



Technologies for Manufacturing as a Service Ecosystems

Tekniker Dataspace Connector (TDC)

Visual Step by Step User Guide – Main features

Tekniker



This project has received funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No 101138517

TDC: Visual Step by Step User Guide

Admin



Dashboard



Data Provider



Data Consumer



Admin



Settings

Navigation

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Settings

- Connector
- Participant

Connector

View and update your connector information

No connector information has been set

Create a connector

Create

Participant

View and update your participant information

No participant id set

Create a connector before creating a participant.

Create

Insert Endpoint of the dataspace connector

TEKNIKER Dataspace Connector

Navigation

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Settings

Connector

Participant

Connector

View and update your connector information

Connection Details

Edit

Participant

View and update your participant information

Participant Id

Edit

Select the Participant id (DIC)

Admin

←

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Dashboard



Dashboard

Dashboard: Datasets

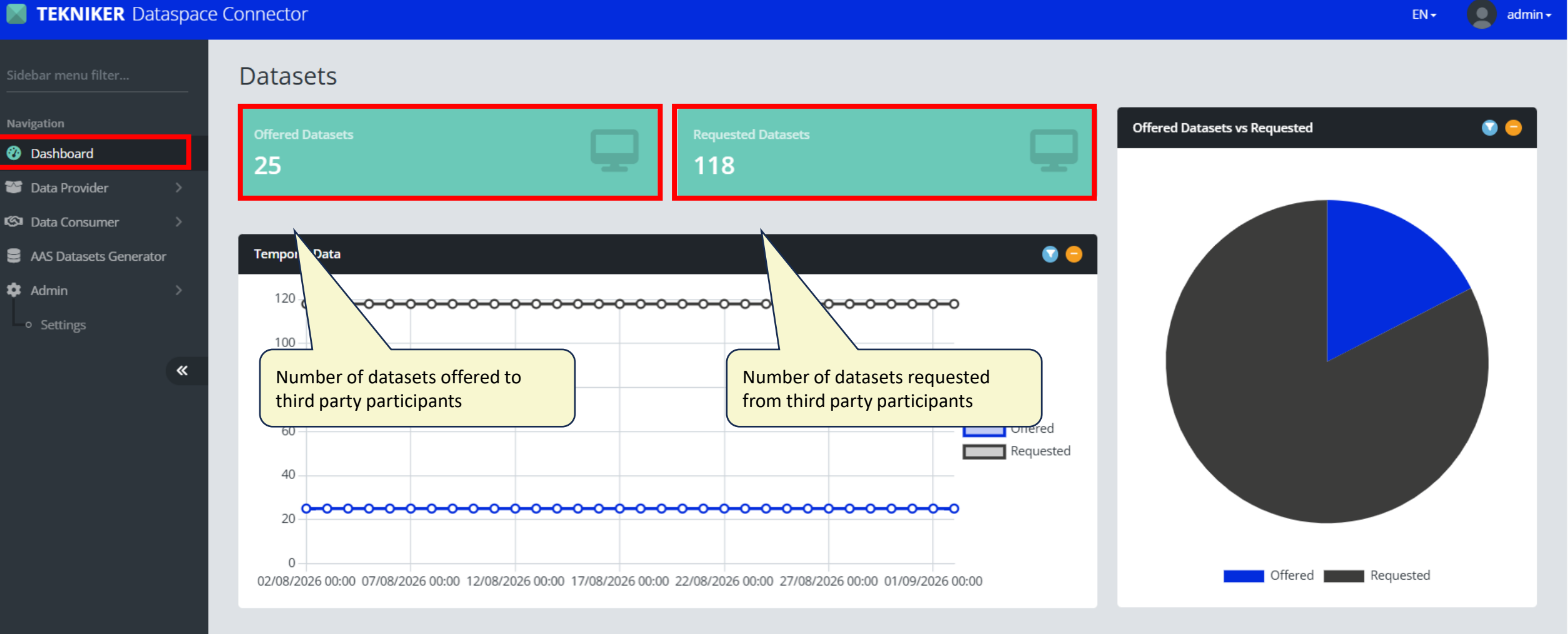


Dashboard: Contract Negotiations



Dashboard: Transfers





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Dashboard

Data Provider

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Settings

Offered Datasets

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Requested Datasets

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Temporal Data

Filtering options: Year, Month, Day

120

100

80

60

40

20

0

01/09/2025 00:00

01/12/2025 00:00

01/03/2026 00:00

01/06/2026 00:00

01/09/2026 00:00

Offered

Requested

Select interval

Interval

Year

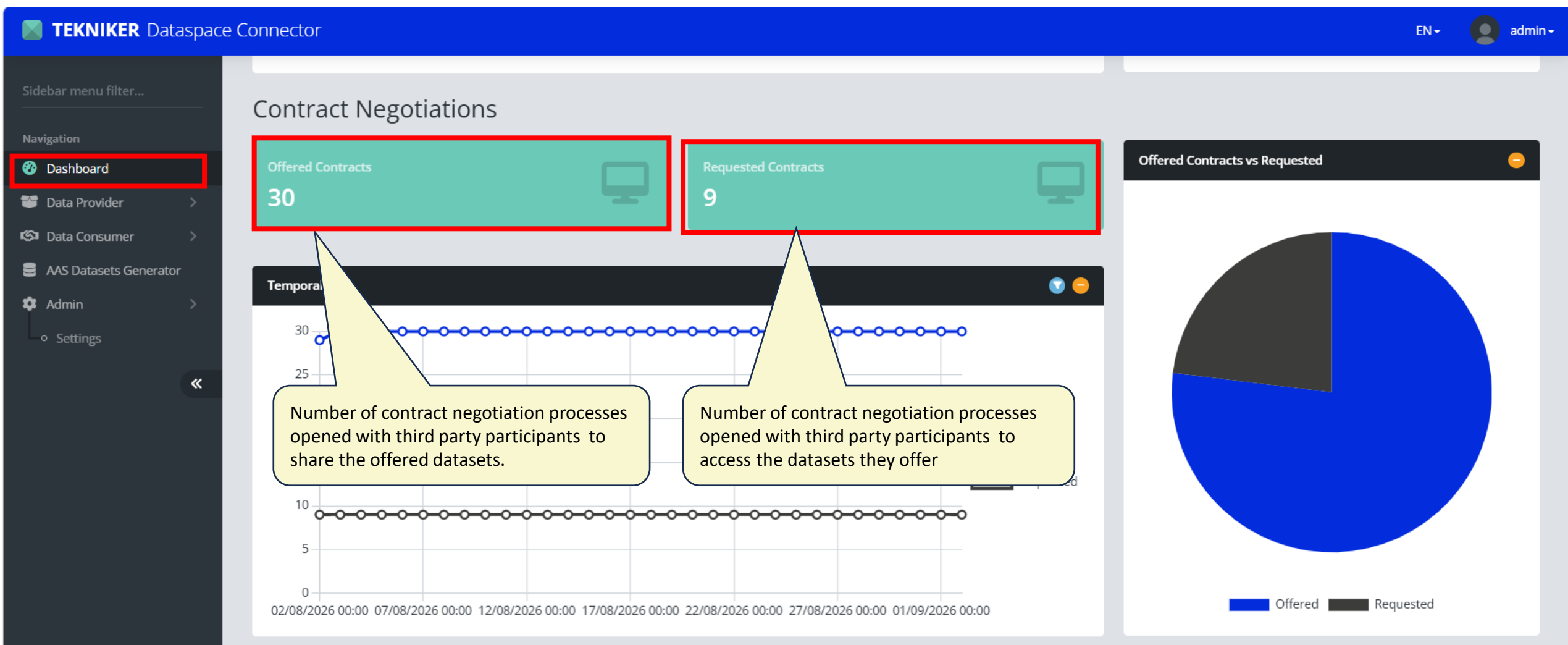
Month

Day

OK

Dashboard

←



Sidebar menu filter...

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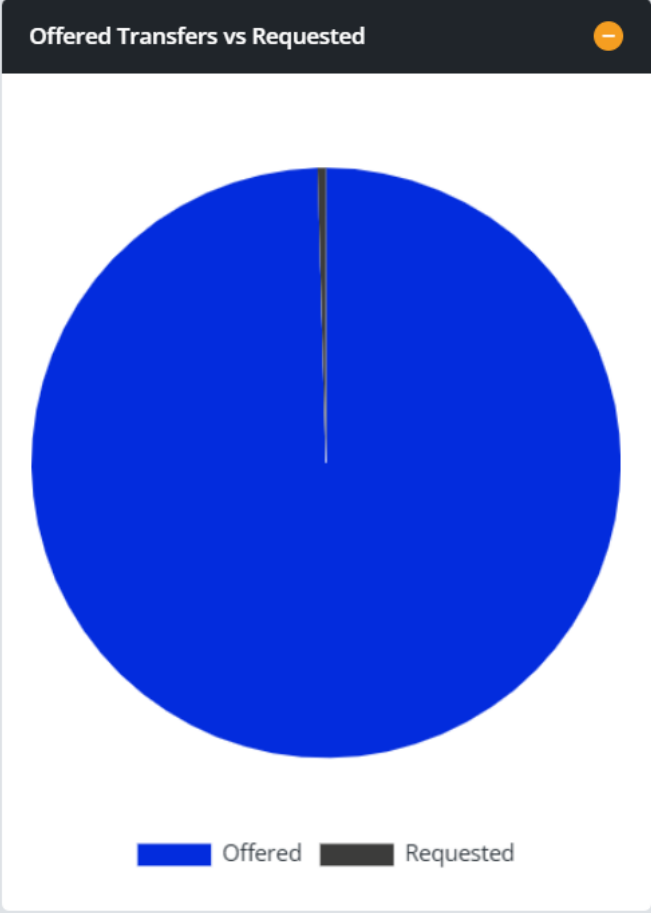
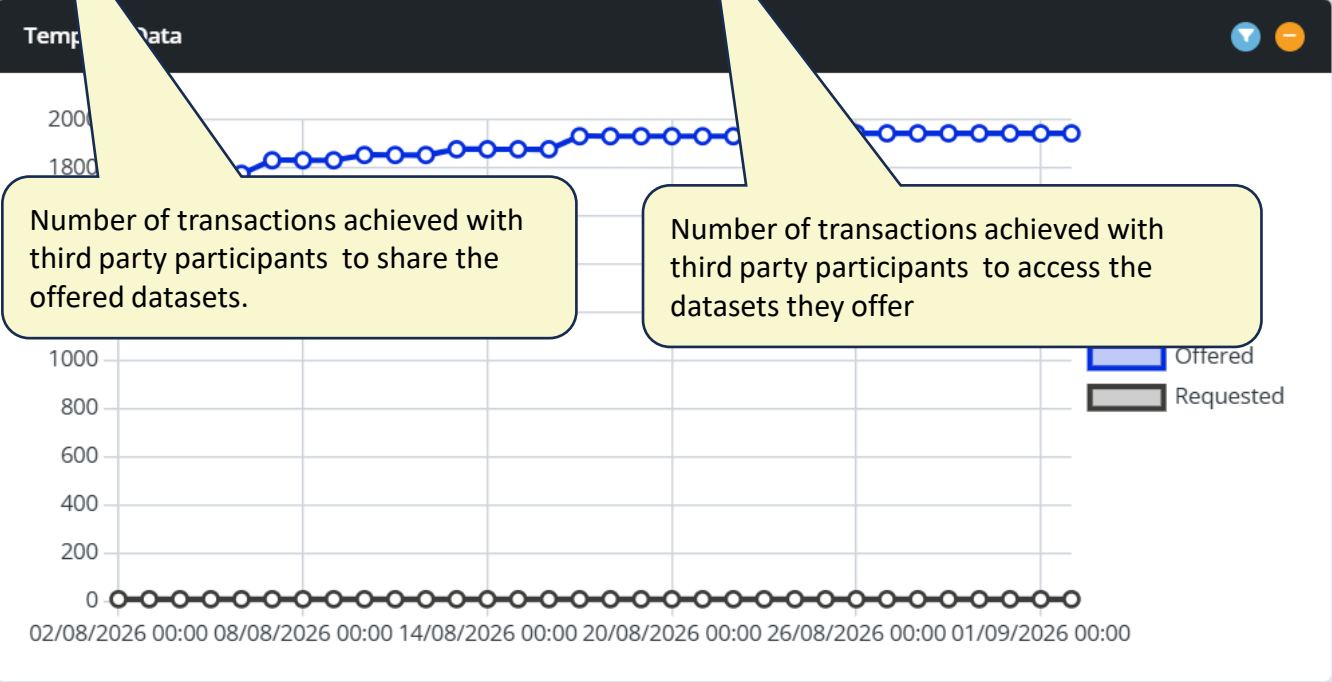
Transfers

Offered Transfers

1944

Requested Transfers

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Data Provider



Create Data Offering

Create data catalog



Create dataset and assign usage policies

Create dataset and assign usage policies from AAS model



Create manual dataset and assign usage policies (e.g., binary files)



Manage Datasets



Monitor Data Sharing Activities

Monitor contract negotiations



Monitor contracts



Monitor data transfers per contract



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Dashboard

Catalog

Contract Negotiations

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Transfers

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AAS Datasets Generator

Admin

1 Catalog

2 Data Service

Title: Tekniker T4M Catalog

Insert title

Description:

#	Language	Description	
1	en	Tekniker Manufacturing Resources Data	Remove

Insert description

Keywords:

manufacturing resource

Add manufacturing resource

Insert Keywords

Next

Check and next step

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Sidebar menu filter...

Navigation

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Add Catalog

1 Catalog

2 Data Service

Data Service

Description:Tekniker Dataspace Connector

URL:

/api/dsp/v1/server

Previous

OK

Insert DSP endpoint of the catalog

Check and submit

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Data Provider

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Data Provider – Create data offering – Create dataset and assign usage policies from AAS model

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Navigation

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Catalog

	Title	Description	Participant	Keywords	
>	Tec4MaaSES Demo Catalog	This is a demo catalog for Tec4MaaSES	participant1-mvd-dev	Tec4MaaSES, Demo	

Datasets

Details

Dataset ID	Title	Description	Keywords	themeTaxonomy	identifier	Actions
There are no records to display						

Select AAS Datasets Generation feature

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Data Provider – Create data offering –create dataset and assign usage policies from AAS model

Sidebar menu filter...

Navigation

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Requests

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Contracts

Transfers

AAS Datasets Generator

Admin

<<

Catalog

	Title	Description	Keywords
>	Tec4MaaSEs Tekniker Factory Catalog	Tekniker Factory Catalog	t4m, tekniker, tdc, fa3st, digitaltwin

AAS-TDC Connection Details

URL AAS Server /faaast/api/v3.0

Insert the Endpoint of the AAS server

URL TDC

Insert the Endpoint of the Dataspace Connector

☐ Submodel Elements

Select whether you want to generate datasets for SubmodelElements

Datasets

Keywords

manufacturing resources

Insert Keywords (applicable to all the datasets created from AAS models)

Distribution

Media Type

(Select and option)

Policy - Permissions

Add permission

#	Action	
1	(Select and action)	Remove Add constraint

Data Provider – Create data offering – Create dataset and assign usage policies from AAS model

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Catalog

	Title	Description	Keywords
>	Tec4MaaSEs Tekniker Factory Catalog	Tekniker Factory Catalog	t4m, tekniker, tdc, fa3st, digitaltwin

AAS-TDC Connection Details

URL AAS Server

/faast/api/v3.0

URL TDC

☐ Submodel Elements

Datasets

Keywords

manufacturing resourcesKeywords

Distribution

Media Type

application/json

(Select and option)

application/json

application/xml

text/plain

application/pdf

application/octet-stream

text/calendar

Select Distribution – Media Type

Data Provider – Create data offering – Create dataset and assign usage policies from AAS model- Permission

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Navigation

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Datasets

KeywordsKeywords

DistributionMedia Type(Select and option)

Policy - Permissions

Add permission

Insert new permissions included in the usage policy

#	Action	
1	use	Select Use action to define usage policy RemoveAdd constraint

#	Left Operand	Operator	Right Operand	
1	(Select a left operand)	(Select an operator)	Right Operand	Remove

Accept

Define the constraints associated to the permission

Data Provider – Create data offering – Create dataset and assign usage policies from AAS model- Permission

#	Action
1	system eq did:web: Remove

Select system to insert a permission related to authorized participant

Select the operand. eq → =

Insert the participantId as defined in settings

#	Action
1	dateTime (Select an operator) Right Operand Remove

Select dateTime to insert a permission related authored access related to data/time

Select the operand: lteq → <=; greq → >=

Insert data. Format= YYYY-MM-DDThh:mm:ssZ (ISO 8601 UTC)

Data Provider – Create data Offering – Create dataset and assign usage policies from AAS model

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Submodel Elements

Datasets

Keywords

manufacturing resourcesKeywords

Distribution

Media Type

application/json

Policy - Permissions

Add permission

#	Action
1	use

Remove

Add constraint

Accept

Generate datasets

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Data Provider – Create data Offering – Create dataset and assign usage policies from AAS model

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Catalog

	Title	Description	Keywords	
>	Tec4MaaSEs Tekniker Factory Catalog	Tekniker Factory Catalog	t4m, tekniker, tdc, fa3st, digitaltwin	

Datasets

AMRoboticCell

CapabilityDescription

ProductionCalendar

calendar

Goratu-GVC1000-47195

CapabilityDescription

ProductionCalendar

calendar

ArionG-M0406009

CapabilityDescription

ProductionCalendar

calendar

Tekniker Factory AASX

GDynamic-P8-HD-33100

CapabilityDescription

OperationalData

ProductionCalendar

SRA6040-191342

CanabilityDescription

Details

	Dataset ID	Title	Description	Keywords	themeTaxonomy	identifier	Actions
>	0b69b9ad-69c6-3032-...	AMRoboticCell	AssetAdministrationS...	fa3st, aasx, tdc		https://tekniker.es/aa...	

Hierarchy view of the datasets generated from the AAS model

Data Provider – Create data offering – Create manual dataset : EXAMPLE Upload File

Execute POST method to Upload File to Fileserver API and copy the URL provided by the API

DATA CONNECTOR

COLLECTIONS

DATA CONNECTOR FILESERVER

POST POST file DEV

POST POST file T4M FACTORY TEKNIKER

GET GET file DEV

GET GET file T4M factory tekniKER

POST POST file PRE

GET GET file PRE

POST POST file T4M FACTORY TEKNIKER aasx

GET GET file T4M factory tekniKER aasx

DATA CONNECTOR FILESERVER > POST file T4M FACTORY TEKNIKER aasx

POST

/fileserver/api/v1/file/

Send

Docs

Params

Authorization

Headers 9

Body

Scripts

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

Key		Value	Description	Bulk Edit	...
✓ file	File	TEK_FACTORY_COMPLETE.aasx			
Key	Text	Value	Description		

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Data Provider – Create data offering – Create manual dataset and assign usage policies

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Catalog

	Title	Description	Keywords	
>	Tec4MaaSEs Tekniker Factory Catalog	Tekniker Factory Catalog	t4m, tekniker, tdc, fa3st, digitaltwin	

Datasets

Add dataset

> AMRoboticCell

> Goratu-GVC1000-47195

> ArionG-M0406009

> Tekniker Factory AASX

> GDynamic-P8-HD-33100

> SRA6040-191342

> Titan

Details

Title	Description	Keywords	themeTaxonomy	identifier	Actions
There are no records to display					

Data Provider – Create data offering – Create manual dataset

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AAS Datasets Generator

Admin

Add Dataset

1

2

3

4

5

Title:

Tekniker Factory AASX

Insert title

Description:

#	Language	Description
1	en	AASX file

Remove

Insert description

Keywords:

aasx x tekniker x tdc x Keywords

Insert keywords

Next

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Connection Details: <https://t4m-factory.tekniker.es>

<https://t4m-factory.tekniker.es/tdc/ui/provider/dataset/add>

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Data Consumer

AAS Datasets Generator

Admin

Add Dataset

12345

Endpoint type: HTTP

Add property

#	Name	Value	
1	https://w3id.org/edc/v0.0.1/ns/baseUrl	/fileserver/api/v1/file/1802925991_TEK_FACTORY_COMPLE	Remove

PreviousNext

Select Endpoint type

Select baseUrl as name for the property and define value provided by Fileserver API

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Add Dataset

12345

Media Type

- application/octet-stream

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Select distribution media type octet-stream for binary file

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Data Consumer

AAS Datasets Generator

Admin

Add Dataset

12345

Add permission

#	Action	
1	use	RemoveAdd constraint

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Select Use action to define usage policy

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AAS Datasets Generator

Admin

Add Dataset

1

2

3

4

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Datasets

> AMRoboticCell

> Goratu-GVC1000-47195

> ArionG-M0406009

> GDynamic-P8-HD-33100

> SRA6040-191342

> Titan

Details

Dataset ID	Title	Description	Keywords	themeTaxonomy	identifier
There are no records to display					

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OK

Select the position in the Datasets hierarchy and Create dataset

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bookmarks

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Catalog

	Title	Description
>	Tec4MaaSEs Tekniker Factory Catalog	Tekniker Factory Catalog

Datasets

- > AMRoboticCell
- > Goratu-GVC1000-47195
- > ArionG-M0406009
- Tekniker Factory AASX**
- > GDynamic-P8-HD-33100
- > SRA6040-191342
- > Titan

Details

	Dataset ID	Title	Description	Keywords	themeTaxonomy	identifier	Actions
>	6c1c3669-80bf-42d4-8181-...	Tekniker Factory AASX	AASX file	aasx, tekniker, tdc			

Historial de descargas recientes

6c1c3669-80bf-42d4-8181-e016d675c672.bin

58,9 KB • Hecho

Click button to download the file

Data Provider

←

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Data Provider – Create data offering – Manage datasets

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Catalog

	Title	Description	Keywords
>	Tec4MaaSEs Tekniker Factory Catalog	Tekniker Factory Catalog	t4m, tekniker, tdc, fa3st, digitaltwin

Datasets

AMRoboticCell

- CapabilityDescription

ProductionCalendar

- calendar

Goratu-GVC1000-47195

- CapabilityDescription

ProductionCalendar

- calendar

ArionG-M0406009

- CapabilityDescription

ProductionCalendar

- calendar

GDynamic-P8-HD-33100

- CapabilityDescription
- OperationalData
 - ProductionCalendar

SRA6040-191342

- CapabilityDescription
- ProductionCalendar

Titan

- CapabilityDescription

Details

	Dataset ID	Title	Description	Keywords	themeTaxonomy	identifier	Actions
>	ca8412ad-7e50-39c0-96cd-...	calendar	File	fa3st, aasx, tdc	https://admin-shell.io/idta/...		

Dataset metadata

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Data Provider – Create data offering – Manage datasets

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Catalog

	Title	Description	Keywords	
>	Tec4MaaSes Tekniker Factory Catalog	Tekniker Factory Catalog	t4m, tekniker, tdc, fa3st, digitaltwin	

Datasets

AMRoboticCell

CapabilityDescription

ProductionCalendar

calendar

Goratu-GVC1000-47195

CapabilityDescription

ProductionCalendar

calendar

ArionG-M0406009

CapabilityDescription

ProductionCalendar

calendar

GDynamic-P8-HD-33100

CapabilityDescription

OperationalData

ProductionCalendar

SRA6040-191342

CapabilityDescription

ProductionCalendar

Titan

CapabilityDescription

Details

Dataset ID	Title	Description	Keywords	themeTaxonomy	identifier	Actions
ca8412ad-7e50-39c0-96cd-...	calendar	File	fa3st, aasx, tdc	https://admin-shell.io/idta/...		

Distribution

Media Type	Access Service	URL	
text/calendar	T4M Tekniker Factory Data Service		

Data Address

Endpoint

HTTP

Properties

#	Name	Value
1	https://w3id.org/edc/v0.0.1/ns/baseUrl	https://t4m-factory....

Permissions

#	Action	
1	use	

Constraints

#	Left Operand	Operator	Right Operand
No constraints available			

View dataset details

If needed update usage policies for a specific dataset

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	Title	Description	Keywords
>	Tec4MaaSes Tekniker Factory Catalog	Tekniker Factory Catalog	t4m, tekniker, tdc, fa3st, digitaltwin

Datasets

AMRoboticCell

- CapabilityDescription

ProductionCalendar

- calendar

Goratu-GVC1000-47195

- CapabilityDescription

ArionG-M0406009

- CapabilityDescription

ProductionCalendar

- calendar

GDynamic-P8-HD-33100

- CapabilityDescription
- OperationalData

ProductionCalendar

SRA6040-191342

- CapabilityDescription
- ProductionCalendar

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- CapabilityDescription

Details

Dataset ID	Title	Description	Keywords	themeTaxonomy	identifier	Actions
> ca8412ad-7e50-39c0-96cd-...	calendar	File	fa3st, aasx, tdc	https://admin-shell.io/idta/...		

Download data

Path Parameter

Path Parameter

Query Parameters

#	Name	Value	
1	Name	Value	Remove

OK

ca8412ad-7e50-39c0-...

```
BEGIN:VCALENDAR
VERSION:2.0
BEGIN:VEVENT
UID:AMRoboticCell_availability_0
SUMMARY:AMRoboticCell Available
DTSTART:20260420T080000Z
DTEND:20260420T090000Z
X-AVAILABILITY:1
END:VEVENT
BEGIN:VEVENT
UID:AMRoboticCell_availability_1
SUMMARY:AMRoboticCell Available
DTSTART:20260420T100000Z
DTEND:20260420T123000Z
X-AVAILABILITY:1
END:VEVENT
BEGIN:VEVENT
UID:AMRoboticCell_availability_2
SUMMARY:AMRoboticCell Available
DTSTART:20260420T133000Z
DTEND:20260420T173000Z
X-AVAILABILITY:1
END:VEVENT
BEGIN:VEVENT
UID:AMRoboticCell_availability_3
SUMMARY:AMRoboticCell Available
DTSTART:20260421T090000Z
DTEND:20260421T103000Z
X-AVAILABILITY:1
END:VEVENT
BEGIN:VEVENT
UID:AMRoboticCell_availability_4
SUMMARY:AMRoboticCell Available
DTSTART:20260421T113000Z
DTEND:20260421T123000Z
X-AVAILABILITY:1
END:VEVENT
END:VCALENDAR
```

Download Dataset

Dataset in Json Format

Confirm Download

Data Provider

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Details

	Dataset ID	Title	Description	Keywords
>	5784898f-eee2-3165-8763-724695dc4b2f	CapabilityDescription	Submodel	fa3st, aasx, tdc

Dataset details

Data Provider – Monitor contract negotiations

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CapabilityDescription

ProductionCalendar

Details

Dataset ID	Title	Description	Keywords
5784898f-eee2-3165-8763-724695dc4b2f	CapabilityDescription	Submodel	fa3st, aasx, tdc

Contract Negotiations

Provider PID	Consumer PID	Callback Address	State
8b9290f5-9b8e-43c6-bf00-cb88deec5e8e	c46ffb3d-67a5-4dcd-b408-3936d180a181	https://	FINALIZED
b3ac6226-7b30-4192-a3a8-34e2860349...	aade5a4f-13e5-477d-82ed-36bb247385...	https://	AGREED
e9b75746-2857-4ec5-bb16-8021b7e90...	8544d84d-5a4c-443e-9c4d-765fe25430...	https://	FINALIZED
1d3bdca3-3bc7-4342-bda1-59b507376...	c6da1c87-6c9d-47b3-9cc8-5c75c30dd86c	https://	FINALIZED
e110ad39-9a02-4a40-bb75-c04a60b9ea...	881f2d0d-e39a-4cc0-98fb-3f38a1bf6741	https://	FINALIZED
03dce6a9-6093-48d5-8d1a-f3834a6dc1...	d5d4dd02-88f0-4c01-b0ab-923fd516e0...	https://	FINALIZED

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List of contract negotiations for a given dataset, identifying relevant information and status.

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Dataset ID	Title	Description	Keywords
5784898f-eee2-3165-8763-724695dc4b2f	CapabilityDescription	Submodel	fa3st, aasx, tdc

Contract Negotiations

	Provider PID	Consumer PID	Callback Address	State
>	8b9290f5-9b8e-43c6-bf00-cb88deec5e8e	c46ffb3d-67a5-4dcd-b408-3936d180a181	https://	FINALIZED
>	b3ac6226-7b30-4192-a3a8-34e2860349...	aade5a4f-13e5-477d-82ed-36bb247385...	https://	AGREED
▼	e9b75746-2857-4ec5-bb16-8021b7e90...	8544d84d-5a4c-443e-9c4d-765fe25430...	https://	FINALIZED

Agreements

	Timestamp	Assigner	Assignee
>	2026-06-17T06:57:36Z	did:web:	did:web:

>	1d3bdca3-3bc7-4342-bda1-59b507376...	c6da1c87-6c9d-47...	https://	FINALIZED
>	e110ad39-9a02-4a40-bb75-c04a60b9ea...	881f2d0d-e3...	https://	FINALIZED
>	03dce6a9-6093-48d5-8d1a-f3834a6dc1...	d5d4dd0...	https://	FINALIZED

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Details for a given contract negotiation process

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	Dataset ID	Title	Description	Keywords
>	5784898f-eee2-3165-8763-724695dc4b2f	CapabilityDescription	Submodel	fa3st, aasx, tdc

Dataset details

Data Provider – Monitor contracts

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Titan

Details

	Dataset ID	Title	Description	Keywords
✓	5784898f-eee2-3165-8763-724695dc4b2f	CapabilityDescription	Submodel	fa3st, aasx, tdc

Agreements

	Timestamp	Assigner	Assignee
>	2026-07-29T11:28:29Z	did:web:t	did:web
>	2026-06-17T06:57:36Z	did:web:t	did:web
>	2026-07-29T11:26:21Z	did:web:t	did:web
>	2026-07-28T06:00:46Z	did:web:t	t4m-ma
>	2026-07-16T10:43:34Z	did:web:t	did:web
>	2026-07-16T11:18:02Z	did:web:t	did:web

Rows per page 10 1-6 of 6

List of contracts for a given dataset. Identification of the Data Provider (Assigner) and Data Consumer (Assignee) Participants

TEKNIKER Dataspace Connector

EN admin

Navigation

Dashboard

Data Provider

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- Contract Negotiations
- Contracts
- Transfers

Data Consumer

AAS Datasets Generator

Admin

Datasets

AMRoboticCell

- CapabilityDescription
- ProductionCalendar
- Goratu-GVC1000-47195
- ArionG-M0406009
- GDynamic-P8-HD-33100
- SRA6040-191342
- Titan

Details

Dataset ID	Title	Description	Keywords
5784898f-eee2-3165-8763-724695dc4b2f	CapabilityDescription	Submodel	fa3st, aasx, tdc

Agreements

Timestamp	Assigner	Assignee
2026-07-29T11:28:29Z	did:web:	did:web:
2026-06-17T06:57:36Z	did:web:	did:web:

Permissions

#	Action
1	use

Constraints

#	Left Operand	Operator	Right Operand
No constraints available			

2026-07-29T11:26:...	did:web:	did:web:
2026-07-28T06:00:4...	did:web:	t4m-ma...
	did:web:	did:web:
	did:web:	did:web:

Rows per page 10 1-6 of 6

Details of usage policies for each contract.

Data Provider – Monitor data transfers per contract

TEKNIKER Dataspace Connector

EN admin

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Datasets

AMRoboticCell

- CapabilityDescription
- ProductionCalendar
- Goratu-GVC1000-47195
- ArionG-M0406009
- GDynamic-P8-HD-33100
- SRA6040-191342
- Titan

Details

	Dataset ID	Title	Description	Keywords
>	5784898f-eee2-3165-8763-724695dc4b2f	CapabilityDescription	Submodel	fa3st, aasx, tdc

Dataset details

Data Provider – Monitor data transfers per contract

TEKNIKER Dataspace Connector

ENadmin

Dashboard

Data Provider

Contracts

Transfers

Data Consumer

AAS Datasets Generator

Admin

Datasets

AMRoboticCell

CapabilityDescription

ProductionCalendar

Goratu-GVC1000-47195

ArionG-M0406009

GDynamic-P8-HD-33100

SRA6040-191342

Titan

Details

	Dataset ID	Title	Description	Keywords
▼	5784898f-eee2-3165-8763-724695dc4b2f	CapabilityDescription	Submodel	fa3st, aasx, tdc

Agreements

	Timestamp	Assigner	Assignee
>	2026-07-29T11:28:29Z	did:web:t4	did:web:
>	2026-06-17T06:57:36Z	did:web:t4	did:web:
>	2026-07-29T11:26:21Z	did:web:t4	did:web:
>	2026-07-28T06:00:46Z	did:web:t4	t4m-mag
>	2026-07-16T10:43:34Z	did:web:t4	did:web:
>	2026-07-16T11:18:02Z	did:web:t4	did:web:

Rows per page101-6 of 6

List of contracts for a given dataset. Identification of the Data Consumer (Assignee).

Data Provider – Monitor data transfers per contract

TEKNIKER Dataspace Connector

EN admin

Dashboard

Data Provider

Catalog

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AMRoboticCell

CapabilityDescription

ProductionCalendar

Goratu-GVC1000-47195

ArionG-M0406009

GDynamic-P8-HD-33100

SRA6040-191342

Titan

Details

List of transfer for a given contract including details on Data Provider , Data Consumer. Action and status.

Agreements

Timestamp	Assigner	Assignee
2026-07-29T11:28:29Z	did:web:...	...
2026-06-17T06:57:36Z	did:web:...	...

Transfers

#	Provider PID	Consumer PID	Callback Address	State
1	6ab32-dc97-4d36-88fb-02ef5baf...	6ea1fee1-7a27-44f0-a8ae-f38d5426e...	https://c...	STARTED
2	89-9252-4cf3-b9ae-af0d4114d...	8cc7f63a-61...e-a0cc-32db23410...	https://c...	STARTED
3	d4b-40b6-a4a4-9f276633...	dc3b654-...1-ba59-5794108...	https://c...	STARTED
4	09-e79c15fb8...	9666d859...834d-1ee622fb...	https://c...	STARTED
5	bc91c379-13b7-4f53-b3f8-aa2a95af6...	a0ba93...88-72c97afa...	https://c...	STARTED
6	33a35...	...	https://c...	STARTED
7	34ed2...	...	https://c...	STARTED
8	f19d5f74-d092-4289-ba1f-f5922e41b...	13d9021b-bb9d-4cbe-9034-9884cb7...	https://c...	STARTED
9	f6df50fe-8334-4b25-a978-92edec058...	6db23691-c94b-4559-9672-d22c4ca9...	https://c...	STARTED
10	fe032e0d-6c94-4417-873d-b92a48c8...	3b16f583-f4d7-4102-a3b9-688e3e8c...	https://c...	STARTED

Target URL to continue the Transfer process

Transfer ID generated from provider side

Transfer ID generated from consumer side

Transfer status

Rows per page 10

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Data Consumer



Request datasets

Request dataset negotiation from data provider



Monitor contract negotiation process



Monitor contracts - Download negotiated datasets



Monitor Data Sharing Activities

Monitor data transfers for a given dataset



Data Consumer – – Request dataset negotiation from data provider— Select provider

TEKNIKER Dataspace Connector

EN admin

Sidebar menu filter...

Navigation

- Dashboard
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 - Transfers
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- Admin

Request a Catalog from Provider

Available Participants

(Select a participant)

(Select a participant)

did:web:

did:web:

did:web:

did:web:

https:// Provider Id

Select the Participant from which you want to request the catalog.

If the Participant if not available

TEKNIKER Dataspace Connector

EN admin

Sidebar menu filter...

Navigation

- Dashboard
- Data Provider
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 - Contracts

did:web:t4m-factory.tekniker.es:dids:t4m-tekniker

Request a Catalog from Provider

Available Participants

(Select a participant)

https:// Provider Id

Search

Insert both the Endpoint of the Connector and the ProviderId (ParticipantID) from which you want to request the catalog. It will be included in the list of Available Participants

Data Consumer – Request dataset negotiation from data provider- Browse provider catalog

TEKNIKER Dataspace Connector

EN admin

Navigation

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Request a Catalog from Provider

Available Participants

did:web:t

Data provider URL connector

Provider Id

Catalog

	Title	Description	Keywords
>	Tec4MaaSEs Moldes Ura Factory Catalog	Moldes Ura Factory Catalog	t4m, moldesura, tdc, fa3st, digitaltwin

Datasets

- T_001-MORI_SEIKI_SL200
- F_001-CORREA_FP30
- F_005-DMG_MORI_DMF_360L
- F_004-DMG_ECOMILL
- F_003-JOHN_FORD_SV41
- F_002-CORREA_A22
- F_006-DMG_DMU_125P

Details

Dataset ID	Title	Description	Keywords	themeTaxonomy	identifier
There are no records to display					

Catalog and datasets provided by the selected Participant

Data Consumer – Request dataset negotiation from data provider- Select dataset

TEKNIKER Dataspace Connector

EN admin

Navigation

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Request a Catalog from Provider

Available Participants

Data provider URL connector

Provider Id

Catalog

	Title	Description	Keywords
>	Tec4MaaSEs Moldes Ura Factory Catalog	Moldes Ura Factory Catalog	t4m, moldesura, tdc, fa3st, digitaltwin

Datasets

T_001-MORI_SEIKI_SL200

CapabilityDescription

ProductionCalendar

F_001-CORREA_FP30

F_005-DMG_MORI_DMF_360L

F_004-DMG_ECOMILL

F_003-JOHN_FORD_SV41

F_002-CORREA_A22

F_006-DMG_DMU_125P

Details

	Dataset ID	Title	Description	Keywords	themeTaxonomy	identifier
>	6cfe6189-b8d1-3c45-a79b-b498c54...	CapabilityDescription	Submodel	fa3st, tdc, aasx	https://admin-shell.io/idta/Capability...	https://moldesura.com/?aas/T_001-M...

Metadata of the selected dataset

Data Consumer – Request dataset negotiation from data provider- Agree on usage policies and start negotiation

TEKNIKER Dataspace Connector

EN admin

Navigation

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- Admin

Request a Catalog from Provider

Available Participants

Data provider URL connectorProvider Id

Catalog

Title	Description	Keywords
Tec4MaaSEs Moldes Ura Factory Catalog	Moldes Ura Factory Catalog	t4m, moldesura, tdc, fa3st, digitaltwin

Datasets

T_001-MORI_SEIKI_SL200

- CapabilityDescription
- ProductionCalendar
- F_001-CORREA_FP30
- F_005-DMG_MORI_DMF_360L
- F_004-DMG_ECOMILL
- F_003-JOHN_FORD_SV41
- F_002-CORREA_A22
- F_006-DMG_DMU_125P

Details

Dataset ID	Title	Description	Keywords	themeTaxonomy	identifier
6cfe6189-b8d1-3c45-a79b-b498c54...	CapabilityDescription	Submodel	fa3st, tdc, aasx	https://admin-shell.io/ida/Capability...	https://moldesura.com/?aas/T_001-M...

Distribution

Media Type	Access Service	URL
application/json	T4M Moldes Ura Factory Data Service	https://

Permissions

#	Action
1	use

Constraints

#	Left Operand	Operator	Right Operand
No constraints available			

Accept

Accept usage policies to proceed with the negotiation

Format and usage policies of the selected dataset

Data Consumer – Request dataset negotiation from data provider- Agree on usage policies and start negotiation

TEKNIKER Dataspace Connector

ENadmin

Navigation

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Request a Catalog from Provider

Available Participants

Data provider URL connector

Provider Id

Catalog

Title	Keywords
Tec4MaaSEs Moldes Ura Factory Catalog	t4m, moldesura, tdc, fa3st, digitaltwin

Datasets

T_001-MORI_SEIKI_SL200

CapabilityDescription

ProductionCalendar

F_001-CORREA_FP30

F_005-DMG_MORI_DMF_360L

F_004-DMG_ECOMILL

F_003-JOHN_FORD_SV41

F_002-CORREA_A22

F_006-DMG_DMU_125P

Details

Dataset ID
6cfe6189-b8d1-3c45-a79b-b498c54...

Distribution

Media Type	Acc
application/json	T4M

Permissions

#	Action
1	use

Constraints

#	Left Operand	Operator	Right Operand
No constraints available			

Contract negotiation has been started.

Success!

OK

Keywords

themeTaxonomy

identifier

fa3st, tdc, aasx	https://admin-shell.io/tda/Capability...	https://moldesura.com/?aas/T_001-M...
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URL

Accept

Data Consumer – Request dataset from data provider – Monitor contract negotiation process

TEKNIKER Dataspace Connector

EN admin

Navigation

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Providers

Available Participants

Select Data Provider

Catalog

Title	Description	Keywords
Tec4MaaSEs Moldes Ura Factory Catalog	Moldes Ura Factory Catalog	t4m, moldesura, tdc, fa3st, digitaltwin

Datasets

T_001-MORI_SEIKI_SL200

- CapabilityDescription
- ProductionCalendar
- F_001-CORREA_FP30
- F_001-DMG_MORI_DMF_360L
- F_001-DMG_ECOMILL
- JOHN_FORD_SV41
- E-CORREA_A22
- 6-DMG_DMU_125P

Details

Dataset ID

6cfe6189-b8d1-3c45-a79b-b498c547e0b9

CapabilityDescription

Submodel

fa3st, tdc, aasx

Contract Negotiations

Provider PID	Consumer PID	Callback Address	State
636d0ba6-1db0-49f6-9d79-fc3a7f6b804a	dbb1a044-deff-43d1-bfeb-54888d510fb9	https://	FINALIZED

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Select dataset

Open dataset details

Status of contract negotiation

Data Consumer – Request dataset from data provider – Monitor contract negotiation process

TEKNIKER Dataspace Connector

EN admin

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Providers

Available Participants

Catalog

Title	Description	Keywords
Tec4MaaSEs Moldes Ura Factory Catalog	Moldes Ura Factory Catalog	t4m, moldesura, tdc, fa3st, digitaltwin

Datasets

T_001-MORI_SEIKI_SL200

- CapabilityDescription
- ProductionCalendar

F_001-CORREA_FP30

F_005-DMG_MORI_DMF_360L

F_004-DMG_ECOMILL

F_003-JOHN_FORD_SV41

F_002-CORREA_A22

F_006-DMG_DMU_125P

Details

Dataset ID	Title	Description	Keywords
6cfe6189-b8d1-3c45-a79b-b498c547e0b9	CapabilityDescription	Submodel	fa3st, tdc, aasx

Contract Negotiations

Provider PID	Consumer PID	Callback Address	State
636d0ba6-1db0-49f6-9d79-fc3a7f6b804a	dbb1a044-deff-43d1-bfeb-54888d510fb9	https://	FINALIZED

Agreements

Timestamp	Assigner	Assignee
2026-09-02T09:31:08Z	did:web:	did:web:t

Permissions

#	Action
1	use

Constraints

#	Left Operand	Operator	Right Operand
No constraints available			

Data Consumer – Monitor contracts - Download negotiated datasets

TEKNIKER Dataspace Connector

EN admin

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Available Participants

Catalog

Title	Description	Keywords
Tec4MaaSEs Moldes Ura Factory Catalog	Moldes Ura Factory Catalog	t4m, moldesura, tdc, fa3st, digitaltwin

Datasets

T_001-MORI_SEIKI_SL200

CapabilityDescription

ProductionCalendar

F_001-CORREA_FP30

F_005-DMG_MORI_DMF_360L

F_004-DMG_ECOMILL

F_003-JOHN_FORD_SV41

F_002-CORREA_A22

F_006-DMG_DMU_125P

Details

Dataset ID	Title	Description	Keywords	Actions
6cfe6189-b8d1-3c45-a79b-b498c547e0b9	CapabilityDescription	Submodel	fa3st, tdc, aasx	STEP1- Get token STEP2- Download dataset

Agreements

Timestamp	Assigner	Assignee
2026-09-02T09:31:08Z	did:web:	d

Permissions

#	Action
1	use

Constraints

#	Left Operand	Operator
No constraints available		

Historial de descargas recientes

6cfe6189-b8d1-3c45-a79b-b498c547e0b9.json

269 KB • Hecho

Data Consumer

←

Negotiated terms for a specific dataset

Data Consumer – Monitor data transfers for a given dataset

TEKNIKER Dataspace Connector

ENadmin

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Providers

Available Participants

Catalog

Title	Description	Keywords
Tec4MaaSEs Moldes Ura Factory Catalog	Moldes Ura Factory Catalog	t4m, moldesura, tdc, fa3st, digitaltwin

Datasets

T_001-MORI_SEIKI_SL200

- CapabilityDescription
- ProductionCalendar
- F_001-CORREA_FP30
- F_005-DMG_MORI_DMF_360L
- F_004-DMG_ECOMILL
- F_003-JOHN_FORD_SV41
- F_002-CORREA_A22
- F_006-DMG_DMU_125P

Details

Dataset ID	Title	Description	Keywords
6cfe6189-b8d1-3c45-a79b-b498c547e0b9	CapabilityDescription	Submodel	fa3st, tdc, aasx

Agreements

Timestamp	Assigner	Assignee
2026-09-02T09:31:08Z	did:web:	did:web:

Rows per page 10 1-1 of 1

List of available contracts

Data Consumer – Monitor data transfers for a given dataset

TEKNIKER Dataspace Connector

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Providers

Available Participants

Catalog

	Title	Description	Keywords
>	Tec4MaaSEs Moldes Ura Factory Catalog	Moldes Ura Factory Catalog	t4m, moldesura, tdc, fa3st, digitaltwin

Datasets

T_001-MORI_SEIKI_SL200

- CapabilityDescription
- ProductionCalendar
- F_001-CORREA_FP30
- F_005-DMG_MORI_DMF_360L
- F_004-DMG_ECOMILL
- F_003-JOHN_FORD_SV41
- F_002-CORREA_A22
- F_006-DMG_DMU_125P

Details

Dataset ID	Title	Description	Keywords
6cfe6189-b8d1-3c45-a79b-b498c547e0b9	CapabilityDescription	Submodel	fa3st, tdc, aasx

Agreements

	Timestamp	Assigner	Assignee
▼	2026-09-02T09:31:08Z	did:web:t	did:web:t4

Transfers

#	Provider PID	Consumer PID	Callback Address	State
1	efbd08dd-f19d-4ac3-a77e-e6b5d877bbc4	08fe6388-09a0-454d-8af1-a4e78afcaf93	https://t	STARTED

Details of the data transfer for the selected contract

Rows per page 10 1-1 of 1



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Thank you!

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