License Guide
Oracle Banking Payments
Release 14.5.0.0.0
Part No. F42401-01
Sep 2021

ORACLE
FINANCIAL SERVICES

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License Guide
May 2021
Version 14.5.0.0.0

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1. Preface

1.1 Introduction

This document helps you understand the guiding rules for Oracle Banking Payments 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 Banking Payments.

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 Banking Payments User Manuals

2. Oracle Banking Payments Licensing

2.1 Introduction

This chapter provides information on Oracle Banking Payments 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

Not applicable to Oracle Banking Payments.

2.3 Components Included in License

The following component is included in any of Oracle Banking Payments licensed module as listed in section 2.4:

* **Oracle Banking Payments Base**

This includes the subcomponents as listed below:

- Core Maintenances
- Payments related maintenances
- Exception Queues
- Pricing & Common Services

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)
Banking Payments Domestic Low Value Payments	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Banking Payments Domestic High Value Payments	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions

Banking Payments Cross Border	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Banking Payments Book Transfers	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Banking Payments Direct Debit Collections	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Banking Payments Faster Payments	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Banking Payments Bulk File Handling	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Banking Payments RTP Messaging Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Banking Payments Faster Payments	10K Messages
Banking Payments RTP Messaging Pack 2	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Banking Payments Faster Payments	10K Messages
Banking Payments RTP Connectivity Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Banking Payments RTP Messaging Pack 1	10K Messages
Banking Payments RTP Connectivity Pack 2	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Banking Payments RTP Messaging Pack 2	10K Messages
Banking Payments ACH Messaging Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Banking Payments Low Value Payments	10K Messages

Banking Payments ACH Messaging Pack 2	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench and either Banking Payments Domestic Low Value or Banking Payments Direct Debit Collections	10K Messages
Banking SWIFT Connectivity Pack	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Messages
Banking Payments SWIFTNet FileAct	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	1 Gigabyte
Banking Payments RTGS Messaging Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Banking Payments High Value Payments	10K Messages
Banking Payments RTGS Messaging Pack 2	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Banking Payments High Value Payments	10K Messages
Banking Payments RTGS Connectivity Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Banking Payments RTGS Messaging Pack 1	10K Messages
Banking Payments Cross Border Payments Messaging Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Oracle Banking Payments Cross Border Payments	10K Messages
Banking Payments ACH Connectivity Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Banking Payments ACH Messaging Pack 1 or Banking Payments RTGS Messaging Pack 1	10K Messages

Oracle Banking Payments Instruments – Clearing	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Oracle Banking Payments Instruments – Demand Draft & Banker's Cheque	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Oracle Banking Payments Instruments – Positive Pay	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Oracle Banking Payments for Enterprise	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	1 Million Transactions

2.5 10K Messages – License Metric Definition

For Banking Payments Cross Border Payments Messaging Pack 1, Banking Payments ACH Messaging Pack 1, Banking Payments ACH Messaging Pack 2, Banking Payments RTP Messaging Pack 1, Banking Payments RTGS Messaging Pack 1, Banking Payments RTGS Messaging Pack 2 SKUs

Banking Payments Cross Border Payments Messaging Pack 1 - 10K Messages: is defined as ten thousand messages exchanged over a 12 month period. For the purposes of Oracle Banking Payments Cross Border Payments Messaging Pack 1 Program, the number of messages shall be equal to sum of –

- SWIFT MT FIN messages sent or received from SWIFT
- SWIFT GPI Messages sent and/or received from SWIFT
- Domestic high value Networks based on SWIFT FIN Y Copy Messaging Standards

Banking Payments ACH Messaging Pack 1 – 10K Messages: is defined as ten thousand messages exchanged over a 12-month period. For the purposes of Oracle Banking Payments ACH Messaging Pack 1 Program, the number of messages shall be equal to sum of –

- India NEFT messages bulked and/or de-bulked for files that are sent and/or received from India NEFT network.
- India NACH messages bulked and/or de-bulked for files that are sent and/or received from India NACH network.
- China BEPS messages sent or received from CNAPS BEPS systems. The messages types includes but not limited to customer credit transfer, enquiry, Request for Debit, Status & response messages

- Network agnostic ISO20022 ACH messages bulked and/or de-bulked for files that are sent and/or received from ACH networks adhering to ISO20022 messaging standards

Banking Payments ACH Messaging Pack 2 - 10K Messages: is defined as ten thousand messages exchanged over a 12-month period. For the purposes of Oracle Banking Payments ACH Messaging Pack 2 Program, number of messages shall be equal to sum of –

- SEPA Credit Transfer messages bulked and/or de-bulked for files that are sent and/or received from a SEPA network
- SEPA Direct Debits messages bulked and/or de-bulked for files that are sent and/or received from a SEPA network
- US ACH payment messages bulked and/or de-bulked for files that are sent and/or received from the US ACH payment network.

Banking Payments RTP Messaging Pack 1 - 10K Messages: is defined as ten thousand messages exchanged over a 12-month period. For the purposes of Oracle Banking Payments RTP Messaging Pack 1 Program, number of messages shall be equal to sum of –

- Incoming messages received and/or outgoing messages generated by SEPA Instant Credit Transfer. This includes, but is not limited to, payment messages, recall requests, payment status reports, recall response, payment return, inquiry and response messages and statement messages.
- Incoming messages received and/or outgoing messages generated by US RTP program. This includes, but is not limited to, payment messages, recall requests, recall response, payment return, inquiry and response messages

Banking Payments RTP Messaging Pack 2 - 10K Messages: is defined as ten thousand messages exchanged over a 12-month period. For the purposes of Oracle Banking Payments RTP Messaging Pack 2 Program, number of messages shall be equal to sum of –

- Incoming messages received and/or outgoing messages generated under the India IMPS Transfers. This includes, but is not limited to, payment messages, recall requests, payment status reports, recall response, payment return, inquiry and response messages and statement messages.
- Incoming messages received and/or outgoing messages generated under the India UPI program. This includes, but is not limited to, payment messages, recall requests, recall response, payment return, inquiry and response messages
- Incoming messages received and/or outgoing messages generated under the HK FPS program. This includes, but is not limited to, payment messages, recall requests, recall response, payment return, inquiry and response messages

Oracle Banking Payments RTGS Messaging Pack 1 – 10K Messages: is defined as ten thousand messages exchanged over a 12-month period. For the purposes of Oracle Banking Payments RTGS Messaging Pack 1 program, the number of messages shall be equal to sum of –

- India RTGS Payments Messages that are sent and/or received from India RTGS Payment Network.

- CNAPS HVPS Payments Messages that are sent and/or received from CNAPS HVPS Payment Network. The messages types includes but not limited to customer credit transfer, Bank Transfer, Enquiry, Status & response messages

Oracle Banking Payments RTGS Messaging Pack 2 - 10K Messages: is defined as ten thousand messages exchanged over a 12 month period. For the purposes of Oracle Banking Payments RTGS Messaging Pack 2 program, the number of messages shall be equal to sum of –

- US Fedwire Payment Messages that are sent and/or received from US Fedwire Payment Network.
- US CHIPS Payment Messages that are sent and/or received from US CHIPS Payment Network.

2.6 Network Support

Oracle Banking Payments ACH Messaging Pack 1	Network Support – India NEFT, India NACH , China – BEPS , Generic ACH Networks
Oracle Banking Payments ACH Messaging Pack 2	Network Support – EU SCT, EU SDD,US ACH
Oracle Banking Payments RTGS Messaging Pack 1	Network Support – India RTGS, China- HVPS
Oracle Banking Payments RTGS Messaging Pack 2	Network Support – US Fedwire , US CHIPS
Oracle Banking Payments RTP Messaging Pack 1	Network Support – SEPA Instant, US RTP
Oracle Banking Payments RTP Messaging Pack 2	Network Support – India IMPS , India UPI , Hong Kong FPS
Oracle Banking Payments Cross Border Payments Messaging Pack 1	Network Support – SWIFT FIN MT Messaging, SWIFT GPI Messaging, Domestic High Value Payments based on SWIFT FIN Y Copy Messaging standards

2.7 Restricted Use License

Not applicable to Oracle Banking Payments

3. Environment Details

3.1 Tech Stack

Please refer the Release Notes for Tech Stack Details.

4. Software Prerequisites

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

* 4.1 Software Pre-requisites

Product Name	Product Version	Requirements
Oracle Fusion Middleware Infrastructure	12.2.1.4.0	Oracle Banking Payments and Oracle Banking Payments Gateway supports WebLogic.
Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 8 Update 241	Standard Requirement
Quartz Job Scheduler	2.3.2	Standard Requirement
Oracle Toplink	12.2.1.4.0	Standard Requirement
Oracle Platform Security Services	12.2.1.4.0	Standard Requirement
Oracle Database 19c Enterprise Edition Release	19.10.0.0.0	Standard Requirement With Partitioning option.
Oracle SOA suite	12.2.1.4.0	Optional- Required if Single Sign On is required. Refer release notes for dependent software.
Oracle WebLogic Server	12.2.1.4.0	Optional- Required if Single Sign On is required. Refer release notes environment details section for dependent software.
Oracle Java Runtime Environment	JRE 8.0.241	Optional- Required if Single Sign On is required. Refer release notes environment details section for dependent software.
Oracle Identity Management (OID)	12.2.1.4.0	Optional - Required if Single Sign On is required. Refer release notes environment details section for dependent software (Single Sign On Server).

Oracle Identity And Access Management	12.2.1.4.0	Optional - Required if Single Sign On is required. Refer release notes environment details section for dependent software (Single Sign On Server).

5. Third Party Licenses

5.1 Introduction

This chapter provides information on licensing of third party software that is packaged with this product. It contains the following sections:

- Apache License 2.0
- MIT License
- EDL 1.0
- Others
- Third Party Libraries

5.2 Apache License 2.0

Apache 2.0 tika-core 1.25

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Version 2.0, January 2004

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4th Party Component #7: batik-css

4th Party Component #8: batik-dom

4th Party Component #9: batik-ext

4th Party Component #10: batik-extension

4th Party Component #11: batik-gvt

4th Party Component #12: batik-i18n

4th Party Component #13: batik-parser

4th Party Component #14: batik-script

4th Party Component #15: batik-shared-resources

4th Party Component #16: batik-svg-dom

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"Top Level Component : camel-core-3.5.0

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(camel-api-3.5.0.jar,camel-base-3.5.0.jar,camel-core-engine-3.5.0.jar,camel-management-api-3.5.0.jar,camel-support-3.5.0.jar,camel-util-3.5.0.jar)

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listenablefuture, v9999.0-empty-to-avoid-conflict-with-guava, Apache 2.0

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Google Tesseract 4.1.1

"Tesseract 4.1.1

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Terracota Quartz Job Scheduler 2.3.2

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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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Pako 1.0.2

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lie 3.3.0

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readable-stream 2.3.6

https://github.com/nodejs/readable-stream/releases/tag/v2.3.6

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set-immediate-shim 1.0.1

https://github.com/sindresorhus/set-immediate-shim/releases/tag/v1.0.1

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Module Name: immediate

Version: 3.0.6

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core-util-is@1.0.2

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safe-buffer@5.1.2

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string_decoder@1.1.1

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scikit-image team scikit-image 0.17.2

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skimage/_shared/version_requirements.py:_check_version

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Name: Decorator

Files: scipy/_lib/decorator.py

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Name: ID

Files: scipy/linalg/src/id_dist/*

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Name: L-BFGS-B

Files: scipy/optimize/lbfgsb/*

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Name: SuperLU

Files: scipy/sparse/linalg/dsolve/SuperLU/*

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Name: ARPACK

Files: scipy/sparse/linalg/eigen/arpack/ARPACK/*

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Name: Qhull

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Arlington, MA

and

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Name: Cephes

Files: scipy/special/cephes/*

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Name: Faddeeva

Files: scipy/special/Faddeeva.*

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Name: qd

Files: scipy/special/cephes/dd_*.[ch]

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Files: scipy/fft/_pocketfft/[pocketfft.h, pypocketfft.cxx]

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Name: uarray

Files: scipy/_lib/uarray/*

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Name: ampgo

Files: benchmarks/benchmarks/go_benchmark_functions/*.py

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Functions for testing global optimizers, forked from the AMPGO project, https://code.google.com/archive/p/ampgo

Name: pybind11

Files: no source files are included, however pybind11 binary artifacts are included with every binary build of SciPy.

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Apache Software Foundation	commons-logging	1.2-1b97e70

Barry Warsaw	importlib-metadata	1.7.0
Boxfuse GmbH	flyway-core	6.5.5
FasterXML, LLC	jackson-annotations	2.12.1
FasterXML, LLC	jackson-core	2.12.1
FasterXML, LLC	jackson-databind	2.12.1
FasterXML, LLC	jackson-dataformat-cbor	2.11.2
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Google	GSON	2.8.6
Google	Guava	29.0
Google	Tesseract	4.1.1
Google	closure-compiler	20210106
Jonathan Halterman	modelmapper	2.3.8
Kalle Stenflo	JsonPath	2.4.0-1ed1ea0
MapStruct Authors	mapstruct	1.4.2.Final
Matthias Lee	pytesseract	0.3.4
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The Apache Software Foundation	sshd-common	2.6.0
The Apache Software Foundation	sshd-core	2.6.0
The Apache Software Foundation	sshd-sftp	2.6.0
The Apache Software Foundation	velocity-tools-generic	3.0-422ed61
The Netty Project	netty-codec-http	4.1.52.Final
The Netty Project	netty-transport-native-epoll	4.1.52.Final
VMware	micrometer-registry-prometheus	1.6.4
Zalando SE	connexion	2.7.0
Zaxxer.com	HikariCP	3.4.5
josdejong	math.js	5.9.0
jsonwebtoken.io	jjwt	0.11.2

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Marco Ziccardi	Node-TimSort	0.3.0
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Tim Wood, Iskren Chernev, Moment.js contributors	Moment.js	2.24.0
Vladimir Goncharov	Pyap	0.3.1
jsoup.org	Jsoup	1.13.1
Edouard Belval	pdf2image	1.14.0
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Alex Clark and contributors	Python Imaging Library (Pillow)	7.2.0
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