

License Compliance Due Diligence of Third-Party Software Used In TCS Assets

To comply with the License Terms and Conditions of third-party Software, used at Development Env. and required as prerequisite at Target Environment.

Asset Details	
OU name	Components Engineering Group1.0
Brand Name of the TCS IP Asset	Jile
Name of the TCS IP Asset	Jile
Version #	6.1
Build #	25032024-2
Build Date	25-Mar-2024
TIPAR #	TIPAR-082023-000005
Asset owner	Debiprasad Swain
Email ID of Asset owner	debiprasad.swain@tcs.com
Service Request Details	
Service Request number	SR_48433
Reviewed by	Brajesh Singh
Reviewed Date	25-Apr-2024
Approval status	Approved
Report is valid till	24-Jan-2025

Recommendation:

- Asset owner should ensure compliance to all obligations mandated by the licenses of the list of software mention in Annexure I and used in asset detailed above.
- Customer contract should have appropriate clauses approved by corporate legal addressing the use of third-party software for the asset development and software required as pre-requisite at target/runtime environment.
- This asset is allowed to be deployed in a SaaS Mode Only due to restrictive terms of iText license.
- The applicable license terms of Ext JS as of today are as per Sencha Software License Agreement(v3.23) is found at: <https://www.sencha.com/legal/sencha-software-license-agreement/>
- The above link also describes prohibited use, which DOES NOT allow software to be used in application builder. So, please have necessary measures in place so that we never use Ext JS within other TCS IP Asset, as it is an app builder. Nor should our generated code ever contain Ext JS.
- For Ext JS, not more than 25 developers are allowed as per Ext JS License Terms.
- A list of developers should be maintained who have Ext JS on their machines (whether they use or not is immaterial). License between users can be moved ONLY every 6 months. This means you've to govern uninstallation of Ext JS from every developer that moves out of your team, and you can't provide another developer a copy if original developer moves out within 6 months of receiving Ext JS copy.
- Ext JS as integrated into our application, can be distributed along with application.

Consent form Asset owner and Disclaimer:

- It is confirmed by the asset owner that he/she has disclosed all the software/components which are required to perform third-party software usage (license) due diligence. Asset owner and/or the Asset SPOC has filled up the third-party software template correctly and

completely and shared the same with the auditors. Asset owner/SPOC shall be liable for further question form senior management if there are any discrepancies in the list of software/components.

- Annexure I include the list of software/components which are used at Development and Testing Environment (Standard Operating Environment (SOE) and Development technology stack) and Target customer Environment (Software / Tools Workbench). Auditors/Assessment CoE shall not to be held responsible if any such third-party software is not reported/disclosed before/during the third-party software usage (license) due diligence.

Annexure: I

Table 1: Development and Testing Environment (Standard Operating Environment (SOE) and Development technology stack)

Following software/technologies are used **internally in TCS for Development and Testing** for **Jile_v6.1**. License and usage obligation are been verified and are found to be compliant to as per license usage terms and conditions.

S. No	Module	Name and Source of Software (Version)	License Details	Purpose of the Tool	Usage (Dev/ Test) Internally in TCS environment
1	All	PostgreSQL v11.11, v13.6, https://www.postgresql.org	Open Source, License: PostgreSQL License, License URL: https://www.postgresql.org/about/licence/ , Expiry Date: NA.	DB Server	Development and Testing
2	All	Spring tool suite 3.8.4, https://spring.io/tools	Open Source, License: Eclipse Public License - v 1.0, License URL: https://github.com/spring-projects/toolsuite-distribution/blob/main/license.txt , Expiry Date: NA.	IDE and Server	Development and Testing
3	All	Node Server 8.9, https://nodejs.org/en/	Open Source, License: Node.js License,	Node setup	Development and Testing

			License URL: https://raw.githubusercontent.com/nodejs/node/master/LICENSE ,		
4	All	Maven 3.2.3, http://maven.apache.org/	Open Source, License: Apache License V2.0, License URL: https://maven.apache.org/ref/3.0/license.html , Expiry Date: NA.	Build process	Development and Testing
5	All	JDK 1.8.0.u191, https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html	Freeware, License: Oracle Binary Code License Agreement for the Java SE Platform Products and JavaFX, License URL: https://www.oracle.com/technetwork/java/javase/terms/license/index.html , Expiry Date: NA.	JVM	Development and Testing
6	All	SVN server 1.8, https://www.visualsvn.com/server/	Freeware, License: Community License, License URL: https://www.visualsvn.com/server/licensing/ , Expiry Date: NA.	Code Repository	Development and Testing
7	All	TortoiseSVN 1.8, http://tortoisesvn.net/	Open Source, License: GNU General Public License v2.0, License URL: https://tortoisesvn.net/docs/nightly/TortoiseSVN_en/tsvn-preface-source.html ,	Code Repository client	Development and Testing

			Expiry Date: NA.		
8	All	Chrome 83, https://www.google.com/chrome/	Freeware, License: Google Chrome Terms of Service, License URL: https://www.google.com/intl/en_sg/chrome/privacy/eula_text.html , Expiry Date: NA.	Browser	Development and Testing
9	All	Visual Studio Code 1.1.3, https://code.visualstudio.com	Freeware, License: MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT VISUAL STUDIO CODE, License URL: https://code.visualstudio.com/license , Expiry Date: NA.	IDE	Development and Testing
10	All	Notepad ++ 6.8, https://notepad-plus-plus.org/	Open Source, License: GNU General Public License v2.0, License URL: https://notepad-plus-plus.org/ , Expiry Date: NA.	Editor	Development and Testing
11	All	Windows 10, https://www.microsoft.com/en-in/windows	License Procured By TCS, License: Microsoft Software License Term, License URL: NA, Expiry Date: NA.	Operating system	Development and Testing
12	All	RHEL 7.9, https://www.redhat.com/en/technologies/linux-platforms/enterprise-linux	License Procured By TCS, License: RedHat Enterprise Linux License, License URL: NA, Expiry Date: NA.	Operating system	Development and Testing
13	All	Adobe Illustrator CS7,	License Procured By TCS,	Video Editing Software	Development and Testing

		https://www.adobe.com/in/products/illustrator.html	License: Adobe Enterprise Term License Agreement (ETLA), License URL: https://www.adobe.com/content/dam/acom/en/buying-programs/pdfs/etla-overview-com-gov-en.pdf , Expiry: 31-Dec-2025.		
14	All	Apache HTTPD 2.4.x, https://httpd.apache.org/	Open Source, License: Apache License V2.0, License URL: https://github.com/apache/httpd/blob/trunk/LICENSE , Expiry Date: NA.	web server for static contents	Development and Testing
15	All	iText pdf 5.5.x, https://itextpdf.com/en	License Procured By TCS, License: iText Commercial License, License URL: https://itextpdf.com/commercial , Expiry: NA.	Java library for creating pdf and digital signatures	Development and Testing
16	All	Azure Database for PostgreSQL, https://azure.microsoft.com/en-us/services/postgresql/	License Procured By TCS, License: Microsoft Azure pay-as-you-go License, License URL: NA, Expiry: NA.	Fully managed, intelligent, and scalable PostgreSQL	Development and Testing
17	All	Azure Cache for Redis, https://azure.microsoft.com/en-in/services/cache/	License Procured By TCS, License: Microsoft Azure pay-as-you-go License, License URL: NA, Expiry: NA.	Distributed, in-memory, scalable solution providing super-fast data access	Development and Testing

18	All	Azure Virtual Machines, https://azure.microsoft.com/en-in/services/virtual-machines/	License Procured By TCS, License: Microsoft Azure pay-as-you-go License, License URL: NA, Expiry: NA.	Create Linux and Windows virtual machines (VMs) in seconds and reduce costs.	Development and Testing
19	All	Open JDK v11, https://openjdk.java.net/install/	Open Source, License: GNU General Public License, version 2, with the Classpath Exception, License URL: https://openjdk.java.net/legal/gplv2+ce.html , Expiry Date:NA	SDKs	Development and Testing
20	All	Eclipse Oxygen, https://www.eclipse.org/	Opensource, License: Eclipse Public License 2.0, License URL: https://www.eclipse.org/legal/epl-2.0/ , Expiry Date: NA	IDEs	Development and Testing
21	All	WildFly v18.0.1. Final, https://www.wildfly.org/	Open source, License: GNU Lesser General Public License v 2.1, License URL: https://github.com/wildfly/wildfly/blob/main/LICENSE.txt , Expiry Date: NA	Application Server	Development and Testing
22	All	Hibernate v5.2, https://sourceforge.net/projects/hibernate/files/hibernate5/	Open source, License: GNU Lesser General Public License v2.1, License URL: https://hibernate.org/community/license/ , Expiry Date: NA	ORM	Development and Testing

23	All	Apache Struts v1.3, https://struts.apache.org/download.cgi	Open Source, License: Apache License 2.0, License URL: https://github.com/apache/struts/blob/master/ LICENSE , Expiry Date: NA	Web Framework	Development and Testing
24	All	Microsoft Office Professional Plus 365, https://www.office.com/	License procured by TCS, License: Microsoft Commercial License, License URL: NA/ Expiry Date: NA	Documentation, Creation of Diagram, pictures etc.	Development and Testing
25	All	Ext JS v5.1, https://www.sencha.com/products/touch/download/	License procured by TCS, License: Sencha Software License Agreement, License URL: https://www.sencha.com/legal/#Sencha_Ext_JS , Expiry Date: NA	JS Framework	Development and Testing
26	All	Adobe Xd, https://creativecloud.adobe.com/apps/download/xd	License Procured by TCS, License: Adobe Enterprise Terms License Agreement, License URL: https://www.adobe.com/content/dam/acom/en/buying-programs/pdfs/etla-overview-com-goven.pdf , Expiry Date: 31-Dec-2025.	Creating and editing visuals	Development and Testing

- Refer Third party input template for details.

Table II: List of software that are shipped as part of TCS Asset.

- Refer OSS compliance report for details.
- SR-Ticket number of OSS compliance request: SR_45930
 - The OSS report also includes below third-party software

Note: - Asset uses iText v7 “OEM Distribution Server license” as verified by PO # 01SW216733/62. Current signed agreement copy mentions v5 and different license name (Standard OEM License). However, email communication from vendor exists for providing license keys for v5 under v7 PO.

S. No.	Module	Name and Source of Software (Version)	License URL	License expiry Date	Category
1	All	Agile vector concept for web banner, website page (Adobe Stock Image), https://stock.adobe.com/in/images/agile-vector-concept-for-web-banner-website-page/255075449	https://stock.adobe.com/in/license-terms	NA	License Procured By TCS
2	All	Business woman's hands typing on laptop keyboard (Adobe Stock Image), https://stock.adobe.com/in/images/business-woman-s-hands-typing-on-laptop-keyboard/112264959	https://stock.adobe.com/in/license-terms	NA	License Procured By TCS
3	All	Elevated view of large group of multiethnic business people cheering, https://stock.adobe.com/in/images/elevated-view-of-large-group-of-multiethnic-business-people-cheering/129897270	https://stock.adobe.com/in/license-terms	NA	License Procured By TCS
4	All	ExtJS 5.1, https://www.sencha.com/products/extjs/	https://www.sencha.com/legal/#Sencha_Ext_JS	NA (Perpetual)	License procured by TCS
5	All	iText pdf 5.5.x, https://itextpdf.com/en	https://itextpdf.com/commercial	NA (Perpetual)	License Procured By TCS
6	All	three multiethnic friends sitting at table and talking in apartment (Adobe Stock Image), https://stock.adobe.com/in/images/three-multiethnic-friends-	https://stock.adobe.com/in/license-terms	NA	License Procured By TCS

		sitting-at-table-and-talking-in-apartment/292508694			
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Table III: Target customer Environment (Software / Tools Workbench)

Installation Manual of Jile_v6.1, is at IP Safe Readiness Assessment Review Report Located in Appendix A. The installation manual represents the Software / Tools Workbench details as software pre-requisites in customer environment and/or at cloud for installing Jile_v6.1.

Software and Version number	Download URL	License type	License URL
Amazon Corretto JDK-1.8.0_252	https://docs.aws.amazon.com/corretto/latest/corretto-8-ug/downloads-list.html	GNU General Public License v2.0 w/Classpath exception	https://spdx.org/licenses/GPL-2.0-with-classpath-exception.html
Apache HTTPD 2.4.x	https://httpd.apache.org/	Apache License v2.0	https://spdx.org/licenses/Apache-2.0.html
Azure Database for PostgreSQL	https://azure.microsoft.com/en-us/services/postgresql/	Microsoft Azure pay-as-you-go License	NA
Azure Cache for Redis	https://azure.microsoft.com/en-in/services/cache/	Microsoft Azure pay-as-you-go License	NA
Azure Virtual Machines	https://azure.microsoft.com/en-in/services/virtual-machines/	Microsoft Azure pay-as-you-go License	NA
Open JDK v11	https://openjdk.java.net/install/	GNU General Public License, version 2, with the Classpath Exception	https://openjdk.java.net/legal/gplv2+ce.html
iText pdf	https://itextpdf.com/en	iText Commercial License	https://itextpdf.com/commercial

- Refer installation/deployment manual /Snapshot of the software (Prerequisite at target environment) for details.

-----End of Report-----