2022



taXchain User Manual



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Overview

Siemens and Henkel aim to promote the taXchain platform to digitize the current heavy paper-based process relating to Tax and custom across Europe by connecting various participants in the ecosystem to a distributed blockchain network for data and information exchanges, besides bringing trust transparency enhancing the experience among the platform participants. As a first step, the founders propose deploying Long Term Supplier Declarations (LTSD) use case in the taXchain platform.

This platform will allow interested manufacturers and suppliers without any technology dependency. Furthermore, the participants will have the flexibility of connecting to this platform either by building their software or using the software provided by taXchain's SaaS provider.

This document provides step-by-step instructions to assist users in familiarizing themselves with the taXchain platform business flow offerings.

Some of the details of the platform are listed below:

- a. Name: taXchain LTSD (Long term Supplier Declaration) Platform
- b. Underlying Protocol: Hyperledger Fabric 2.2
- c. UAT URL: https://taXchain-uat.krypc.com
- d. Production URL: <u>https://taXchain.krypc.com</u>

Overall Business Flow

The platform lets the participating company users create a LTSD request and manage the LTSD throughout its lifecycle.

1. User Login

Before the user can log in, the company user representative needs to be part of the ecosystem.

After the company has been added to the DLT network, the user can follow the appended process to log in.

There are two ways of testing the login:

a. First, choose the company the user represents.

b. If you choose Siemens, you can either log in using your company email credentials xxx@siemens.com:

Select Or	ganization
Henkel	SIEMENS
HENKEL	SIEMENS



c. On tapping the "Continue" button, the page will be redirected to your company login screen:

← → C (a myld-qasiemens.com/as/eurOP/resum	w/ac/authorizati	on ping?zone+public			命 ☆
SIEMEN	IS			8 0	
		l MylD Login Service			
	10	Smart Card Immediate access to all content.	?		
	8	Email Further authentication may be required for high-level secured content.	?		
Provided by Series	ens MyEl Service				

d. After the user credentials are verified on the side of the company, the user will be redirected to the respective landing page of the platform.



Welcome	
Log in to taxchain to continue to taxchain-core- middleware (Test Application).	
Email address	
Continue	
Don't have an account? Sign up	
OR	
G Continue with Google	
Continue with siemens-dev	



2. LTSD Flow

There are two ways the LTSD journey can start. These are:

e. The other login option is to click on the login page of the respective company directly by clicking on the button

illustrated to the right:

a. Inbound LTSD:

In this case, the LTSD request is initiated by the customer. Overall inbound LTSD flow captured in the platform:





1. Creation of LTSD Request Draft: User Type: Customer

The first process to raise an LTSD request is done by creating a LTSD request draft. After that, the draft can be updated as many times as required.

a. Fill in the LTSD related data field

- "Supplier" will have a pre-filled list of all participating companies.
- "Address" field will be pre-populated with the address provided by the company during the registration phase.
- "Validity Period" needs to be filled with "Valid From" and "Valid To" dates.
- You will only be able to give a date range that is not longer than two years; the "Valid To" date needs to be newer than the "Valid From" date, and the "Valid To" date nmust not be older than one year.

ate new inbound LTSD		
ta Materials* (0)		
Supplier	Validity Period	
Supplier*	Valid From*	
Siemens	V 06.09.2021	e
Department	Valid To*	
П	30.09.2021	e
Address		_
Wittelsbacherp 1, D-80333 Munchen		

ate new inbound LTSD			
ata Materials* (0)			
Material data			
Customer Material ID*	Supplier Material ID	Commercial Designation*	8)
	Showing 1 to 0 of 0 entries 44 4	1 > >> 10 ~	
		🛃 Click here to download sample file 🕹 Upload co	+ Add new materia
			SAVE DR
		2020/02/02/02/02/02/02	

b. Fill in the materials data covered in the LTSD

A user can either type in the relevant material details or upload a file containing the material data. The sample file format can be downloaded by clicking on the "Click to download sample file" link.

- To upload the material details CSV file, click on the "Upload csv" button
- A file explorer view opens. Select the relevant file to upload.

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Organize • New folder		11+1	1 0		
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	CSV Opticad	20-09-2025 14:02	Mox	≪ 4 1 3 33 10 ¥	
30 069438	CSV Upicad_example	24-09-2021 16-0	Mox	an a 💼 catao Citato	
Destop	Hi, Codes, German	17-09-3021 12:47	Mot		
B Documents	Bitomation required for SAKS, contract .	29-07-2021 2036	Mot	🛓 Click here to download sample File 🔹 Upload co	Add new materia
Downloads	ETSD Data for demo	25-09-2021 18.31	Mot		/
Music	100-Dat	30-07-2021 10:56	ANK		
R Pictures	E Outbound, 15d, 0e901536-1231-4386-86.	17-09-3021 10:51	ABL		
Videos	🔮 Outbound, Ltsd, 195x640-3074-4934-906.	20-09-2021 15:52	Abt		
Local Disk (C)	2 Outbound, Ltsd, 289ec20b-45a4-4430-ade.	30-08-2021 13-11	Abt		
. New Volume (D)	🕈 Outbound, Ltsd, 7947b3da-19c8-4a69-b1.	15-09-2021 14:54	Add a		
Y	(3		
Ele same	Cty (bring example	al files			

- You can add more materials to the list by uploading another material list csv or manually adding more materials.
- Click on "Save Draft" button to save the LTSD draft.

NOTE: Drafts are not saved in the DLT



2a. Deletion of LTSD Request Draft: User Type: Customer

A draft LTSD can be deleted from the LTSD list report by clicking the bin icon:

taXchain	Home Inbound Out	tbound Companies	Manage Country	Users			۵.	vaishakh@krypc.com Siemen	0
								+ lobou	nd USD
Filter by organization	♥ Filter by date	Filter	by date	Select a Status 🛛 👻	Select Expiry Records	♥ Q. Search mat	erial		
Supplier Name 1	Valid from 1	Valid until 1	Status 11	Comments ↑↓	No of materials	LTSD Number	Last Updated		
Henkel	14.10.2021	28.02.2022	DIANT		1	550a68a1-25e6-4502- b416-faa6ea41927a	2021-10-14 15:41:41	/ 0)
Henixel	12.10.2021	31.10.2021	00.01		1	Mb66173-8468-49ae- 8543-368fbx2ve257	2021-10-13 18:10:14		

2b. Requesting LTSD to be issued by the concerned supplier: User Type: Custom

An inbound LTSD draft can be moved to the "request" state after the LTSD draft is finalized.

Edit LTSD			×
fratus CONT Data Materials (2) Material data			(i) Open
Customer Material ID ⁴	Supplier Material ID	Commercial Designation*	0.44
MAT,001	510,001	(0,001	
MAT 007	0.0 000	CD 000	•
	Showing 1 to 0 of 0 anthres (4)	1 > 39 10 4	
		2. Option	cou 🕂 Acht nau matachal
Comment			T DRWT

After the LTSD draft is saved as "requested," the LTSD request also appears in the outbound LTSD report lsit in the supplier's log-in.

taXchain	Home Inbound O	atbound Companies N	lanage Country				۵.	ram.m@krypc.com
								+ Inbou
Filter by organization	Filter by date	Filter by date	REQUESTED X V	Q. Search material				
Supplier Name 1	Valid from 11	Valid until 1	Status †↓	Comments 1	No of materials	LTSD Number	Last Updated	
Henkel	01.09.2021	30.08.2023	ведизию		1	a004d4bc-97a8-463b- 861e ba2c2abab2b8	2021-08-30 20:04:50	00
Henkel	31.08.2021	30.09.2021	arquisitio	set to requested	2	4b762#s-c587-42b1- bd1e-cb01b1c11c0f	2021-08-31 16:05:21	00
Henkel	31.08.2021	31.08.2021	arquisito		1	fbd24b78-2027-4a7a- 906d-cf884f6f6b0e	2021-08-31 16:47:54	00
Henkel	01.09.2021	07.09.2021	REQUISITED	set to requested 111	T	9b46d29f-d76c-4e16- 9fe0-6f01aa1f5ee0	2021-08-31 17:04:08	00
Henkel	31.08.2021	04.09.2021	REQUISITED		Ĩ	ata9c6ee-adb8-faec- b042-o4cb641701of	2021-08-31 18:37:31	00
Henkel	27.01.2022	25.01.2024	AUQUISITID		<u>i</u>	42c0d204+1392-4041+ 948d-9d5d363341dd	2021-08-31 22:03:18	00
Henkel	06.09.2021	30.09.2021	REQUESTED		2	1d784480-5d64-4ac9- 91bf-438b6bc7bb37	2021-09-06 17:31:48	00



3a. Withdrawal of a requested LTSD: User Type: Customer

The requesting user can withdraw a requested LTSD before the supplier issues or rejects the requested LTSD.

To reject a requested LTSD, the customer can visit the inbound LTSD list report page, select the appropriate LTSD in request status and withdraw the same by clicking on the "Set to Withdrawn" button.

Data Muterials (1) Supplier Validity Person Comutation: Person Comutat	riod	Issuing Information
Supplier Validity Pe Supplier Constance Person	riod	Issuing Information
Supplier* Cumulation: Herital Model Com		
Department 22.00.2021 Production Address 23.00.2021 Wittelsbachergr 1, D-80333 Munchen		Nob position* Tace* Sognee*

After the LTSD gets withdrawn, the record with the updated status is visible to both the supplier and customer in the outbound and inbound LTSD list report, respectively.

taXchain	iome Inbound Ou	tbound Companies N	Aanage Country				۵.	ramu	mBkrypc.co	
									+ Inbo	nd UT
Hitter by organization	Hittor by date	Hiter by date	Select a Status	♥] [Q, Scarch matorial						
Supplier Name 1	Valid from 1	Valid until 11	Status 1	Comments 11	No of materials	LTSD Number	Last Updated			
Henloil	28.07.2021	31.07.2021	WITHDRAWN		i.	494C6AE013594011A13C 83448FF6647D	0001-01-01 05:53/28	0	0	
Henkel	27.07.2021	30.07.2021	13060		i.	7A77408673404D458EC 07D885A1DF113		0	0 0	
Henkel	01.08.2021	31.06.2021	WIHOMAN		1	2921346b-b0c4-4fc3- 9163-04036c4c2050	2021-08-18 19:31:28	0	ß	
Henkel	19.08.2021	26.06.2021	REFECTED		1	acb056aa-689e-4dd0 b3d9-25841cca8f6d		0	۵	
Hankal	13.08.2021	20.08.2021	WITTERSON		i -	d9db5129-4645-4617- xxx8-55e(768710x5	2021-09-06 21:26:20	1	0	
Henkel	18.08.2021	24.11.2021	REQUESTED	set to requested	1	a71efc0e-33be-4cs2- 8c49-6a75f275d586	2021-08-13 15:30:04	0	0	

3b. Rejection of requested LTSD: User Type: Supplier

Supplier users can reject a LTSD that the customer requests.

When rejecting a LTSD request, the supplier must provide appropriate comments on the rejection reason.

To reject a requested LTSD, the supplier will need to visit the outbound LTSD list report and select the appropriate LTSD with status as "requested."



Customer	Validity Period	Issuing Information
Gattingen Sichnons Address Withelabecherp 1, D-01111 Murchen	We sendation Weld Frant 66.05.2021 Weld Str 10.07.2021	AD pontor" X Pran' Incin Sprar" Son

After the request LTSD has been rejected, the status of the LTSD gets updated in both supplier's outbound LTSD list report and the customer's inbound LTSD list report.

taXchain	forme Inbound Cutt	ound					8.	yashodha.s@krypc.com Siemens
								+ Internet
Filter by organization	♥ Filter by date	Filter by	r date	Select a Status 🔍 👻	Select Expiry Records 🛛 🗸	Q. Search material		
Supplier Name 1	Valid from 11	Valid until 11	Status 11	Comments 11	No of materials	LTSD Number	Last Updated	
Henkel	12.10.2021	31.10.2021	RISKED		7	6660065d-6809-4553- 962f-060cfb2d31ca	2021-10-12 15:28:20	00
Henkel	12.10.2021	31.10.2021	REQUEST(D)		2	c7afce54-df18-4abc- 8dc7-d83c5fe9ab30	2021-10-12 15:27:43	10
Henkel	12.10.2021	31.10.2021	WITCHAN		2	50c0a407-5e47-42e7- 9951-c74758/ecf59	2021-10-12 15:27:00	10
Henkel	01.10.2021	31.10.2021	DENT		1	4fbd14d3-5661-4354- ad5a-82bb4795bba2	2021-10-12 15:26:40	100
Henkel	01.10.2021	31.10.2021	TURMNATED		1	15d81075-cb07-4ddc- a1c5-b1cde0127b76	2021-10-12 15:26:27	10
Henkal	11.10.2021	31.10.2021	1000			044/07e6-e23b-4932-	2021-10-12 15:25:40	00
Fechal	01.10.2021	31.10.2021	NURCID	Rejected	i.	201a4ce6-77c8-490d- a3b3-e12e20cfe7dc	2021-10-12 15:23:21	10
Henkel	14.10.2021	15.10.2021	REACTED	reject	1	62705746-603a-4a96- 8936-e91789371547	2021-10-08 12:17:35	00

Appropriate notification is shown to the customer after the request gets rejected by the supplier.



3c. Issuance of LTSD: User Type: Supplier

The supplier can issue an LTSD against a LTSD request coming from the customer.

To issue a LTSD, the supplier needs to visit the outbound LTSD list report and click on the customer requested LTSD:



		Party and	and service of a	0.0				+ Outou
Customer Name	Valid from 11	Valid until 1	Sutur 1	Comments 1	No of materials	LTSD Number	Last Updated	
Semens	06/09/2021	10.09.2021	NOASTE		1	1d784480-5d64-4ac9- 918/-438866c78637	2021-09-06 17:31:49	10
Semens	01.09.2021	30.08.2023	NOUTID		1	5ab3007b-20#-46de- ab32-59aaffee64e3		10
Semens	01.08.2021	31.01.2022	HQASTD		1	e2ce94d8-7124-4697- bfee-065e47725944	2021-05-00 14:07:40	10
Semens	01.08.2021	30.07.2023	ROUSID		i.	3dba73ea-74d8-4a9f- aa2f-feceefff4bdb		10

On selection of the appropriate LTSD, the supplier will need to add additional details to the LTSD.

The additional details that need to be added in the LTSD data section are listed below:

- **Cumulation of countries as optional (Validity Period Section)**: If the cumulation is chosen, the supplier needs to add a country or list of countries to the cumulation list.
- Job Position (Issuing information section): Supplier will need to provide appropriate inputs against the Job Position field.
- Place (Issuing information section): Supplier will need to provide details on the place of issuance of the referred LTSD.
- Signee (Issuing information section): Supplier will need to provide details of the Signee of the referred LTSD.



In the materials section, the supplier provides the following data:

- Supplier material id this is a mandatory field
- **HS code** Optional filed, can be selected from a pre-filled list
- **Country of Origin** Mandatory filed that provides details about the country where the referred product gets manufactured
- Region of Origin Optional field only needs to be provided if the country of origin is selected as "Germany."
- Preferential Countries Optional field. Supplier may either select one country from the list of countries listed out.
- **Country Specific Codes** Option field; this will only be required if "JP" or Japan is selected as "Preferential Country."

The details of materials can either be manually added or uploaded using the "Upload csv" button.

- To upload the material details CSV file, click on the "Upload csv" button.
- A file explorer view opens. Select the relevant file to upload.



luta Materials ⁴ (0)					
Open			×		
	ocichain	P Search Taxchain			
Organize • New fold		11 -			
• 0x01e	Name	Date modified	Type A	Commercial Designation*	10 AI
	Inchaint/decs	07-10-3021 21-52	Fig.5		
This PC	CSY USER	20-09-3021 14:02	Mox	(C (1))) 10 Y	
30 06je/6	CtV Upload example	24-09-3021 96-63	Mox		
Destop	Hi, Codes, German	17-09-3021 1247	Mox	\frown	· · · · · · · · · · · · · · · · · · ·
B Documents	Biomation required for SAAS, contract -	29-07-2021 2036	Mot	🛓 Click here to download sample file 🔹 Upload cov	+ Add new material
Downloads	E UTSD Data for demo	25-09-2021 18:31	Mich		/
3 Maic	👔 USD-Dwit	30-07-2021 10:56	AN		
R Poures	Cutbound,18d,0e901536-1231-4366-86.	17-09-2021 10:51	Abt		
Videos	🔮 Outbound, Ltsd, 190xd40-3074-494-906.	20-09-2021 15:52	Adot		
Local Dial (C)	🔮 Outbound, Ltsd, 289ec20b-45a4-4430-a0e.	30-08-2021 13:11	Adut		
and the second se	Outbound, Ltsd, 7947b3de-09c8-4a69-b1.	15-09-2021 14:54	Add w		

- You can add more materials to the list by uploading another material list csv or manually adding more materials.
- Click on "Set to Issued" button to save the LTSD draft.

Example of a sample csv file:

88356 88356 IGNITION CABLE 0101290000 80 DE 88357 88357 SCHELLE - KANBAN 0102290500 80 CN 88358 88358 Leak detector spray Weicon 0102291030 80 DE	Customer	Supplier Material Number	Material Description	HS code	Country of Origin
88357 88357 SCHELLE - KANBAN 0102290500.80 CN 88358 88358 Leak detector spray Weicon 0102291030.80 DE	88356	88356	IGNITION CABLE	0101290000 80	DE
88358 88358 Leak detector spray Weicon 0102291030.80 DE	88357	88357	SCHELLE - KANBAN	0102290500 80	CN
00000 Ecak detector spray welcom 0102291050 80 DE	88358	88358	Leak detector spray Weicon	0102291030 80	DE

4. Rejection of issued LTSD:

User Type: Customer

A customer can reject an issued LTSD. While rejecting an issued LTSD, the customer needs to specify the reason of rejection in the comment section.

To reject an issued LTSD, the customer needs to visit the inbound LTSD list report and select the appropriate issued LTSD.

fit LTSD		2		
Data Materials (1)		🕲 fipor		
Supplier	Validity Period	Issuing Information		
Supplier ⁴	Cumulation:	Job position*		
Henkel	Valid From*	teat		
Department	27.07.2021	Place*		
	Valid To*	test		
Address	30.07.2021	Signes"		
Wittehibacherp 1, D-80113 Munchen		best		
		\frown		
omment		RENEWAL REQUES		



Click on "Set to Rejected" button to update the status of the issued LTSD to rejected.

The status of the issued LTSD gets updated to "Rejected" and is shown in both Customer's inbound LTSD list report as well as Supplier's Outbound LTSD list report.

taXchain	forre Inbound Outp	ound					в.	yashodha.s@krypc.com Siemens
								+ Inbound
Filter by organization	♥ Filter by date		Filter by date	Select a Status 🔍 👻	Select Expiry Records 🔍	Q. Search material		
Supplier Name 1	Valid from 11	Valid until 1	Status 11	Comments 11	No of materials	LTSD Number	Last Updated	
Henkel	12.10.2021	31.10.2021	(NICH)		1	66500653-6809-4553- 9821-050cfb2d31ca	2021-10-12 15:28:20	10
Henkel	12.10.2021	31.10.2021	80(345710		A	c7afox54-d118-4abc- 8dc7-d83c5fe9xb30	2021-10-12 15:27:43	10
Henkel	12.10.2021	31.10.2021	WITCHAM		1	58c0a407-5e47-42e7- 9f61-c74758fed59	2021-10-12 15:27:00	10
Henkel	01.10.2021	31.10.2021	DENT		1	4fbd14d3-5661-4354- ad5a-82bb4795bba2	2021-10-12 15:26:40	
Henkel	01.10.2021	31.10.2021	TURMINATED		1	#5489075-cb07-4446c a1c5-b1cde0127b76	2021-10-12 15:26:27	10
Henkel	11.10.2021	31.10.2021	1000		1	04807e5-e23b-4932-	2021-10-12 15:25:40	00
Sankal	01.10.2021	31.10.2021	REACTED	Rejected	,	201a4ce6-77c8-490d- a3b3-e12e20cfe7dc	2021-10-12 15:23:21	10
Henkel	14.10.2021	15.10.2021	REACID	nject	,	8936-#91789371547	2021-10-08 12:17:35	00

b. Outbound LTSD: In this case, the LTSD is initiated by the supplier.

Overall outbound LTSD flow captured in the platform:



1. Create a new outbound LTSD draft

User Type: Supplier

a. Fill the LTSD related data field

Create new outbound LTSD					x
Data Materials (3)					
Customer		Validity Period		Issuing Information	
Customer*		Use cumulation	AT AV AL	Job position*	
Siemens	×		00.00	Manager	
Address		Valid Rom"		Place*	
Wittelsbacherp 1, D-80333 Müncher		16. IV-pacel		Germany	
		Valid To*		Signee*	
		31.10.2021		3 Ram	
					SAVE DEALT
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- "Supplier" will have a pre-filled list of all participating companies.
- "Address" field will be pre-populated with the address provided by the company during the registration phase.
- "Validity Period" needs to be filled with "Valid From" and "Valid To" dates.
- You will only be able to give a date range that is not greater than two years; the "Valid To" date needs to be newer than the "Valid From" date, and the "Valid To" date must not be older than one year.

The additional details that need to be added in the **LTSD data section** are listed below:

- **Cumulation of countries as optional (Validity Period Section)**: If the cumulation is chosen, the supplier needs to add a country or list of countries to the cumulation list.
- Job Position (Issuing information section): Supplier will need to provide appropriate inputs against the Job Position field.
- Place (Issuing information section): Supplier will need to provide details on the place of issuance of the referred LTSD.
- Signee (Issuing information section): Supplier will need to provide details of the Signee of the referred LTSD.

b. Fill in the materials data covered in the LTSD and click on "save draft" icon

Create new outbo	und LTSD						
Data Materials (9						
Material data							
Customer Materia	I ID Supplier Material ID ⁴	Commercial Designation*	HS Code	Country of Origin*	Region of Origin	Preferential Countries	O AI
MA7201	SUP201	IGNITION GABLE	010000000 8 🗸	DE The Fed	Select v	Select V	0
MAT202	SUP202	SCHELLE - KANEAN	0101210000 t 🗸	CN The Rep. Y		Select 🗸	0
MA7203	SUP203	Leak detector spray V	0101300000 8 V	DE The Fed. v	Select v	Select 💌	0
		Showing 1	to 0 of 0 entries < 🤇	1 > » 10 V			

In the materials section, the supplier provides the following data:

- Customer Material ID: this is optional field representing the customer's id associated with the material
- Supplier material id this is a mandatory field
- HS code Optional filed, can be selected from a pre-filled list
- **Country of Origin** Mandatory field that provides details about the country where the referred product gets manufactured
- Region of Origin Optional field only needs to be provided if the country of origin is selected as "Germany."
- Preferential Countries Optional field. Supplier may either select one country from the list of countries listed out.
- **Country Specific Codes** Option field; this will only be required if "JP" or Japan is selected as "Preferential Country."

The details of materials can either be manually added or uploaded using the "Upload csv" button.

- To upload the material details CSV file, click on the "Upload csv" button.
- A file explorer view opens. Select the relevant file to upload.



uta Materials* (0)					
Open			×		
+ † 1 + 80	okhain	P. Search Taxchain			
Deganize • New fuide		11 *			
• Outline *	Name	Date modified	Type *	Commercial Designation*	8 AI
	Inchainfideos	07-10-3021 21-52	Dat		
This PC	COVUMENT	20-09-3021 58:02	Mor	((())) IN Y	
30 Objects	Civilational example	24-09-3021 16-40	Mox		
Cestop	F Hi Codes German	17-09-3021 12:47	Mor	\frown	
B Documents	B Information required for SAKS, contract	29-07-3021 20.36	More	👌 Click here to download sample fix 🔹 Upload co	+ Add new material
Downloads	CTSD Data for demo	25-09-2021 18:01	Mox		/
3 Music	£ USD-Dwitt	30-07-3021 10:56	ANC		
E hours	Cuttorund, 154, 0r901536-1231-4346-86	17-09-3021 10:51	AN		
Videos	2 Outbound, Ltsd, 190xd40-3074-404-906.	20-09-2021 15:52	Adot		
Local Deal (C)	🔮 Outbound, Ltnd, 289ac20b-49a4-4430-a0e.	30-08-2021 13:11	Abt		
New Weissee /W	2 Outbound, Ltsd, 7947b3da-09c8-4a69-b1.	15-09-2021 14:54	Adot w		
. New Volume (D)	Cutbound, Ltnd, 7947b3da-09c8-4a69-b1.	15-09-2021 14:54	Adot w		

- You can add more materials to the list by uploading another material list csv or manually adding more materials.
- Click on "Set to Issued" button to save the LTSD draft.

Example of a sample csv file:

Customer	Supplier Material Number	Material Description	HS code	Country of Origin
88356	88356	IGNITION CABLE	0101290000 80	DE
88357	88357	SCHELLE - KANBAN	0102290500 80	CN
88358	88358	Leak detector spray Weicon	0102291030 80	DE

c. The status of the LTSD gets updated to "Draft" and is shown in the supplier's Outbound LTSD list report

taXchain	fome inbound Outbo	ound					٥.	yashodhas@krypc.com Herkel
Eiter by constitution	M Ellerbodes	(Burbs		Salad a Dalas - M	Galact Environment and	O facto meterial		+ Outbour
Customer Name 1	Valid from 11	Valid until 1	Status 11	Comments 11	No of materials	LTSD Number	Last Updated	
iemers	14.10.2021	31.10.2021	CRAFT			808/4e6b-ffc1-47da- 8a28-ba63d43b3abe	2021-10-14 18:51:00	100
Semens	12.10.2021	31.10.2021	H.RCHD	Rejected	1	b6b0065d-6809-45/3- 9827-0b0cfb2d31ca	2021-10-13 18:10:05	10
Semens	13.10.2021	31.10.2021	ISLED			252x8230d-5117-4014- 97da-42(b648b1181	2021-10-13 18:09:38	00
Semens	13.10.2021	31.10.2021	TERMINATED			32152626-c21f-4194- 854a-763853da6d57	2021-10-13 18:09:02	00
iemens	13.10.2021	31.10.2021	WITCHARN		a	cecc2224-2215-4c56- 9c21-545e632660e8	2021-10-13 18:08:04	00
lemens	13.10.2021	31.10.2021	CRAFT		a.	7860067e-854c-4540- 8ea2-b1d69def44ba	2021-10-13 18:04:48	100
lemens	13.10.2021	31.10.2021	CRAFT		2	1d9d0c05-1079-404b- be67-34e373718bd6	2021-10-13 16:02:33	100
Siemens	12.10.2021	31.10.2021	REQUESTED			c7afce54-df18-4abc-	2021-10-12 15:27:45	00

2a. Delete LTSD Draft User Type: Supplier

A draft LTSD can be deleted from the LTSD list report by clicking the bin icon:



Filter by organization	✓ Filter by dat	e Eter	by date	Select a Status	Select Expiry Records 🛛 🗸	Q. Search material		
lupplier Name 🍴	Valid from 1	Valid until 1	Status †1	Comments †	No of materials	LTSD Number	Last Updated	
fenkel	14.10.2021	28.02.2022	DIANT		1	550a68a1-25e6-4502- b416-faa6ea41927a	2021-10-14 15:41:41	/ 0(0)
fenkel	12.10.2021	31.10.2021	DENT		1	14666173-8468-43ae- 8643-368/toc2ee257	2021-10-13 18:10:14	/ 0 0
tenkel	12.10.2021	31.10.2021	REACTED	Rejected	1	b6b0065d-6809-4593- 9629-060c%b2d31ca	2021-10-13 18:10:03	0.0
ferikel	13.10.2021	31.10.2021	ISSAD		1	25282308-5117-4014- 9784-126064801181	2021-10-13 18:09:40	/ 0
Herikal	13.10.2021	31.10.2021	TERMINITO			32152626-c211-4194-	2021-10-13 18/09/04	10

2b. Issue LTSD Draft User Type: Supplier

a. Update the LTSD details as required and click on "Set to Issued" button to update the status of the draft LTSD to issued.

B BIGARDID						(2) Export
a Materials (3)						
Aaterial data						
ustomer Material ID	Supplier Material ID*	Commercial Designation*	HS Code	Country of Origin*	Preferential Countries	8.44
8354	88356	IONITION CABLE	0100000000 80 LEBE 👻	AF The Isla	ALT. V	
8357	88357	SCHELLE - KANBAN	010000000 80 LEBE 👻	02 The Peo., 4	co t	
0350	88358	Leak detector spray Weicon	0101290000 80 and	02 The Peo., v	84.8	
		Showing 1 to 0 of 0 entries	« < 1 > » 10 ₩			

The status of the draft LTSD gets updated to "Issued" and is shown in both Customer's inbound LTSD list report as well as Supplier's Outbound LTSD list report.

taXchain +	tome inbound Ovela	und					Service Meson Outbound LTSC	ge) successfully issued
Filter by organization	✓ Fiter by date Valid from ↑↓	Fitter by Valid until 1]	date Status †j	Select a Status 🗸	Select Dipiry Records	V Q. Search material	Last Updated	+ 0.00000 (D
Senens	14.10.2021	28.02.2022	ISMAD)	550a68a1-25e6-4502- b416-faa6ea41927a	2021-10-14 19:06:00	10
Semens	14.10.2021	31.10.2021	DIMT		J.	8084e65-8c1-47da- 8a28-ba6564383abe	2021-10-14 1851:00	100
Semens	12.10.2021	31.10.2021	REACID	Rejected	1	66600658-6809-4593- 9629-060ef62831ca	2021-10-13 18:10:05	10
Semens	13.10.2021	31.10.2021	SSAD		1	2534230d-5117-4014- 976a-026664861181	2021-10-13 18:09:38	10
			_			32152626-6216-4194-		



Customer's login

▶ taXchain +	forme Inbound Outbo	ound					Q	yashodha.s@krypc.com Siemenz	•
Filter by organization	← Filter by date		Rer by date	Select a Status	Select Expiry Records	C. Search material			
Supplier Name 11	Valid from 11	Valid until 11	Status 11	Comments 11	No of materials	LTSD Number	Last Updated		
Henkel	14.10.2021	28.02.2022	CIRALITY			550a68a1-25e6-4502- b416-faa6ea41927a	2021-10-14 19-06-02	/ B	>
Hankal	12.10.2021	31.10.2021	CHART .			8043-360%c2+e257	2021-10-13 10:10:14	/ 0 0	
Harikal	12.10.2021	31.10.2021	REPORTED	Repricted		b6b0065d-6809-4583- 982f-0b0cfb2d31ca	2021-10-13 18:10:03	0	
Henkel	13.10.2021	31.10.2021	PERMIT			25282308-5197-4014- 9768-926664861181	2021-10-13 18:09:40	10	
Henkel	13.10.2021	31.10.2021	TERMINATED			32152626-c21f-4194- 854a-763853da6d57	2021-10-13 18:09:04	00	
Herikal	13.10.2021	31.10.2021	and the constraints			0e0c2224-2215-4c56- 5c21-540e632560e8	2021-10-13 18:08:02	10	
Henkel	12.10.2021	31.10.2021	INCOMP.			c7afce54-df18-4abc- 8dc7-d63c5fe9ab30	2021-10-12 15:27:43	- 0	
Henkel	12.10.2021	31.10.2021	and The Academics			58c0a407-647-62e7- 9461-c747504ed59	2021-10-12 15:27:00	10	

3a. Reject an issued LTSD User Type: Customer

A customer can reject an issued LTSD. While rejecting an issued LTSD, the customer needs to specify the reason of rejection in the comment section.

To reject an issued LTSD, the customer needs to visit the inbound LTSD list report and select the appropriate issued LTSD.

dit LTSD		×
Statun Materials (1)		D Papert
Supplier	Validity Period	Issuing Information
Supplies* Tionkel	Cumulation:	hute possiblese* teat
Department	27.07.2021 Valid To*	Place" test
Address Wittelsbacherp 1, D-80113 Munchen	30.07.2021	Signed" Text
Comment		RENEWAL REQUES

The status of the issued LTSD gets updated to "Rejected" and is shown in both Customer's inbound LTSD list report as well as Supplier's Outbound LTSD list report.

Supplier's Page

taXchain	fome Inbound Outbe	und					٥.	yashodha.s@krypc.com 🚳 Herkel
Filter by countration	V Filter by date		Filter by date	Select a Status	Salard Enviry Records	G. Search material		+ Outbound USD
Customer Name 11	Valid from 11	Valid until	11 Status 11	Comments 1	No of materials	LTSD Number	Last Updated	
semens	14,10,2021	31.10.2021	насто	Rejected	,	8dcx8bdf-d933-40bc- bfa3-73ff974558cc	2021-10-14 19:17:39	10
Gemens	12.10.2021	31.10.2021	moustro	0		54566173-8468-49ae- 8343-368/tsc2ee257	2021-10-14 19:12:01	00
Siemens	14.10.2021	28.02.2022	199480		0	550a68a1-25e6-4502- b416-faa6ea41927a	2021-10-14 19:06:00	10



Customer's Page

taXchain →	tome Inbound Out	tound					٥.	yahodhas@kiypc.com Semens
Filter by organization	♥ Fiter by date	Fiter b	y data	Select a Status 🛛 🗸	Select Expiry Records 🛛 🗸	Q. Search material		
Supplier Name 1	Valid from 1	Valid until 11	Subu 11	Comments †),	No of materials	LTSD Number	Last Updated	
Perké	14.10.2021	31.10.2021	10,000	lajacinel	I	ldcellbdf-d913-40bc- bfa3-73#97455bc	2021-10-14 19:17:34	1
Herkel	12.10.2021	31.10.2021	10,1570		1	NI266173-8468-49ae- 8643-3687bc2ee257	2021-10-14 19:11:50	10
Henkel	14.10.2021	26.02.2022	00.00		i	550a68a1-25e6-4502- 6416-faa6aa41927a	2021-10-14 19:06:02	10

3b. Terminate an issued LTSD

To terminate an issued LTSD the supplier needs to visit the Outbound LTSD list report and select the appropriate issued LTSD

A Supplier can terminate an issued LTSD by clicking on "Set to Terminated" button

Edit LTSD		Q., yanhadhus@kapacan X
Status NARD Data Materials (1)		S fount
Customer	Validity Period	Issuing Information
Customer*	Cumulation	Job position"
Siemens	Valid From*	я
Address	14.10.2021	Place*
Wittelsbacherp 1, D-80333 München	Valid To*	DE
n	28/02/2022	Signee*
		Ram
-		
Comment		RENEW SET TO TERMINATED

The status of the Issued LTSD gets updated to "Terminated" and is shown in both Customer's inbound LTSD list report as well as Supplier's Outbound LTSD list report.

Supplier's Page

toVehain		200						
Lavenan	nome incound OVIS	Hound					Service Message	
							(1.34 aliminazio)	+ Outbound I
Filter by organization	♥ Filter by date	Filter by	date	Select a Status 🔍 🗸	Select Expiry Records 🔍 🗸	Q. Search material		
Customer Name 1	Valid from 11	Valid until 11	Status 11	Comments 1	No of materials	USD Number	Last Updated	
seners	14.10.2021	28.02.2022	TEMPATO		1	550a68a1-25e6-4502- 6416-faa6ea41927a	2021-10-14 1922-18	
Serrers	14.10.2021	31.10.2021	NACID	Rejected)	8dca8bdf-d933-40bc- bfa3-73#974558cc	2021-10-14 19:17:39	0
Serrers	12:10.2021	31.10.2021	HQ.1570		1	60565173-8468-49ae- 8643-368fbc2ee257	2021-10-14 19:12:01	0



Customer's Page



c. LTSD Renewals

Renew LTSD:

In the outbound LTSD flow, an option is provided to the supplier user to renew an existing LTSD. The LTSD can be renewed when the LTSDs are in the following state:

i. Issued: When an issued LTSD is renewed, the validity of the dates in the Renewal screen gets pre-populated with the following data:

- Valid From: This is un-editable field and will have a date value that is equal to 1 day greater than the expiry date of the referred issued LTSD
- Valid To: This is an editable field and is pre-populated with a date that is 24 months from the Valid From date
- All the other data in the LTSD is pre-populated with the original issued LTSD and can be further edited

ii. **Terminated:** When an issued LTSD is renewed, the validity of the dates in the renewal screen gets pre-populated with the following data:

- Valid From: This is an editable field and will have a date value that is equal to 1 day greater than the expiry date of the referred terminated LTSD
- Valid To: This is an editable field and is pre-populated with a date that is 24 months from the Valid From date
- All the other data in the LTSD is pre-populated with the original Terminated LTSD and can be further edited

iii. Rejected: When an issued LTSD is rejected by a customer, the supplier has an option to renew the rejected LTSD. In such cases the renewal screen gets pre-populated with the following data:

- Valid From: This is an editable field and will have a date value that is equal to the valid from of the referred rejected LTSD
- Valid To: This is an editable field and is pre-populated with a date that is equal to the valid to date of the referred rejected LTSD
- All the other data in the LTSD is pre-populated with the original rejected LTSD and can be further edited



tus REACTED		
ata Materials (3)		
Customer	Validity Period	Issuing Information
Customer*	Use cumulation	Job position"
Siemens	V Valid From*	
Address	13.10.2021	B Place*
Wittelsbacherp 1, D-80333 München	Valid Tet	-
	31 10 2021	Signee"
	31.102021	
innert In new outbound USD		
te new outbound LTSD		TI TO 554
nment te new outbound LISD a Mansian () Customer	Validity Period	RINN TITO BY
nment te new outbound USD te new outbound USD Customer Suttomer	Validity Period	Issuing Information
nment te new outbound USD a Mansia () Customer Sames	Validity Period	Issuing Information
nment te new outbound USD a Mannia () Customer Sames Sames Sames Sames	Validity Period	Issuing Information
Innert In	Validity Period	Issuing Information
nment te new outbound USD te new outbound USD Costomer Costomer Semma Semma Withelachery 1, D-8033 Minchen	Validity Period	Issuing Information
Innert Ite new outbound USD Ite new outbound USD Ite America (I) Customer Customer Semere Withelisadery I, D 80333 Munchen	Validity Period Validity Period Use consiston Valid Figer 13.10.2021 Valid for 13.10.2021	Issuing Information Job position* Para* Image: Information Signer*

Renewal LTSD:

In the inbound LTSD flow, an option is provided to the customer user to renew an existing LTSD. The LTSD can be renewed when the LTSDs are in the following state:

i. Requested: A requested LTSD can be renewed by the customer. In such cases the request renewal screen gets pre-populated with the following data set:

- Valid from Date: The date value similar to the referred requested LTSD's valid from date gets pre-populated and can be edited
- Valid To: The date value similar to the referred requested LTSD's valid to date gets pre-populated and can be edited
- All the other data set pertaining to the referred requested LTSD gets pre-populated and can be edited

ii. Withdrawn: A withdrawn LTSD can be renewed by the customer. In such cases the request renewal screen gets prepulated with the following data set:

- Valid from Date: The date value similar to the referred requested LTSD's valid from date gets pre-populated and can be edited
- Valid To: The date value similar to the referred requested LTSD's valid to date gets pre-populated and can be edited
- All the other data set pertaining to the referred requested LTSD gets pre-populated and can be edited



iii. Rejected: A supplier rejected LTSD can be renewed by the customer. In such cases the request renewal screen gets prepopulated with the following data set:

- Valid from Date: The date value similar to the referred requested LTSD's valid from date gets pre-populated and can be edited
- Valid To: The date value similar to the referred requested LTSD's valid to date gets pre-populated and can be edited
- All the other data set pertaining to the referred requested LTSD gets pre-populated and can be edited

iv.Issued: A renewal request can be raised for an issued LTSD. In such cases the request renewal screen gets pre-populated with the following data set:

- Valid from Date: This is un-editable field and will have a date value that is equal to 1 day greater than the expiry date of the referred issued LTSD
- Valid To: This is an editable field and is pre-populated with a date that is 24 months from the Valid From date.
- All the other data set pertaining to the referred requested LTSD gets pre-populated and can be edited

Suppler Validity Period Issuing Segler* Container, Martin Advance, Martin Martin Department Wald From* Part	formation
Nenkal AXXA St position Ab position ArXA St St position St	
14/32/21 01 Mold To* Sepret* 31/32/21 Rim	,

Supplier	Validity Period	
Supplier*	Valid From*	
Henkel	01.11.2021	8
Department	Valid To*	
Address	30.10.2023	8
Wittelsbacherp 10, D-80334 Düsseldorf		



3. Other Functionalities

List Report Filters:

The list report filters are made available for both inbound and outbound LTSD flows.

The filters that are made available to this report include the following:

Filter by organization V Filter by date	Filter by date Select a Status	✓ Select Expiry Records	✓ Q Search material
			Ĭ
Supplier/Customer			
Organization			
LTSD Validity (From date)			
LTSD Validity (To date)			
LTSD Status based search 🔸			
LTSD Validity (Grouped)			
Supplier Material ID			

a. Filter by organization: Using this filter you can search for appropriate LTSDs that belong to the selected customer or supplier organization, the filter is pre-populated with the list of all organizations that have registered with TaXchain platform

b. Filter by date: This filter returns all the LTSDs whose 'valid from' date is either equal to or greater than the selected date in the filter

c. Filter by date: This filter returns all the LTSDs whose 'valid to date is either equal to or lesser than the selected date in the filter

d. Select a status: This filter returns all the LTSD that are in the selected state. The filter is pre-populated with a list of the different statuses the current LTSDs are in with the inbound or outbound LTSD list respectively

e. Select expiry records: This filter allows the user to view the LTSD list report based on their expiry period. There are three criteria to select from:

- EXPIRED: return the list of LTSD with valid to date lesser that today's system date

- EXPIRES_WITHIN_SIXMONTHS: return the list of LTSD with valid to date that is 6 months from the current system date

- EXPIRES_AFTER_SIXMONTHS: return the list of LTSD with valid to date greater than 6 months from the current system date

f. Search Material: Allows the user to search for LTSD containing the supplier material ID that consists of letters that are entered in the search string

PDF download

LTSD can be downloaded either by supplier or customer by visiting the LTSD list reports To download the LTSD, select the appropriate LTSD and click on the pdf button.



🐉 taXchain 🤉	fome Inbound Outbe	sund					ю -	yashodha.s@krypc.com 🚳 • Hankel
								+ Outbound USD
Filter by organization	♥ Filter by date	Filter by	date	Select a Status 🔍 👻	Select Expiry Records 🛛 🗸	Q. Search material		
Customer Name 11	Valid from 1	Valid until 11	Status 11	Comments 1	No of materials	LTSD Number	Last Updated	
Siemens	13.10.2021	31.10.2021	DENT		- a	156959fa-3525-4385- a304-a4e30e4c21bd	2021-10-14 22:34:44	
Siemens	13.10.2021	31.10.2021	REACTED	Repected	1	27c3/8d7-3086-428a- 65c2-6487b1c29661	2021-10-14 22:18:37	00

Sample PDF:

			Cuttoner	Cupeline.	Commercial	Line	Country	Dening	Destacestial	Contra
(CUSTOMER): Siemens Wittelsbachern 1			Material ID	Material ID	Designation	Code	of Origin	of Origin	Countries	Specific Codes
0-80333 München			MAT201	SUP201	CABLE					
			MAT202	SUP202	SCHELLE - KANBAN					
Long-term sup	plier's declaration for produ status	cts having preferential origin	MAT203	SUP203	Leak detector spray Weicon					
	DECLARATION	N I I I I I I I I I I I I I I I I I I I	< Not eligible A: WHOLLY OBT	INED/ MANUE	ACTURED					
Siemens originate in th the following countries	e EEC/ EU and satisfy the rules of E	origin governing preferential trade with	CT: ALSO NON-C CT2: NON-CRED CT23: Taviff shift CT23E: Taviff shift CT22E: Taviff shift CT22: Taviff shift CT22: Taviff shift CT22: Taviff shift CT22: Taviff shift CT22: Taviff shift	NUMBER OF THE STREET OF THE ST	Artendal S - A CHARGE A CHANGE IN TARIFT VC, specific production MainVOM or RVC MainVOM or RVC fein process specific production pr	in TARIT CLASSIFIC process file produc	Sion process	IN (MP100) AND THRE	COUNTRY PERCEN	TAGE (DRIX)
declare that:			C14. ALSO NON- C140: ALSO NO ACCUMULATION	ORGINATING N ORGINATING WITH JP MAT	MATERIALS - A CHANG	GE IN TARK	F CLASSIFICA IFF CLASSIFIC	TION (MP10) ATION (MP10	D, PARTS OF VEHIC	11
No cumulation applied	L		C10, ALSO NON MATERIAL C2, ALSO NON C C29, MaxNOM o	RIGINATING M	ATERIALS - ALLOWED production process	THRE CO	INTRY PERCE	NTAGE (DRIO	0 ACCOMULATION	WIN P
This declaration is vali 10.10.2023. I undertak indertake to make ava require.	d for all shipments of these produc e to inform Siemens immediately is illable to the customs authorities a	ts dispatched from 01.11.2021 to f this declaration is no longer valid. I ny further supporting documents they	C34, ALSO NON- C340, C340, C340, ALS ACOLIMALATION C30, C30, ALSO MATERIAL C3, ALSO NON- C30, ALSO NON- C30, ALSO NON-	ORGINATING N O NON-ORGINA WITH JP MAT NON-ORGINATING M ORGINATING M	AATERIALS - ALLOWED ATERIALS - ALLOWED ING MATERIALS - ALLO ATERIALS - A SPECIFIC MATERIALS - A SPECIFIC	DITHING CO LLOWED THIS DWED THIS PRODUC IC PRODUC	NUMBER OF STREET	ENTAGE (DRO Y PERCENTAGE SECONTAGE SE, ACCUMU	DO, PARTS OF VEHICLE DE (DROO), PARTS O (DROO), ACCUMUL LATION WITH JP M	ALES F VEHICLES L'EXAN WETH,
ocation, Date München 14.10.2021	Adress Siemens Wittelsbacherp 1 D-80333 München	Name, Position	CAD ALSO NON DI ALSO NON DI ACCUMULATI E: TOLEBANCE I X. Elipbia, witho	oliticitus/Tavic to oni wiThi JP M ULE 10% d specifying or	MATERIALS - PARTS OF ATERIAL Igin oriteria	VDHCLE	S, ACCUMULA	non with a	P MATCRIAL	
This declaration has be	een automatically generated by cor in accordance with Article 63 (3) o	mputer and therefore does not bear a of the Implementing Regulation (EU) No.								
andwritten signature, 447/2015.										
andwritten signature, 447/2015.										
andwritten signature, 447/2015.		>								

Manage Country:

This option is only made available to respective company admin users. This allows the admin to push a pre-set list of preferential country, DE regions, country specific codes, all countries and HS Codes into the system

taXchain Home Inbound Outbound Companies Man	age Country Users			4.	vaishakh@krypc.com Henkal
Preferential Country List	ESA	۷	Add Preferential Countries		
DE Regions	SH	٧	Add DE Regions		
Country Specific Codes	CI	٧	Add Specific CountryCodes		
Al Countries	AS	v	Add All Countries		
HS Codes	👌 Upload HSCode CSV		Add All HisCodes		



Add user:

This functionality is only available to the respective admin users. This functionality enables the admin to assign specific roles to the users joining in the system. The roles include:

a. ADMINISTRATION: A user with Administration access will be able to:

- Create new LTSD requests
- View the created LTSD
- View the list of companies participating the TaXchain platform
- Manage country list
- Update the participating users with appropriate access roles

b. READER: A user with Reader access will be able to:

- View the created LTSD

c. WRITER: A user with Writer access will be able to:

- Create new LTSD requests
- View the created LTSD

	ADMINISTRATOR, ADMINISTRATOR	/	
A	dd user	×	
N	all* ram.m@kypc.com		
R	oles 🔽 READER		
	VINTER		
	ADMINISTRATOR		
		V Court D Court	
		X Cancel 🛛 Save	
		X Cancel 🔒 Save	
taXchain Home Mound Out	and Companies ManageCounty Wess	X Cancel B Save	c.com (
taXchain Home House Out	and Companies ManageCounty Wees	X Cancel Stree	c.com Ienitei
taXchain Home House Out	and Campania Manga-Cauty Uwan	X Cancel <table-cell> Save C+ unbubblinger Per</table-cell>	c.com Ierikel + Assi
taxchain Home Hooved Out	Range Contro Views Rafes	C. woodferger A	ccom lenkel + Add v
taXchain Hore Hourd Cut al usubhliggcon	and Companies Manage County Wees Rolles AddemostRation, AddemostRation	Concel Some	enkel
taXchain Hore Hourd Out al ubuhdhuppcon	ourd Companies ManageCoverty Uners Roles AdventyTraction ActivityTraction Radios Henrity	X Concel 🛛 Sove	erikel
taXchain Korre Hourd Out at at on&Popscon nn@opscon	aund Companies Manage-County Unem Rufes Administration Administration Rufes Rufes Watter Watter Watter	C. Workdorpe G. Workdorpe M	c.com Lenkel

Note: A user can only be able to login into the system after the admin has assigned appropriate access to the respective user. The user access can be updated by admin as required