All the Transact templates have the ability to deploy the following components:

Component description	Component name / type	Extension	Component structure and example	Comments	Mandatory component
Browser	browser-classic	war	browser-classic-202002.war	This is optional if Browser-UXP component is installed in the template.	Optional
UXP Browser (Default - Pre R20 AMR)	uxp-browser	war	uxp-browser-202002.war	This is optional if the browser classic component is installed in the template.	Optional
	authenticator	war	authenticator-202002.war	This component is dependent on UXP browser . Mandatory when UXP Browser is used.	Optional
	browser-generated	war	browser-generated-202002.zip |__generated |__manual	This component is dependent on UXP browser . Mandatory when UXP Browser is used.	Optional
	browser-iris	zip	browser-iris-202002.war	This component is dependent on UXP browser . Mandatory when UXP Browser is used.	Optional
UXP Browser (Generate on Demand- Post R20 AMR)	uxp-browser	war	uxp-browser-202004.war	**These components are dependant on UXPB GoD mode. Mandatory when UXPB GoD mode is used.** **In addition to these the following dependant components needs to be installed for UXPB GoD mode to work** **- irf-t24catalog-services.war** **- t24-IF_IntegrationFrameworkService-ejb.jar** **- t24-EB_ResourceProviderService-ejb.jar** **- t24-EB_OFSConnectorService-ejb.jar** **- t24-EB_CatalogService-ejb.jar** **- t24-EB_AuthenticationService-ejb.jar** **Please obtain an additional licence for *.temenos.cloud domain for uxp-browser component from distribution to be able to deploy it in the Temenos Contiuous Deployment environments.**	
	uxp-god-properties	zip	uxp-god-properties-202004.zip		
	resourceserverwar	war	resourceserverwar202004.war		
	authenticator	war	authenticator-202004.war		
	irf-rp-services	war	irf-rp-services-202004.war		
Axis	axis2	war	axis2-202002.war	Axis2 is a component used in order to establish a connection between t24 and Design Studio on the developers localhost.	Optional

t24 jars	t24-jars	zip	t24-jars-201904.zip
			  |__rglib
			  |__tuslib
			  |__l2lib
			  |__l3lib
			  |__t24lib
				The screenshot illustrates the model bank t24 lib folder structure and all the library files under a single .zip file.
				
				On the other hand, there can be a separate subfolder for each library files as well.
				
				Make sure the same naming conventions are followed for l3lib and t24lib.
				
				Please fill in the precompile path in the .properties of TAFJ installer based on the number of folders under t24-jars folder.
				
				Refer the notes for tafj-installer.
					Mandatory

Transact database	model-bank-database	zip	model-bank-database-202002.zip |__model-bank-database-202002.h2.db	Temenos Continuous Deployment Platform templates are compatible with H2 1.4.199 and the lower versions. i.e. the latest version of the h2, the database extension is "mv.db" and the older version has "h2.db" - Temenos Continuous Deployment Platform supports both formats. Must adhere to the pre-requisites listed at the bottom of this page. **Note:** Temenos Continuous Deployment will rename any DB to "TAFJDB" in order to ensure that the DB connectivity works.	Mandatory
	model-bank-sqlserver	.bak	model-bank-sqlserver |__model-bank-sqlserver-202002.bak	Version supported Below R20 AMR: SQL SE 2016 Version supported from R20 AMR: SQL SE 2017 The template uses Azure Pre-built SQL server image. Currently, supported versions are 2016/2017. However, the SQL version can be configurable based on the database binary Must adhere to the pre-requisites listed in this document below.	Mandatory

TAFJ installer	tafj-installer	zip	tafj-installer-201904.zip
			  |_Patch_TAFJ.R19.AMR.0.bat
			  |_Patch_TAFJ.R19.AMR.0.sh
			  |_Setup_TAFJ.R19.AMR.0.bat
			  |_Setup_TAFJ.R19.AMR.0.sh
			  |_TAFJ.R19.AMR.0.jar
				• All the templates install the TAFJ EAR and the tafj.properties present in the TAFJ installer bundle.
				
				• **To install a custom TAFJ EAR, amend/replace TAFJ EAR present in the TAFJinstaller**
				  ◦ File location within the installer -
				  TAFJ.\<ReleaseNo\>.\<SPNo\>.0.tar.gz\TAFJ.\<ReleaseNo\>.\<SPNo\>.0.tar.\TAFJ.\<ReleaseNo\>.\<SPNo\>.0.jar\apserver\jboss\jboss7eap\TAFJJEE_EAR.ear
				
				• **To install a custom tafj.properties file in Temenos Continuous Deployment Platform environment, insert the custom properties inside the tafj.properties file inside the installer (i.e.: The ones starting with temn.tafj. and the corresponding value – temn.tafj.jdbc.write.use.merge=true) This file contains the standard properties required for the environment.**
				◦ File location within the installer:
				TAFJ.\<ReleaseNo\>.\<SPNo\>.0.tar.gz\TAFJ.\<ReleaseNo\>.\<SPNo\>.0.tar.\TAFJ.\<ReleaseNo\>.\<SPNo\>.0.jar\conf\.properties
				
				• **To install custom jar files for external interaction in Temenos Continuous Deployment Platform environment, insert the custom jars inside the ext folder inside the installer.**
				  ◦ File location within the installer:
				  TAFJ.\<ReleaseNo\>.\<SPNo\>.0.tar.gz\TAFJ.\<ReleaseNo\>.\<SPNo\>.0.tar.\TAFJ.\<ReleaseNo\>.\<SPNo\>.0.jar\ext\
				  ◦ **Note:** Make sure to add only any additional properties or changes in the default values specific to your environment in this file. Please DO NOT replace this file with your custom properties file or any other file.
				  ◦ **Note:** By default we populate these main properties during runtime (database configuration, locking mechanism, tafj.home path and UD path).
				
				• **The updated TAFJ installer should be uploaded to the artifactory.**
					Mandatory

UD folders	t24-ud	zip	t24-ud-202002.zip
			|_ UD
			    |_ &COMO&
			    |_ &HOLD&
			    |_ &PH&
			    |_ &SAVEDLISTS&
				All the needed UD folders must be created under the UD folder and uploaded as zip. UD folder with the same structure will be created when an environment is created.
				
				Note: Please ensure that the executable under the bin folder of the updater folder (updater and updater.bat) does not contain any customised/local paths.
					Mandatory

Help text	helptext	zip	helptext-20202.zip |_HELP.TEXT |_HelpText		Optional
t24 updates	t24-updates	**zip of zips**	t24-updates-202003.zip |_T24Updates-2019-6-11-34.zip	We can deploy one or multiple t24 updates at the same time but the file should be in the zip of zip format. **Note:** Service updates can as well be packaged inside this, but the contents of extension folder will not be automatically deployed by Temenos Continuous Deployment. i.e.: we only copy the correct jar files to t24lib folder during service update installation. The contents of the extension folder must be copied under the respective components (or plugins folder) if they have to be installed.	Optional
L3 Pre DSF packages	l3-predsf-packages	**zip of zips**	l3-predsf-packages-202004.zip |_Name1-1.0.0.zip	The dsf packs which needs to be deployed before the l3-ds-packages can be installed using this component type. The dsf files will have to be packaged as zip of zip format.	Optional
t24 updates DS project	t24updates-data-project	zip	t24updates-data-project-202002.zip |_R19_FT_MB_1_JAVA_19.0.jar	T24 updates data project is an extension of t24-updates. It may contain any additional data records that has to be amended post the installation of the updates. This component will be deployed once the t24-updates are deployed . This feature is only available in factory environments. In Extend environments, user can change the data records using browser.	Optional
L3 DS packages	L3-DS-Packages	zip	l3-updates-202002.zip |_R19_TT_MB_1_JAVA_19.0.jar	DS packages will have the same packaging as bundled by Design Studio. We can deploy one or multiple L3 DS packages into the environment.	Optional
L3 Post DSF packages	l3-postdsf-packages	**zip of zips**	l3-predsf-packages-202004.zip |_Name1-1.0.0.zip	The dsf packs which needs to be deployed after the l3-ds-packages can be installed using this component type. The dsf files will have to be packaged as zip of zip format	Optional
	tcua-tcuseradmin-iris	war	tcua-tcuseradmin-iris-202002.war		Optional

TCUA	tcua-useradministration	war	tcua-useradministration-202002.war	Please obtain an additional licence for *.temenos.cloud domain for this component from distribution to be able to deploy it in Temenos Continuous Deployment environments.	Optional
IRIS	t24-eb-authentication-service-ejb-2	jar	t24-eb-authentication-service-ejb-2-202002.jar		Optional
	t24-eb-catalog-service-ejb	jar	t24-eb-catalog-service-ejb-202002.jar		Optional
	t24-eb-resource-provider-service-ejb	jar	t24-eb-resource-provider-service-ejb-202002.jar		Optional
	t24-interactiontests-iris	war	t24-interactiontests-iris-202002.jar		Optional
Retail	tcxb2-generated	zip	tcxb2-generated-202002.zip		Optional
	tcxb2-retail	zip	tcxb2-retail-202002.zip	Please obtain an additional licence for *.temenos.cloud domain for this component from distribution to be able to deploy it in the Temenos Continuous Deployment environments	Optional
	tcib-api	war	tcib-api-202002.war		Optional
	tcxb2-iris	war	tcxb2-iris-202002.war		Optional
IF Component	t24-eb-ofs-connector-service-ejb	jar	t24-eb-ofs-connector-service-ejb-202002.jar		Optional
	t24-if-integration-framework-service-ejb	jar	t24-if-integration-framework-service-ejb-202002.jar		Optional
TOCF-EE	tocf-ee	ear	tocf-ee-202002.ear		Optional
IRIS APIs	irf-t24catalog-services	war	irf-t24catalog-services-202002.war		Optional
IRIS runtime	irf-provider-container	war	irf-provider-container-202002.war		Optional
IRF Workbench	irf-test-web	war	irf-test-web-202002.war	This is the runtime war which is required by IRIS workbench to connect to T24 for creating and designing APIs based on T24 artifacts.	Optional
	irf-web-client	war	irf-web-client-202002.war		Optional
DSF Packager UI	dsf-uxp.war	war	dsf-uxp-202002.war	This is Temenos Work bench. Please obtain an additional licence for *.temenos.cloud domain for this component from distribution to be able to deploy it in the Temenos Continuous Deployment environments.	Optional

Note: The component type/name MUST follow the same convention name, extension and structure as mentioned above (e.g. browser-classic-*.war) otherwise the factory promotion will not be successful.

Start up scripts

All the transact templates use a variation of the below script depending on the app server.
> application server start-up script
Note: any changes to this on a client specific template must be specified by the client.

Standalone XML

 By default, the following configurations are present in the standalone.xml in a TCD environment.
> standalone configuration
Note: any changes to the above must be specified by the client for creating client specific templates.

Golden copy pre-requisites:

Database - generic
• No client data
• Minimal size
• No archived data or RO database to be provided
• All the test credentials present / injected by the tests
• The field name DESTINATION.STATIC in IF.INTEGRATION.SERVICE.PARAM must hold the queue name "queue/t24IFInboundQueue"
• Sanity testing to be performed to ensure that the users can log in, applications can be input, OFS requests can be run, the T24 services specifically INTEGRATION.SERVICE and COB can be run and any known issues which can be ignored should be reported
• Once sanity testing is complete, all the TSA services running should be stopped, locks to be removed and TSA.STATUS records to be cleared

• Remove any server specific set up in the TSA.SERVICE records (example: for COB, IF services and TSM)
• The t24libs and other jar files (L3,GPACK,CPACK etc) at the time of creating the golden copy should be provided along with the golden copy
• Two T24 super users with passwords to be provided along with the golden copy

Database - H2
• H2 database username passwords to be provided for the newly created database
• The DBImport log should be verified to ensure that all the tables, views and the dictionaries in the source match with the destination
• A copy of the DBimport log to be provided for verification
• H2 version must be 1.4.199