ant	1.10.13
spring-cloud-starter-netflix-eureka-client	3.1.5
spring-cloud-sleuth-zipkin	3.1.5
spring-security-oauth2-authorization-server	0.4.1
spring-security-saml2-service-provider	5.8.2
spring-security-core	5.8.2
Spring-Security-Web	5.8.2
Spring-Security-Config	5.8.2
spring-security-ldap	5.8.2
spring-cloud-starter-sleuth	3.1.5
spring-cloud-starter-config	3.1.5
spring-cloud-starter-bootstrap	3.1.5
jjwt-extensions-jackson	0.11.5
spring-cloud-config-server	3.1.5
spring-cloud-netflix-eureka-server	3.1.5
mapstruct-core	1.5.3
micrometer-registry-prometheus	1.10.4
HttpComponents HttpClient	4.5.14
jcl-over-slf4j	2.0.6
HikariCP	5.0.1
log4j-over-slf4j	2.0.6
modelmapper-core	3.1.1
swagger-annotations	1.6.9
Apache FOP	2.8
spring-boot-starter-logging	2.7.8
spring-boot-starter-data-jpa	2.7.8
netty-transport-native-epoll	4.1.90
netty-codec-http	4.1.90
swagger-ui	4.14.3

Licensed Software	Version
Kafka	3.4.0
spring-boot-starter-aop	2.7.8
spring-boot-starter-batch	2.7.8
spring-boot-starter-hateoas	2.7.8
spring-boot-starter-jdbc	2.7.8
spring-boot-starter-json	2.7.8
spring-boot-starter-web	2.7.8
spring-boot-starter-validation	2.7.8
spring-boot-starter-tomcat	2.7.8
spring-boot-starter-jersey	2.7.8
spring-cloud-starter-gateway	3.1.4
Guava	31.1
Spring-security-crypto	5.8.2
spring-test	5.3.26
OpenCSV	5.7.1

4.1.2 The MIT License

The below library includes software developed by MIT Licensor.

Licensed Software	Version
datefinder	0.7.1
pyap	0.3.1
pdf2image	1.16.0
python-magic	0.4.25
six	1.16.0
opencv-python	4.5.5.62
jsoup	1.15.3
lodash	4.17.21
bignumber.js	9.0.2

4.1.3 Others

Licensed Software	Version
Jakarta Mail	2.0.1
configparser	5.2.0
pybase64	1.2.1
Numpy	1.22.2
dateparser	1.1.0
Pandas	1.4.1
scikit-learn	1.0.2
JavaScript Extension Toolkit (JET)	13.0.0
Saxon-HE	11.4
Python Imaging Library (Pillow)	9.3.0
slf4j-api	2.0.0
slf4j-nop	2.0.0
coherence-spring-core	3.3.0
coherence-spring-boot-starter	3.3.0
WSDL4J	1.6.3
jul-to-slf4j	2.0.6
Lombok	1.18.26
JSON in Java	20230227
EclipseLink JPA	2.7.12
EclipseLink	2.7.12
JQuery UI	1.13.2

4.2 Third Party License Information

This topic provides information on licensing of third-party software that is packaged with this product. For more details on Oracle Banking Supply Chain Finance third-party license information, refer the following link.

[Third Party Licensing Information](#)