

License Guide
Oracle Banking Payments
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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)
Oracle Banking Payments ACH		10K Transactions
Oracle Banking Payments RTGS		
Oracle Banking Payments Cross Border		
Oracle Banking Payments Book Transfers		
Oracle Banking Payments Real Time		
Oracle Banking Payments Instruments		
Oracle Banking Payments for Enterprise		1M Transactions

Payment Product Processor SKU to Module mapping:

SKU	User Manual
Banking Payments ACH	ACH Credit User Guide
	EU SEPA Credit Transfer User Guide
	China CNAPS User Guide
	US NACHA User Guide
	India NEFT User Guide
	ACH Debit User Guide
	EU SEPA Direct Debits User Guide
	Bulk File Handling User Guide
Banking Payments RTGS	RTGS FIN User Guide
	Generic Wires ISO User Guide
	US Fedwire User Guide
	US CHIPS User Guide
	China CNAPS User Guide

	India RTGS User Guide
Banking Payments Cross Border	Cross Border Payments User Guide
	Generic Wires ISO User Guide
Banking Payments Book Transfers	Book Transfer User Guide
Banking Payments Real Time	EU SEPA Instant Credit User Guide
	EU TIPS User Guide
	US Real-Time Payments User Guide
	India IMPS User Guide
	India UPI User Guide
Banking Payments Instruments	Instruments & Clearing User Guide

2.5 10K Transactions – License Metric Definition

10K Transactions: is defined as ten thousand transactions processed through the Program during a 12 month period.

For the purposes of the Oracle Banking Payments programs, transactions include payments, messages and files data exchanged. Transactions can be, but are not limited to funds transfers, card payments, online payments, mobile payments, financial service kiosk originated payments, biometric payments, P2P payments, electronic direct debits, instruments collections, demand drafts and banker's cheques. Each record processed in a bulk file will be counted as a transaction

2.6 Network Support

Oracle Banking Payments ACH	Network Support – India NEFT, China – BEPS, EU SCT, EU SDD, NACHA
Oracle Banking Payments RTGS	Network Support – India RTGS, China- HVPS, US Fedwire, CHIPS, TARGET2
Oracle Banking Payments Real Time	Network Support – SEPA Instant, US RTP
Oracle Banking Payments Cross Border	Network Support – SWIFT FIN MT Messaging, SWIFT gpi Messaging, SWIFT MX Messaging, 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

Tech Stack - Oracle Banking Payments

Component	Deployment Option	Machine	Operating System	Software	Version Number
Oracle Banking Payments	Single Instance Standalone	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle 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

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>



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.

UI Stack

Software Type	Recommended Software	Version Number	Remarks
UI	Oracle JET	v15.0.0	Oracle OJET is packaged with the product

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 WebLogic Server	14.1.1.0.0	Standard Requirement
Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 11	Standard Requirement
Oracle Toplink	14.1.1.0.0	Standard Requirement
Oracle Database 19c Enterprise Edition Release	19.16.0.0.0	Standard Requirement With Partitioning option.

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

5.2 Apache License 2.0

Provider	Component(s)	Version	Licensing Information
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Bouncy Castle library (bcprov-*.jar, bcpkg-*.jar, bcpxix-*.jar)

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Log4j 2 library (log4j-api-*.jar)
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inbot-utils (<https://github.com/Inbot/inbot-utils>)

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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.

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The specification of DOM Level 3's various parts is at:

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<http://www.w3.org/TR/2004/REC-DOM-Level-3-LS-20040407/>

<http://www.w3.org/TR/2004/NOTE-DOM-Level-3-XPath-20040226/>

The specification of DOM Level 2's various parts is at:

<http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113/>

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<http://www.w3.org/TR/2000/REC-DOM-Level-2-Views-20001113/>

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David Megginson, david@megginson.com
2000-05-05

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2006-Jan-27

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dragon4

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

<https://gist.github.com/imneme/f1f7821f07cf76504a97f6537c818083>

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Name: PHILOX

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Name: PCG64

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PCG Random Number Generation for C.

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Name: MT19937

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The `rk_random` and `rk_seed` functions algorithms and the original design of the Mersenne Twister RNG:

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Original algorithm for the implementation of rk_interval function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the rk_double implementation by Isaku Wada.

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Name: Julia

The ziggurat methods were derived from Julia.

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<https://github.com/JuliaLang/julia/contributors>

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Name: Random

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Components

Many parts of this module have been derived from original sources, often the algorithm's designer. Component licenses are located with the component code.

Name: nympy.core.ma

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5.3 Third Party Libraries

This section provides details of the libraries that use the following third party software:

- Apache 2.0

5.3.1 Apache 2.0

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

Copyright Holder	Licensed Technology	Version
The Apache Software Foundation	AVRO	1.11.3
The Netty Project	netty-codec-http	4.1.109.Final
The Netty Project	netty-transport-native-epoll	4.1.109.Final
The Apache Software Foundation	POI	5.2.0
Netflix	Conductor	3.5.2
The Apache Software Foundation	spring-cloud-starter-stream-kafka	3.1.6
The Apache Software Foundation	tika-core	1.28.4
The Apache Software Foundation	Commons FileUpload	1.5
The Apache Software Foundation	spring-cloud-starter-netflix-eureka-client	3.1.5
Pivotal, Inc.	spring-security-oauth2-authorization-server	0.4.1
Pivotal Software, Inc	spring-cloud-starter-config	3.1.5
jsonwebtoken.io	jjwt-extensions-jackson	0.11.5
Pivotal Software, Inc	spring-cloud-config-server	3.1.5
The Apache Software Foundation	spring-cloud-netflix-eureka-server	3.1.5
The Apache Software Foundation	Apache FOP	2.8
Pivotal Software, Inc	spring-cloud-starter-gateway	3.1.4

The Pallets Team	Flask	2.2.5
Google	Guava	32.0.1
Pivotal, Inc.	Spring-Security-Config	5.8.5
Pivotal, Inc.	Spring-security-crypto	5.8.5
Pivotal, Inc.	spring-security-core	5.8.5
Pivotal, Inc.	spring-security-ldap	5.8.5
Pivotal, Inc.	Spring-Security-Web	5.8.5
Pivotal, Inc.	spring-security-saml2-service-provider	5.8.5
Alec Koumjian	datefinder	0.7.3
Schibsted Marketplaces Products & Technology As	jslt	0.1.14
Scrapinghub	dateparser	1.1.8
Olli-Pekka Heinisuo	opencv-python	4.8.1.78
The Apache Software Foundation	Commons CSV	1.10.0
FasterXML, LLC	jackson-dataformat-xml	2.15.2
FasterXML, LLC	jackson-dataformat-cbor	2.15.2
FasterXML, LLC	jackson-jaxrs-json-provider	2.15.2
Red Gate Software Ltd	flyway-core	8.5.13