

# Network Administration

Managing Your Digital Twin



# Agenda

- Morning Recap
- Intro to Administration: Managing Your Digital Twin
- Describe Process Networks
- Expand Your Networks
- Populate Your Shared Workspaces



# Morning Session Recap: Foundations



End-to-End Supply Chain Digitalisation and Orchestration



Opus Platform Foundations



TraceLink Network and Opus Integrations Foundation

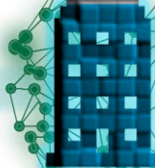


Supply Chain Orchestration with MINT

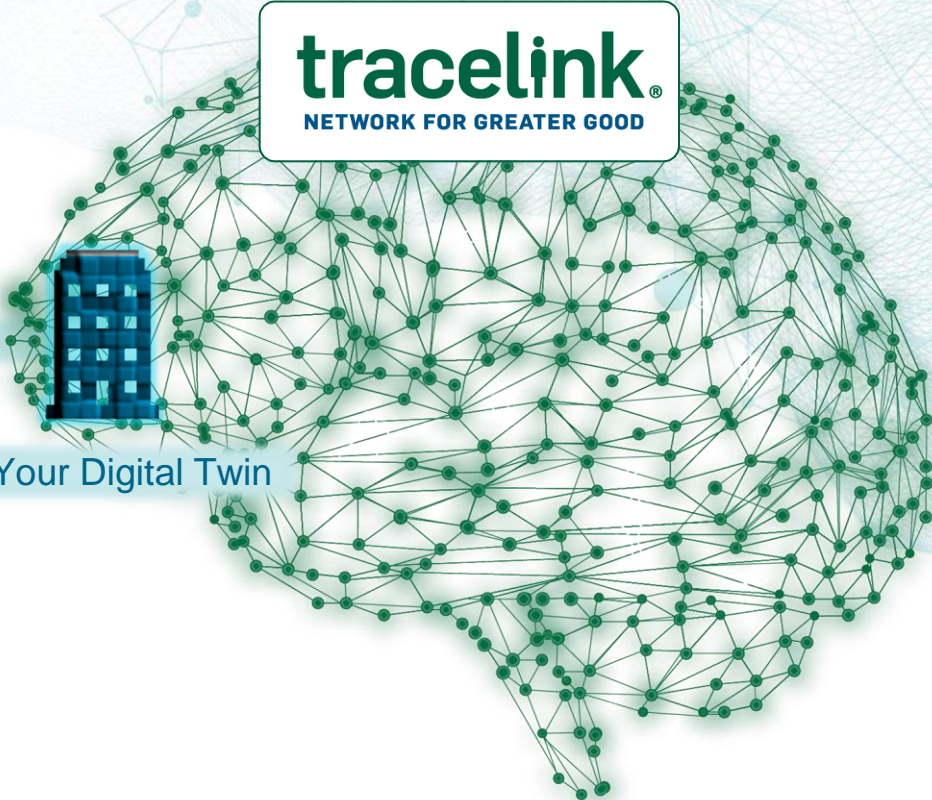
# Digital Twin

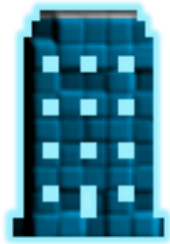


Your Company



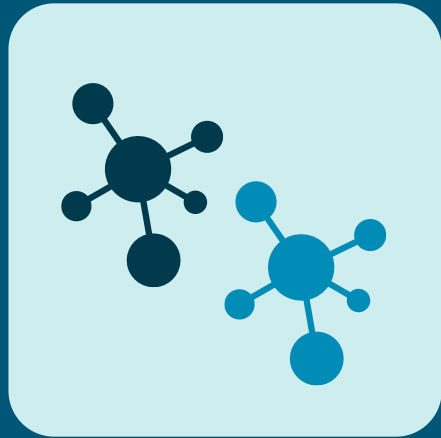
Your Digital Twin



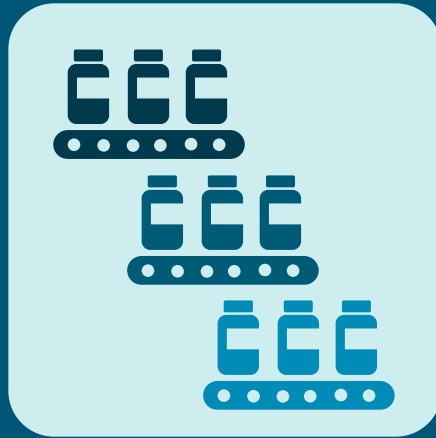


# Managing Your Digital Twin

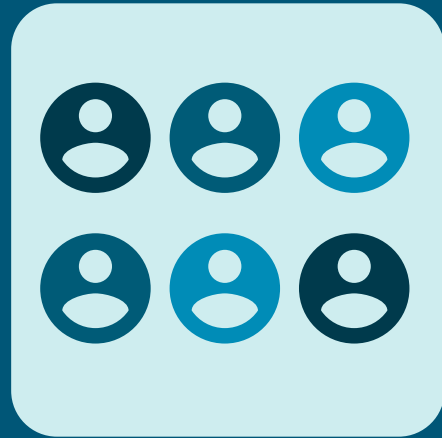
Process Networks



Partners and Links



Users



# Checkpoint

- ✓ Morning Recap
- ✓ Intro to Administration: Managing Your Digital Twin
  - Describe Process Networks
  - Expand Your Networks
  - Populate Your Shared Workspaces



# Process Networks

Process networks create shared digital workspaces to orchestrate different kinds of business processes through a single platform.



# Orchestrating your Business Processes

*Different Process Networks for different business processes!*

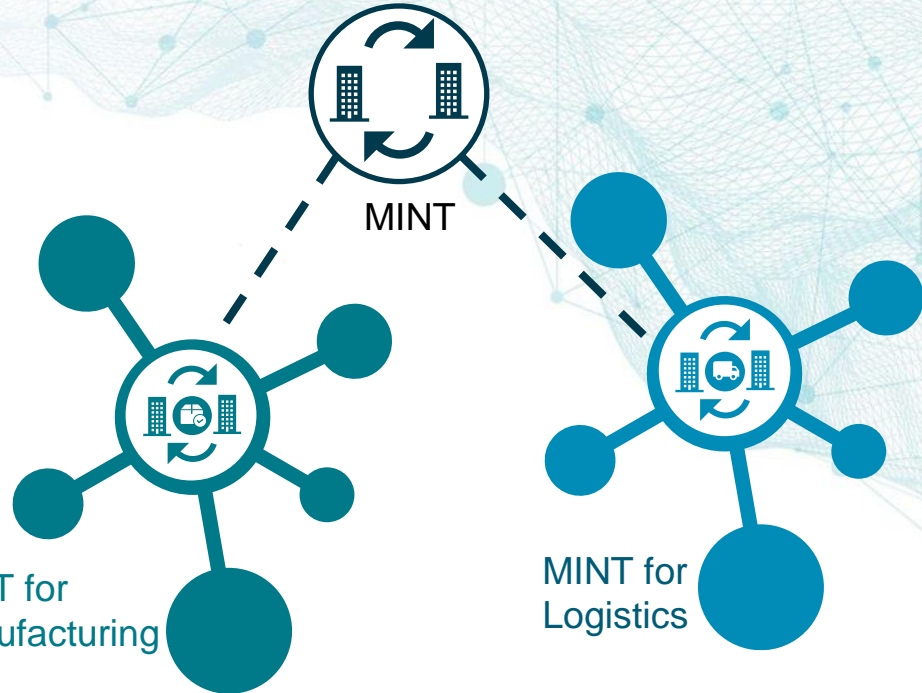
## Multienterprise Application

App that enables a network through linking.

## Multinetwork Application

A **Multienterprise Application** that can be applied to more than one network.

? Why multiple Process Networks?





# Something to Think About...



## Orchestrations Can Define Networks

- What data are you exchanging with your partners or do you want to exchange with your partners? And for what business purpose?
- Would you benefit from creating multiple networks for the different business use cases for different partners?
- How would you divide the work for your end users? What would you want them to have access to?

# In This Example



## Orchestration Example: Manufacturing

- Exchanging manufacturing transactions including POs, Invoices, ASNs, Inventory Balance, and Inventory Adjustment.
- Create a network called Manufacturing Information Network and apply the MINT solution. Link all CMOs.
- Add users from teams including Procurement, Planning teams, Shipping / Receiving teams, etc.

# Demo

Managing a Network



- Master Data
- My Networks
- Partner Networks
- Administration**
- Master Data
- B2B Integration

# Networks

View TraceLink networks that your company has access to and the associated application, Owner, and your company's role for each network.

NETWORKS APPS

View the networks your company uses to exchange data with Partners (e.g. MINT, SCWM).

Application: All

Owner: All

RESET APPLY



Status	Network	Description	My Company's Role	Owner	Application
--------	---------	-------------	-------------------	-------	-------------

No data available

- Networks
- Links
- Users
- B2B Integration
- My Network Company

# Networks

View TraceLink networks that your company has access to and the associated application, Owner, and you

NETWORKS APPS

View the networks your company uses to exchange data with Partners (e.g. MINT, SCWM).

Application [Menu]

Status	Network	Description	My Company's Role	Owner
No data available				

## Add Network

Add networks for applications that support multiple networks (e.g. Agile Process Teams) to differentiate between distinct parts of your business.

Application \*  
Multienterprise Information Network Tower [Menu]

Network Name \*  
Manufacturing Information Network

Description  
MINT for External Manufacturing for Sapphire

Applied Solution  
 Base Solution  Custom Solution

Custom Solution Name [Menu]

CANCEL ADD





## Networks

View TraceLink networks that your company has access to and the associated application, Owner, and your company's role for each network.

NETWORKS

APPS

View the networks your company uses to exchange data with Partners (e.g. MINT, SCWM).

Application

All



Owner

All



RESET

APPLY



Status	Network	Description	My Company's Role	Owner	Application
--------	---------	-------------	-------------------	-------	-------------



	Manufacturing Information Network	MINT for External Manufacturing for Sapphire	Owner	Sapphire Labs	Multi-Netw
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Edit Network

Set Workflow Subscriptions

View Links

View Users

View Roles

Rows per page

# Checkpoint

- ✓ Morning Recap
- ✓ Intro to Administration: Managing Your Digital Twin
- ✓ Describe Process Networks
  - Expand Your Networks
  - Populate Your Shared Workspaces



# Expand Your Networks

To create the actual network, you need to add partners and link to them by:

- Adding Partner Master Data
- Running the configuration step of “linking”





# Managing Master Data



# You Need Partners on Your Network

## Company Master Data



Internal locations (company location enabled as an entity on the network)

Link to an internal location:

- To exchange serialized data with the internal manufacturing line.
- To report the same inventory level and adjustments as CMO lines.

## Partner Master Data



Partners and Partner locations



# External Manufacturing Partners

## Enter Partner Master Data

- Partner company (required)
- Partner locations (optional)

## Link to:

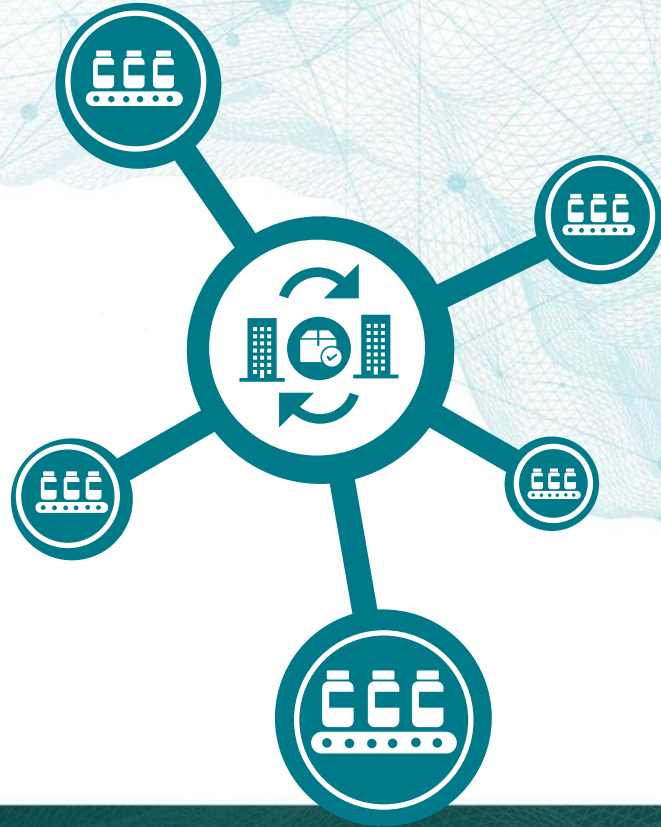
- Partner company or
- Partner location



Why link to the Partner location?

Multiple business reasons:

- Different systems/file formats
- Different legal entities (keep data separate).



# Partner Master Data Needs



## Enter Partner Master Data

- Global identifier
- Such as: GLN, SGLN, DUNS, HIN

## Partners' Digital Twins



? How would I separate internal location processes from CMO processes?

***Add another Process Network!***

# Demo

Working with Partner Master Data



My Company

Partners

Prod

## Partners

Define your company's external Partners and their locations to link them to apps that your company owns.

PARTNERS

LOCATIONS

### Partners



Partner ID Type

Partner ID Value

Name

RESET

APPLY

SHOW ADDITIONAL FILTERS

Status	Partner Type	Company Name	Company ID	Address
<input checked="" type="checkbox"/>	MANUFACTURER	<a href="#">Aprisana Labs</a>	GLN 5144029012018	25 Data Ave Londenderry NH 234233 US
<input checked="" type="checkbox"/>	MANUFACTURER	<a href="#">Topaz MAH</a>	GLN 1098089009898	10 King Street London LDN 8798798 GB
<input checked="" type="checkbox"/>	--	<a href="#">MAH-Germany</a>	GLN 1234567890123	null null null null null
<input checked="" type="checkbox"/>	MANUFACTURER	<a href="#">Opal MAH</a>	GLN 8798798989787	10 Main street Boston MA 879879 US



My Company

Partners

Products

## Add Partner

Add a new master data record for a Partner at your company.

### Company Information

Name \*

Garnet HQ

Partner Type

Packager

Address 1 \*

1 Gemstone Way

Address 2

City \*

Londonderry

District

Village

House Number

Status \*

ACTIVE

Building Number

Plant Number

Floor Number

Address Object GUID

Tax Registration Code

Premises Code

Company Fax

My Company

Partners

Products

Email

Phone

### Identifiers

Type *	GLN	Primary ID	<input checked="" type="checkbox"/> Yes
Value *	5155229012018		<input type="button" value="x"/>
Type *	SGLN	Primary ID	<input type="checkbox"/> No
Value *	515522.012018.0		<input type="button" value="x"/> <input type="button" value="+"/>

### Regulatory Licenses

Agency	State or Region
Country	Number <input type="button" value="+"/>



My Company

Partners

Products

## Partners

Define your company's external Partners and their locations to link them to apps that your company owns.

PARTNERS LOCATIONS

### Partners



Partner ID Type

Partner ID Value

Name

RESET

APPLY

SHOW ADDITIONAL FILTERS

Status	Partner Type	Company Name	Company ID	Address
<input checked="" type="checkbox"/>	MANUFACTURER	<a href="#">Aprisana Labs</a>	GLN 5144029012018	25 Data Ave Londenderry NH 234233 US
<input checked="" type="checkbox"/>	PACKAGER	<a href="#">Garnet HQ</a>	GLN 5155229012018	1 Gemstone Way Londonderry NH 03053 US
<input checked="" type="checkbox"/>	--	<a href="#">MAH-Germany</a>	GLN 1234567890123	null null null null null
<input checked="" type="checkbox"/>	MANUFACTURER	<a href="#">Opal MAH</a>	GLN 8798798989787	10 Main street Boston MA 879879 US

# Linking

#futurelink24

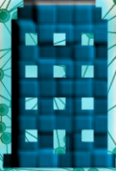


# Prepped and Ready to Go

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NETWORK FOR GREATER GOOD



Your Company



Your Digital Twin



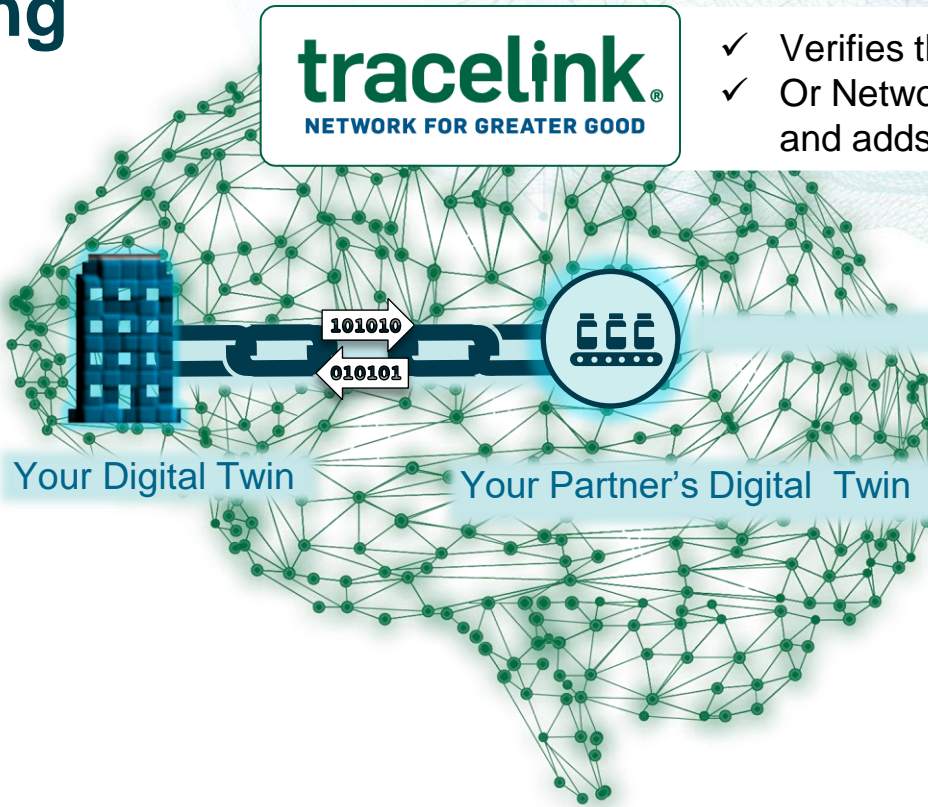
Your Partners' Digital Twins



# Linking

**tracelink**<sup>®</sup>  
NETWORK FOR GREATER GOOD

- ✓ Verifies the address
- ✓ Or Network Ops verifies the identifiers and adds the Partner, if necessary



# Demo

Linking to Partners





Master Data



Administration



Manufacturing Information Net... | Master Data



Networks

Links

Integration

Work Company

## Links

View Links with external Partners and your company's internal locations to a network that your company owns, and manage Links established with your company to another company's networks.

MULTI-NETWORK

SINGLE-NETWORK

FAILED

View Links for apps that allow multiple networks (e.g. MINT, SCWM).

Application - Network (Owner) \*



Linked Entity

All



RESET

APPLY



Network

Owner

Linked Entity

My Company's Role

Linked Entity Type

Last Modified

Make sure a network is selected. If a network is selected, no Links exist for that network.



Networks

Links

Users

B2B Integration

My Network Company

## Add Links

Establish a Link with external Partners or internal locations to an app that your company owns.



Step 1: Network and Applications



Step 2: Roles

### Network

Application \*

Multienterprise Information Network Tower

Network \*

Sapphire Labs - Manufacturing Information Network



### Entity to Link

Entity

Garnet HQ - GLN 5155229012018 (Company Level)



Send Notification To



CANCEL

NEXT



Networks

Links

Users

B2B Integration

My Network Company

## Add Links

Establish a Link with external Partners or internal locations to an app that your company owns.



### Roles

Specify the roles that the linked entities can assign to their users.

- Buyer Member - Standard Access**  
Buyer Member - Standard Access
- Buyer Partner Member - Standard Access**  
Buyer Partner Member - Standard Access
- Member - Expanded Access**  
Member - Expanded Access
- Member - Standard Access**  
Member - Standard Access
- Partner Member - Expanded Access**  
Partner Member - Expanded Access
- Partner Member - Standard Access**  
Partner Member - Standard Access
- Seller Member - Standard Access**  
Seller Member - Standard Access
- Seller Partner Member - Standard Access**  
Seller Partner Member - Standard Access

BACK

CANCEL

LINK





Networks

Links

Users

B2B Integration

My Network Company

## Links

View Links with external Partners and your company's internal locations to a network that your company owns, and manage Links established with your company to another company's networks.


MULTI-NETWORK

SINGLE-NETWORK

FAILED

View Links for apps that allow multiple networks (e.g. MINT, SCWM).

Application - Network (Owner) \*

Multienterprise Information Network To... 

Linked Entity

All 

RESET

APPLY



Network	Owner	Linked Entity	My Company's Role	Linked Entity Type	Last Modified
Manufacturing Information Network	Sapphire Labs	Garnet Labs	Owner	Partner Company	06 Sep 2024 08:43 PM GMT

Rows per page

10

1-1

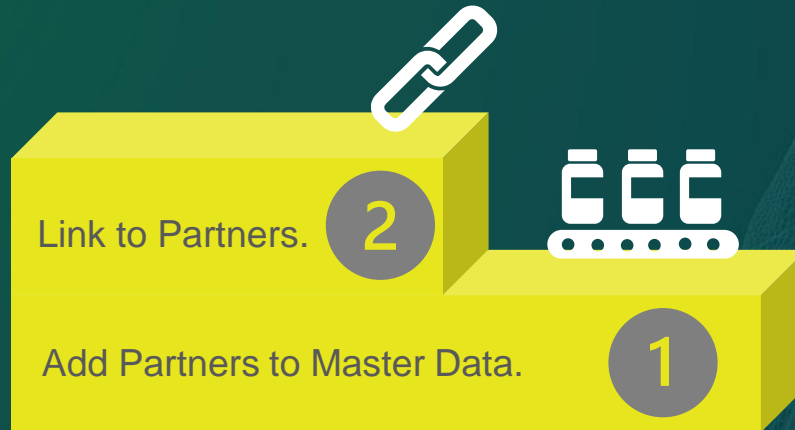




## Quick Question...



What two steps do you need to complete to create and expand your network?



# Checkpoint

- ✓ Morning Recap
- ✓ Intro to Administration: Managing Your Digital Twin
- ✓ Describe Process Networks
- ✓ Expand Your Networks
- Populate Your Shared Workspaces



# Populate Your Shared Workspace

To populate your shared workspace, you add users to TraceLink and to your Process Network. In this case it is your MINT Process Network.



# Roles Define Access

*All applications, regardless of what type of application have related roles.*

Administrator Roles



Member Roles



# Roles in Opus

## Included Roles



Member –  
Standard Access



Member –  
Expanded Access

## Included Partner Roles



Partner Member –  
Standard Access



Partner Member –  
Expanded Access

## Other MINT Roles

*Both Owner and Partner versions based on orchestration.*

**Example:** Commerce



Buyer Roles



Seller Roles

# MINT Help Center!

The screenshot shows the MINT Help Center interface. On the left is a dark green sidebar with the 'tracelink' logo and a navigation menu. The main content area has a dark green header with the title 'Multienterprise Information Network Tower Help Center' and a search bar. The page content includes a breadcrumb 'Configure TraceLink', a main heading 'Configure TraceLink', and a sub-heading 'Configure Multienterprise Process Connect'. A paragraph explains that this configuration is required on Track & Trace Services. Below this is another heading 'Assign Multienterprise Process Connect roles' and a paragraph referring to the 'Administer Help Center'. A yellow-bordered box highlights a 'Roles' section with a list of four roles and their permissions.

**tracelink**  
NETWORK FOR GREATER GOOD

Multienterprise Information Network Tower Help Center

Search

Get started >

Configure TraceLink

Set up APIs >

Search messages

View and manage orders >

Troubleshoot a problem

Configure TraceLink

## Configure TraceLink

### Configure Multienterprise Process Connect

Unlike other Opus apps, Multienterprise Process Connect must be configured on Track & Trace Services because Multienterprise Process Connect supports asynchronous messages, which are not yet available on the Opus Platform. Multienterprise Process Connect does support linking Partners and internal locations through **ServiceLinks**, like US Product Track. See the *Company Administration Online Help* and *Management Online Help* for more information.

### Assign Multienterprise Process Connect roles

See the [Administer Help Center](#) for information about how to assign Multienterprise Process Connect roles to users. This is the only administration task that can be performed for Multienterprise Process Connect on the Opus Platform.

Roles

- Member - Standard Access – Allows users to search for, view, and reprocess failed messages.
- Member - Expanded Access – Allows users to search for, view, and reprocess failed messages. Also allows users to download a message's input, output, and canonical files.
- Partner Member – Expanded Access – Allows users from Partner companies to search for, view, and reprocess failed messages (i.e. purchase orders). Also allows users to download a message's input, output, and canonical files.
- Partner Member – Standard Access – Allows users from Partner companies to search for, view, and reprocess failed messages (i.e. purchase orders).

# Demo

Adding Users







Networks

Links

Users

B2B Integration

My Network Company

## User

View and manage users for your company and specific networks. For networks your company owns, you see users from your company as well as Partner company users. For networks owned by another company, you only see your company's users, not the Owner's users.

NETWORKS

APPS

ALL

SIGN-ON SETTINGS

View the list of all TraceLink Network members from your company.

RESET

APPLY

Assign External User to Administrator Role

Assign External User to Network

Add User

Export Users

Status	First Name	Last Name	Email	Last Login
<input checked="" type="checkbox"/>	Nick	Olivo	nolivo+sapphire@tracelink.com	--
<input checked="" type="checkbox"/>	Sapphire	User	tracelinkcertcmo+sapphireuser@gmail.com	--
<input checked="" type="checkbox"/>	--	--	tl_integration+sapphire@tracelink.com	--
<input checked="" type="checkbox"/>	Katherine	Godin	kgodin+sapphire@tracelink.com	--



Networks

Links

Users

B2B Integration

My Network Company

## Users

View and manage users for your company and specific networks. For networks your company owns, you see users from your networks owned by another company, you only see your company's users, not the Owner's users.

NETWORKS

APPS

ALL

SIGN-ON SETTINGS

View the list of all TraceLink Network members from your company.

Status	First Name	Last Name	Email	Last Log
<input checked="" type="checkbox"/>	Nick	Olivo	nolivo+sapphire@tracelink.com	--
<input checked="" type="checkbox"/>	Sapphire	User	tracelinkcertcmo+sapphireuser@gmail.com	--
<input checked="" type="checkbox"/>	--	--	tl_integration+sapphire@tracelink.com	--
<input checked="" type="checkbox"/>	Katherine	Godin	kgodin+sapphire@tracelink.com	--

## Add User



Add new users to your company.

Email \*

First Name

Last Name

CANCEL

ADD ANOTHER

ADD



## Users

View and manage users for your company and specific networks. For networks your company owns, you see users from your company as well as Partner company users. For networks owned by another company, you only see your company's users, not the Owner's users.

NETWORKS   APPS   **ALL**   SIGN-ON SETTINGS

View the list of all TraceLink Network members from your company.

RESET

APPLY

Status	First Name	Last Name	Email	Last Login	Password Expiration
--------	------------	-----------	-------	------------	---------------------



Nick

Olivo

nolivo+sapphire@tracelink.com

--

11 Apr

View Profile



Trudy

Bosch

lmattson+tbosch@tracelink.com

--

11 Apr

Assign to Network

Assign to Administrator Role

Reset Password

Deactivate



Sapphire

User

tracelinkcertcmo+sapphire.user@gmail.com

--

11 Apr



--

--

tl\_integration+sapphire@tracelink.com

--

11 Apr 2262 11:47 PM GMT





Master Data



Administration



Manufacturing Information Net...



Master Data



Networks

Links

Users

B2B Integration

My Network Company

## Users

View and manage users for your company and specific networks. For networks your company owns, you see users from your company. For networks owned by another company, you only see your company's users, not the Owner's users.

NETWORKS

APPS

ALL

SIGN-ON SETTINGS

View the list of all TraceLink Network members from your company.



Status	First Name	Last Name	Email	Last Log
<input checked="" type="checkbox"/>	Nick	Olivo	nolivo+sapphire@tracelink.com	--
<input checked="" type="checkbox"/>	Trudy	Bosch	lmattson+tbosch@tracelink.com	--
<input checked="" type="checkbox"/>	Sapphire	User	tracelinkcertcmo+sapphireuser@gmail.com	--
<input checked="" type="checkbox"/>	--	--	tl_integration+sapphire@tracelink.com	--

## Assign User to Network

Assign users from the Owner company access to a network and all of its Links.

Email

- Buyer Member - Standard Access
- Buyer Partner Member - Standard Access
- Member - Expanded Access
- Member - Standard Access
- Partner Member - Expanded Access
- Partner Member - Standard Access

Member - Expanded Access

CANCEL

ASSIGN ANOTHER

ASSIGN



Networks

Links

**Users**

B2B Integration

My Network Company

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NETWORKS

APPS

**ALL**

SIGN-ON SETTINGS

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RESET

APPLY

Status

First Name

Last Name

Email

Last Login

Password Expiration



Nick

Olivo

nolivo+sapphire@tracelink.com

--

11 Apr 2262 11:47 PM GMT



Trudy

Bosch

lmattson+tbosch@tracelink.com

--

11 Apr 2262 11:47 PM GMT



Sapphire

User

tracelinkcertcmo+sapphireuser@gmail.com

--

11 Apr 2262 11:47 PM GMT



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--

tl\_integration+sapphire@tracelink.com

--

11 Apr 2262 11:47 PM GMT



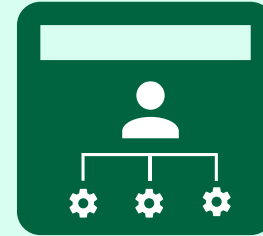
# Administrator Roles in Opus

## System Administrator



- Full admin access
- Similar to Company Administrator in TTS

## Application Administrator



- Admin access for a specific application
- Similar to Application Manager in TTS

*Partners have the same admin roles within the context of their digital twin.*

# Demo

Assigning Admin roles





Networks

Links

**Users**

B2B Integration

My Network Company

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NETWORKS APPS **ALL** SIGN-ON SETTINGS

View the list of all TraceLink Network members from your company.

RESET

APPLY

Status	First Name	Last Name	Email	Last Login	Password Expiration	
--------	------------	-----------	-------	------------	---------------------	--



Nick

Olivo

nolivo+sapphire@tracelink.com

--

11 A

View Profile



Trudy

Bosch

lmattson+tbosch@tracelink.com

--

11 A

Assign to Network

Assign to Administrator Role

Reset Password



Sapphire

User

tracelinkcertcmo+sapphire.user@gmail.com

--

11 A

Deactivate



--

--

tl\_integration+sapphire@tracelink.com

--

11 Apr 2262 11:47 PM GMT







Networks

Links

Users

B2B Integration

My Network Company

## Users

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NETWORKS

APPS

ALL

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Status	First Name	Last Name	Email	Last Log
<input checked="" type="checkbox"/>	Nick	Olivo	nolivo+sapphire@tracelink.com	--
<input checked="" type="checkbox"/>	Trudy	Bosch	lmattson+tbosch@tracelink.com	--
<input checked="" type="checkbox"/>	Sapphire	User	tracelinkcertomo+sapphireuser@gmail.com	--
<input checked="" type="checkbox"/>	--	--	tl_integration+sapphire@tracelink.com	--

## Assign User to Administrator Role



Assign existing company users to an administrator role to control the actions that a user can perform for apps, networks and Links that their company has access to.

Email

lmattson+tbosch@tracelink.com

Role \*

System Administrator



Network



Team



CANCEL

ASSIGN



Networks

Links

Users

B2B Integration

My Network Company

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NETWORKS

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APPLY

Status	First Name	Last Name	Email	Last Login	Password Expiration
--------	------------	-----------	-------	------------	---------------------



Nick

Olivo

nolivo+sapphire@tracelink.com

--

11 Apr 2022

View Profile



Trudy

Bosch

lmattson+tbosch@tracelink.com

--

11 Apr 2022

Assign to Network

Assign to Administrator Role

Reset Password

Deactivate



Sapphire

User

tracelinkcertcmo+sapphire.user@gmail.com

--

11 Apr 2022



--

--

tl\_integration+sapphire@tracelink.com

--

11 Apr 2022 11:47 PM GMT





Master Data



Administration



Manufacturing Information Net...



Master Data



Users / View User Profile

Networks

Links

Users

B2B Integration

My Network Company

## View User Profile

### Account Information

**Name**

Trudy Bosch

**Email**

lmattson+tbosch@tracelink.com

**Status**

Active

### Login Information

**Account State**

Unlocked

**Password Last Changed**

-

**Last Login****Password Valid Until**

Password set to never expire

**Failed Login Attempts**

1

**USER ROLES**

## ADMINISTERED NETWORKS

Network	Team	Roles	
Administration	Sapphire Labs	System Administrator	⊗
Multienterprise Information Network Tower	Sapphire Labs	Member - Expanded Access	⊗
Manufacturing Information Network	Sapphire Labs	Member - Expanded Access	⊗

Rows per page: 10 | 1-3 | < >

# Hmmm.....



## Things to consider when adding permissions:

- How many people need administrative access?
- Who should have standard access, who should have expanded?
- Which specialty roles are appropriate for which users?

# Back to Our Example...



With these teams, what access would you want to give them?

- Procurement
- Planning teams,
- Shipping / Receiving teams
  - Reminder from our example... We're exchanging POs, Invoices, ASNs, Inventory Balance, and Inventory Adjustment.

Maybe?...

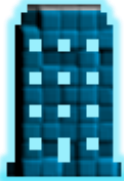
- Procurement – Full access to POs, Invoices, Remittance?
- Planning – Full Admin access? All inventory-related transactions.
- Shipping/Receiving – POs, PO Acks, ASNs?

# Checkpoint

- ✓ Morning Recap
- ✓ Intro to Administration: Managing Your Digital Twin
- ✓ Describe Process Networks
- ✓ Expand Your Networks
- ✓ Populate Your Shared Workspaces



# Key Take Aways



**Administration is the management of your digital twin.**



Process Networks create shared digital workspaces to orchestrate different kinds of business processes through a single platform.



You add partners and link to them to create the network and enable the shared workspace for your partners.



Populate your team's shared workspace by adding users to the network.

# Network Administration

## Part 2: Configuring B2B Exchanges



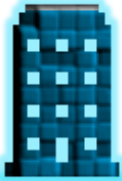


# Agenda

- Prebreak Recap
- B2B: Managing Your Digital Twin's Transactions
- Configuring B2B to Route Transactions
- Using Transforms
- Managing Special Network Situations
- Spotlight: Network Success Team



# Once Again...



**Administration is the management of your digital twin.**



Process Networks create shared digital workspaces to orchestrate different kinds of business processes through a single platform.



You add partners and link to them to create the network and enable the shared workspace for your partners.



Populate your team's shared workspace by adding users to the network.



Configure the B2B transaction exchange to send and receive data across the Links.

# B2B: Managing Your Digital Twin's Transactions



# Linking

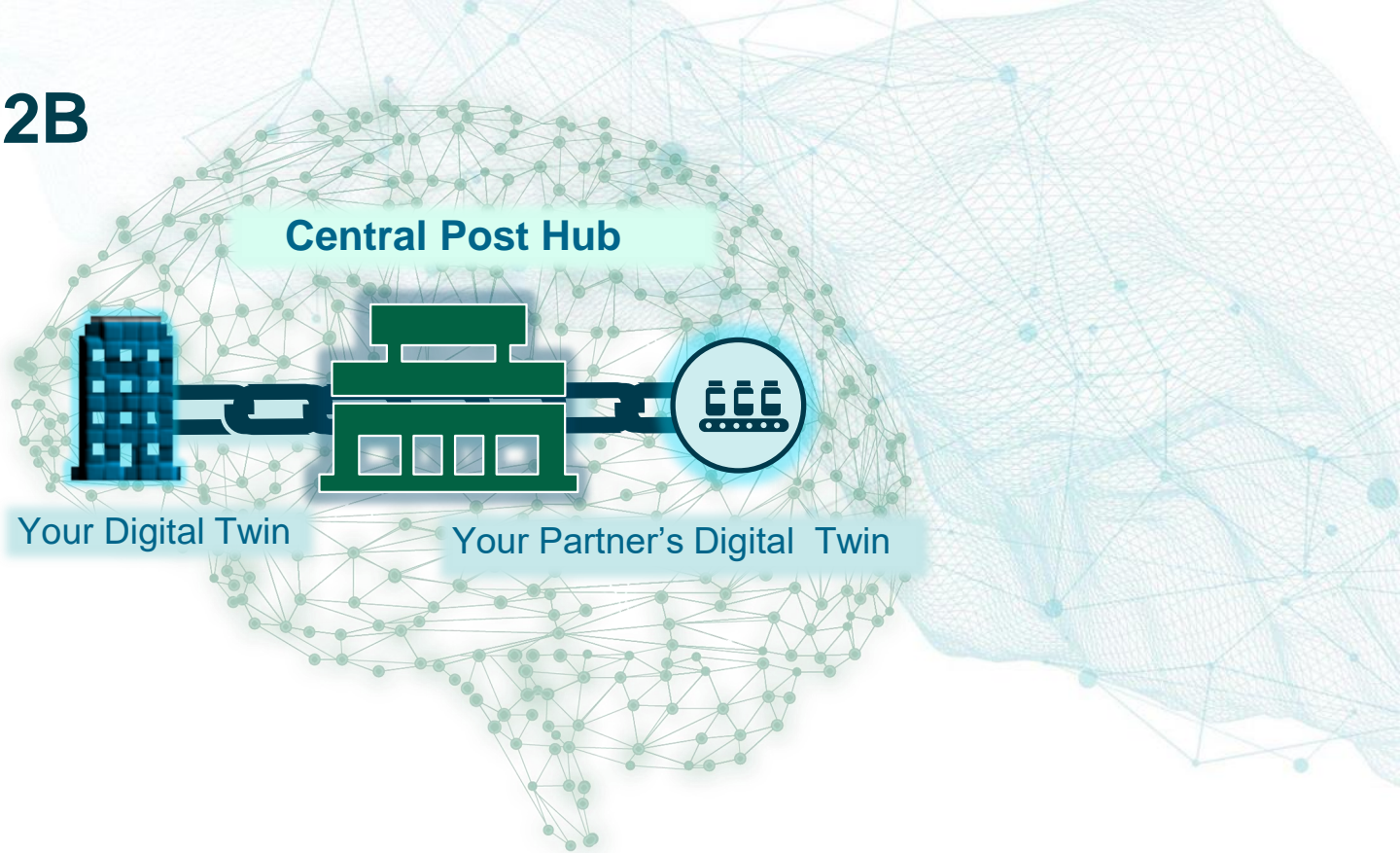
You know your Partner's digital address!



# Managing B2B

Digital post office...special instructions.

Only for your integration (don't need to worry about your partners!)



# Configuring B2B Exchanges

- ✓ Prebreak Recap
- ✓ B2B: Managing Your Digital Twin's Transactions
  - Configuring B2B to Route Transactions
  - Using Transforms
  - Managing Special Network Situations
  - Spotlight: Network Success Team



# Configuring B2B to Route Transactions

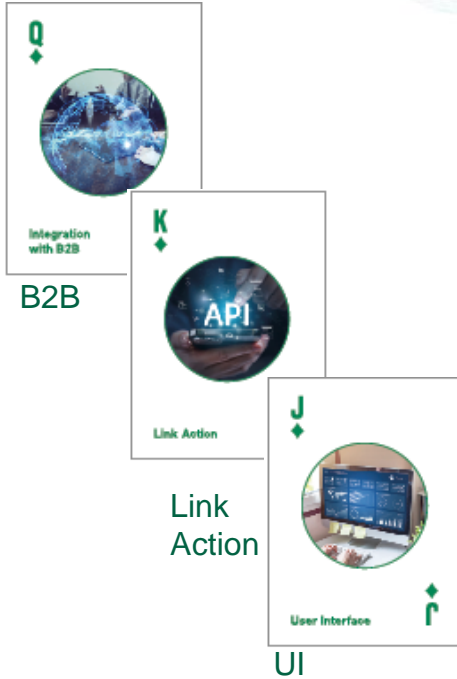
B2B defines how each transaction should be formatted, labeled, and routed to reach the destination.





# Intro to Transactions: GO MINT!

## Integrate to the Network



## Exchange Data with Partners



Forecast Schedule and Response, PO, PO Acknowledgement



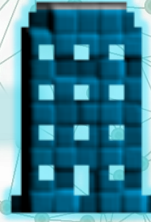
Invoice, Remittance, ASN, Inventory Balance, Inventory Balance Adjustment



# Integrate Once



Integrate



## Integration Options:

- **B2B Integration (e.g. AS2, SFTP)**

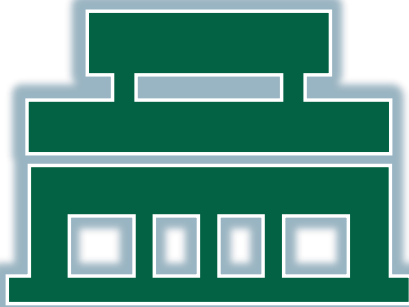
Once per Choreography:

- Edifact
- X12
- Other (e.g. IDoc)

- **Link Actions**
- **UI**

# Different Choreographies: Different Delivery Vehicles

## Central Post Hub



X12

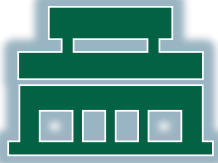


Edifact



Other (e.g. iDoc)





# B2B: Postal Processing and Delivery Analogy

*Provide special instructions.*

## Outbound Settings



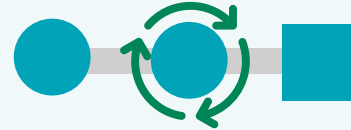
Tell the postal delivery vehicle how to offload packages.

## Connection Associations



Tell all the vehicles which door they're allowed to go to and from.

## Transform Sets



Tell the post office how to package the message.

## Integration Principal

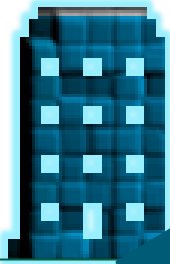


Give the driver access securely, so they can complete tasks in the post office.

# Outbound Settings



*Tell the postal delivery vehicle how to offload packages.*





# Quick Look: Outbound Settings

## Configure Outbound B2B Messages






Set up your B2B connection so outbound messages can be delivered to the receiver.

Link ▾

Application (Owner) *	Receiver Company or Location *
Multienterprise Information Network Tower (Medivo... 	Medivonic 

Message Delivery Rules ▾

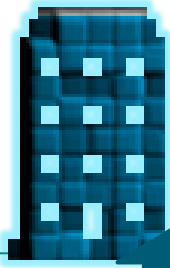
Owner to Owner is enabled by default. It is recommended you keep it enabled so that information is processed more efficiently.

<b>Owner to Owner</b> <input checked="" type="checkbox"/> Yes	
Message Type *	Delivery Option *
MPC_PURCHASE_ORDER 	 
	NO_PROCESSING TRANSFORM_AND_DELIVER TRANSFORM_ONLY
	 

# Connection Associations



*Tell all the vehicles which door they're allowed to come from by associating B2B connections to an entity (door).*



# Quick Look: Connection Association

## Add Outbound Association

Associate this B2B connection with your company, specific internal locations, or specific apps and messages for outbound messages.

B2B Connection ▾

B2B Connection \*  
MEDIVONIC-SFTP

Locations ▾

Associate with Company  
 Yes

Location

## Message Types

Application

Message Type

Multienterprise Information Network Tower

MPC\_INVENTORY\_BALANCE

Rows per page 10 ▾ 1-1 < >

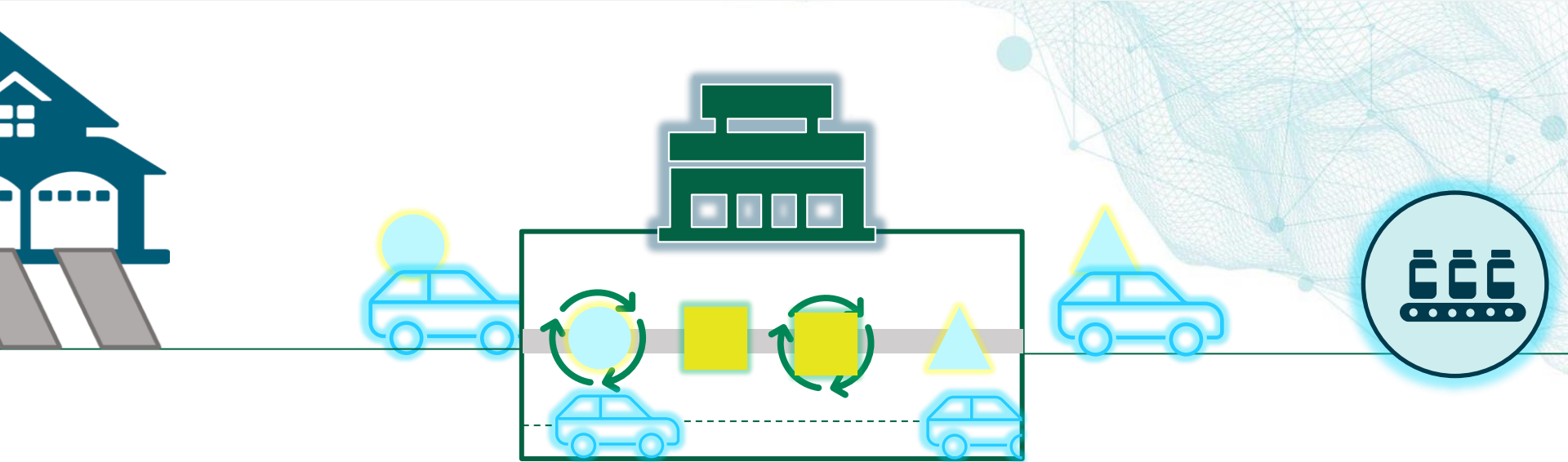
CANCEL

ADD

# Transform Sets



*Tell the post office how to package the message with common Transform sets.*

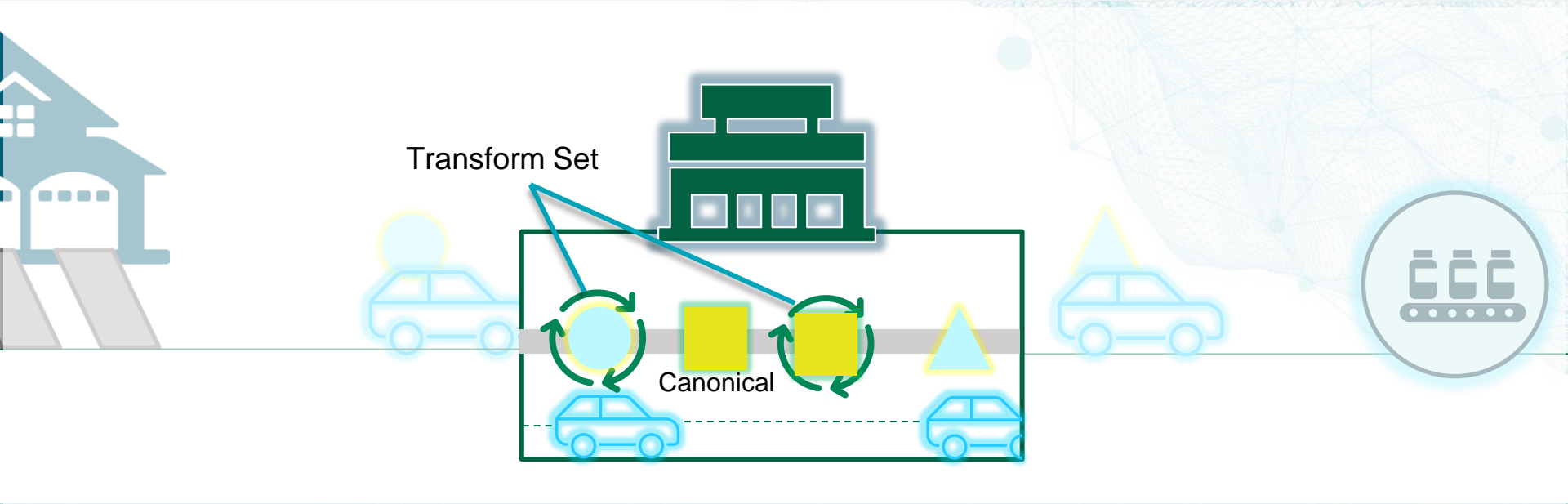




# Transform Sets



*Tell the post office how to package the message with common Transform sets.*



# Quick Look: Transforms

B2B Integration / View Transform Set

## MEDIVONIC-VAL-TS-OTHER

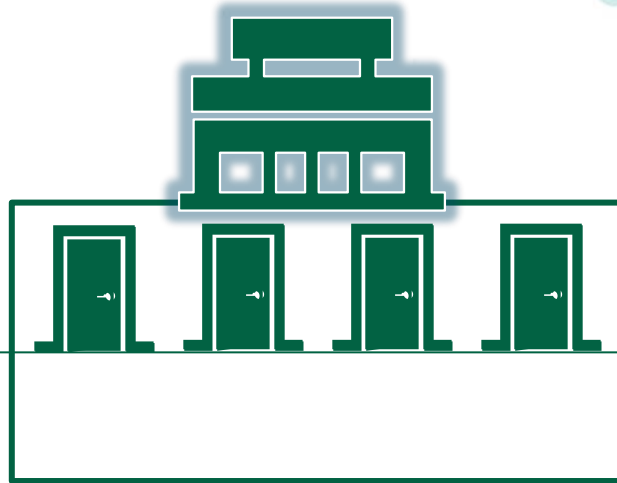
### Transforms

Application	Message Type	Direction	Catalog	Transform Name	Transform Version
Multienterprise Information Network Tower	MPC_FORECAST_PLAN_RESPONSE	INBOUND	PUBLIC	B2B_IDoc_DELFOR_DELFOR02_ForecastPlanResponse_IB_V1	1
Multienterprise Information Network Tower	MPC_PURCHASE_ORDER	INBOUND	PUBLIC	B2B_IDoc_ORDERS05_PurchaseOrder_IB_V2	1
Multienterprise Information Network Tower	MPC_PURCHASE_ORDER	OUTBOUND	PUBLIC	B2B_IDoc_ORDERS05_PurchaseOrder_OB_V1	1
Multienterprise Information Network Tower	MPC_PURCHASE_ORDER_ACK	INBOUND	PUBLIC	B2B_IDoc_ORDERS05_PurchaseOrderAcknowledgment_IB_V1	1
Multienterprise Information Network Tower	MPC_PURCHASE_ORDER_ACK	OUTBOUND	PUBLIC	B2B_IDoc_ORDERS05_PurchaseOrderAcknowledgment_OB_V2	1
Multienterprise Information Network Tower	MPC_INVENTORY_BALANCE	INBOUND	PUBLIC	B2B_IDoc_INVRPT_INVTRPT01_InventoryBalance_IB_V1	1
Multienterprise Information Network Tower	MPC_ADVANCE_SHIP_NOTICE	INBOUND	PUBLIC	B2B_IDoc_DELVRY07_ASN_IB_V1	1
Multienterprise Information Network Tower	MPC_ADVANCE_SHIP_NOTICE	OUTBOUND	PUBLIC	B2B_IDoc_DELVRY07_ASN_OB_V1	1
Multienterprise Information Network Tower	MPC_BATCH_MASTER	INBOUND	PUBLIC	B2B_IDoc_BATMAS_BATMAS03_BatchMaster_IB_V1	1
Multienterprise Information Network Tower	MPC_BATCH_MASTER	OUTBOUND	PUBLIC	B2B_IDoc_BATMAS_BATMAS03_BatchMaster_OB_V1	1

# Integration Principal



*Give the driver access securely, so they can complete tasks in the post office.*



# Quick Look: Integration Principal

## Add Integration Principal

Set up an integration principal user to provide specific access controls for integration.

### General ▾

Name \*

## Integration Access

Application (Owner)

Network

Team

No Integration Access is currently added.

## Add Integration Access ✕

Application (Owner) \*

Multienterprise Information ...



Network

MINT for Commerce



Team



Role \*

Member - Expanded Access



CANCEL

APPLY



# Configuration Concentration!

## Outbound Settings

---



Tell the postal delivery vehicle how to offload packages.

## Connection Associations

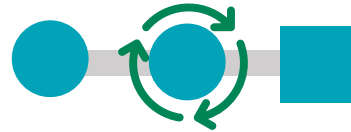
---



Tell all the vehicles which door they're allowed to go to and from.

## Transform Sets

---



Tell the post office how to package the message.

## Integration Principal

---



Give the driver access securely, so they can complete tasks in the post office.

# Configuring B2B Exchanges

- ✓ Prebreak Recap
- ✓ B2B: Managing Your Digital Twin's Transactions
- ✓ Configuring B2B to Route Transactions
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  - Managing Special Network Situations
  - Spotlight: Network Success Team



# Using Transforms

**Transforms** transfer data from one format to another, enhancing communication between business parties by allowing each participant to use their preferred format.



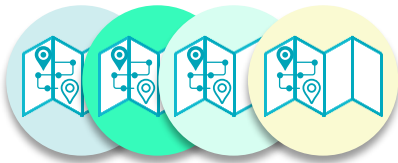
# Transforms

Basically, a map that converts data.

Our analogy...



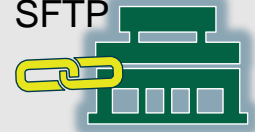
## Transform Set



iDoc



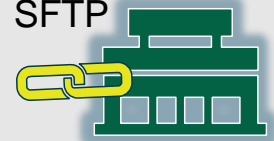
SFTP



X12



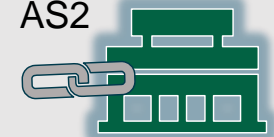
SFTP



Edifact



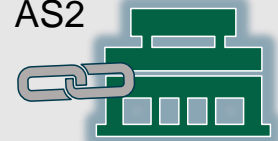
AS2



iDoc



AS2

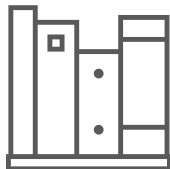




# Transform Set Sample

	Application	Message Type	Direction	Catalog	Transform Name	Transform Version
01	multienterprise-process-connect	MPC_FORECAST_PLAN_RESPONSE	INBOUND	PUBLIC	B2B_IDoc_DELFOR_DELFOR02_ForecastPlanResponse_IB_V1	1
02	multienterprise-process-connect	MPC_PURCHASE_ORDER	INBOUND	PUBLIC	B2B_IDoc_ORDERS05_PurchaseOrder_IB_V2	1
03	multienterprise-process-connect	MPC_PURCHASE_ORDER	OUTBOUND	PUBLIC	B2B_IDoc_ORDERS05_PurchaseOrder_OB_V1	1
04	multienterprise-process-connect	MPC_PURCHASE_ORDER_ACK	INBOUND	PUBLIC	B2B_IDoc_ORDERS05_PurchaseOrderAcknowledgment_IB_V1	1
05	multienterprise-process-connect	MPC_PURCHASE_ORDER_ACK	OUTBOUND	PUBLIC	B2B_IDoc_ORDERS05_PurchaseOrderAcknowledgment_OB_V2	1
06	multienterprise-process-connect	MPC_INVENTORY_BALANCE	INBOUND	PUBLIC	B2B_IDoc_INVRPT_INVRPT01_InventoryBalance_IB_V1	1
07	multienterprise-process-connect	MPC_ADVANCE_SHIP_NOTICE	INBOUND	PUBLIC	B2B_IDoc_DELVRY07_ASN_IB_V1	1
08	multienterprise-process-connect	MPC_ADVANCE_SHIP_NOTICE	OUTBOUND	PUBLIC	B2B_IDoc_DELVRY07_ASN_OB_V1	1
09	multienterprise-process-connect	MPC_BATCH_MASTER	INBOUND	PUBLIC	B2B_IDoc_BATMAS_BATMAS03_BatchMaster_IB_V1	1
10	multienterprise-process-connect	MPC_BATCH_MASTER	OUTBOUND	PUBLIC	B2B_IDoc_BATMAS_BATMAS03_BatchMaster_OB_V1	1
11	multienterprise-process-connect	MPC_INVOICE	INBOUND	PUBLIC	B2B_IDoc_INVOIC02_Invoice_IB_V1	1
12	multienterprise-process-connect	MPC_INVOICE	OUTBOUND	PUBLIC	B2B_IDoc_INVOIC02_Invoice_OB_V1	1

## Transform Set Catalogs



Marketplace Catalog – globally shared catalog

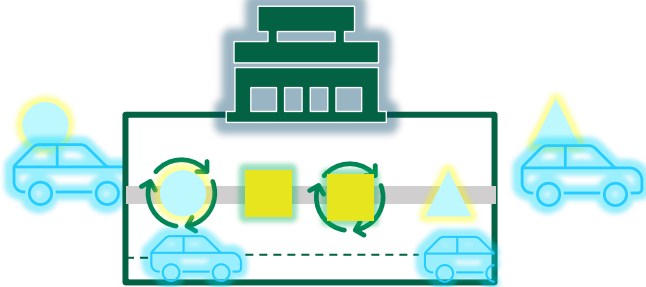
Company Catalog – configured by your company



# Configuration Concentration! *Transform Edition*

Our analogy...

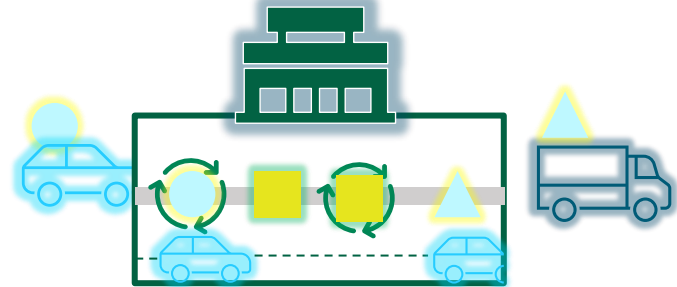
File Format: Edifact  
Transaction Type: Invoice



File Format: Edifact  
Transaction Type: Invoice  
with additional fields

...but should it be this?

File Format: Edifact  
Transaction Type: Invoice



File Format: X12  
Transaction Type: Invoice

# Configuring B2B Exchanges

- ✓ Prebreak Recap
- ✓ B2B: Managing Your Digital Twin's Transactions
- ✓ Configuring B2B to Route Transactions
- ✓ Using Transforms
- Managing Special Network Situations
- Spotlight: Network Success Team



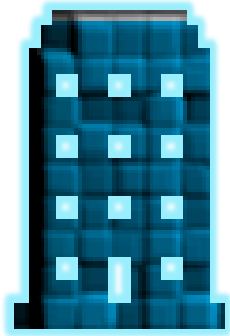
# Managing Special Network Situations

Adding a new system or location due to mergers and acquisitions, for example, creates special, more complex situations.



# Scenario Mergers and Acquisitions

*Your B2B protocol:*



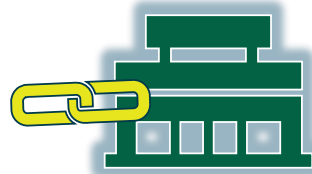
Digital Twin

Your Company



Choreography

IDoc



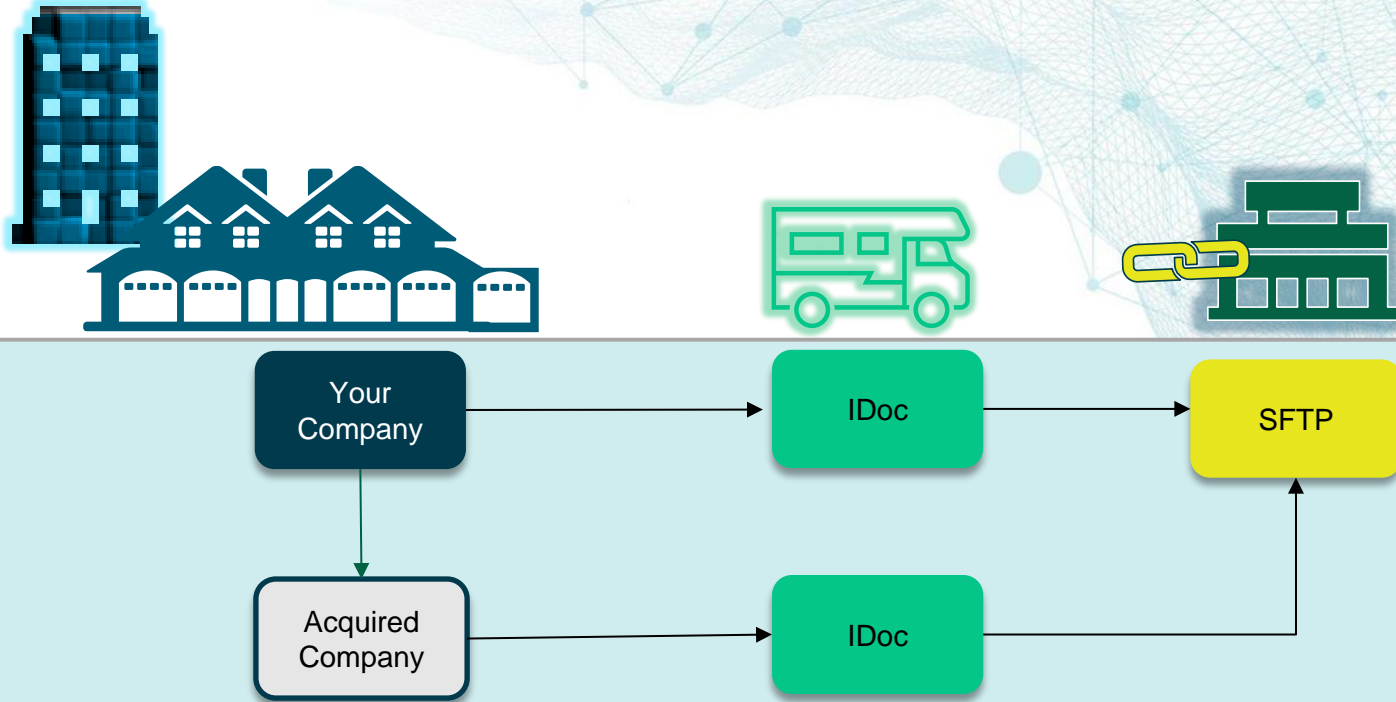
B2B Connection

SFTP

- New acquisition using:**
- Same B2B protocol
  - Different B2B protocol

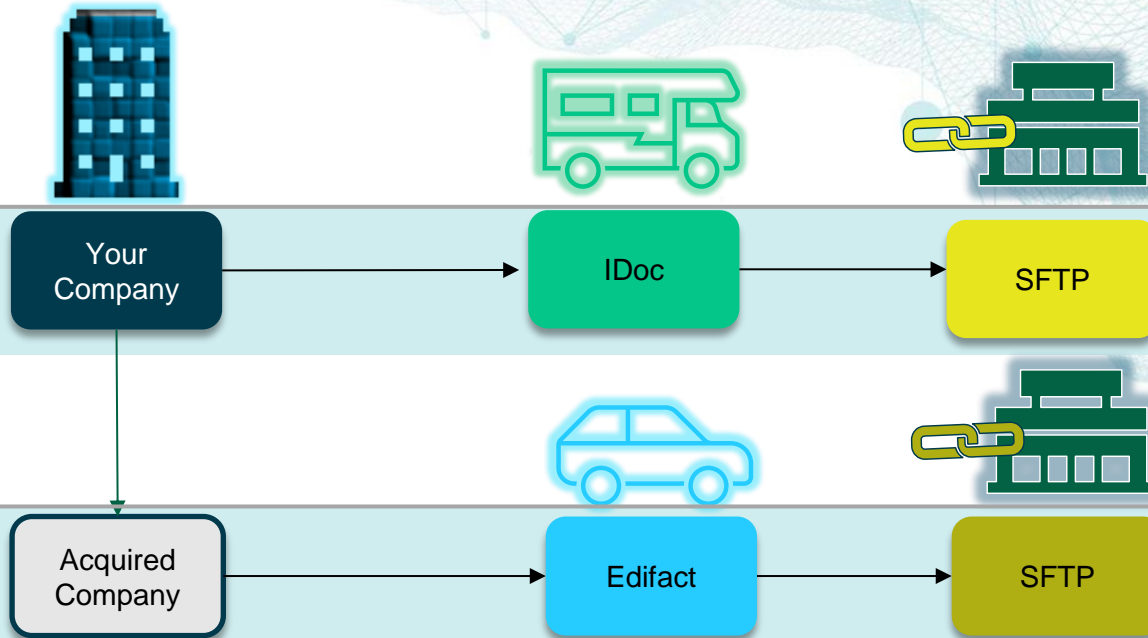
# Example: Acquisition using Same B2B

*Add a door to your building. (Add a location to your company in Company Master Data).*



# Example: Acquisition using Different B2B

*Add a new type of delivery vehicle. Tell them to use the new door.*



# Configuring B2B Exchanges

- ✓ Prebreak Recap
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- ✓ Managing Special Network Situations
- Spotlight: Network Success Team





# Spotlight: Network Success and Services Team

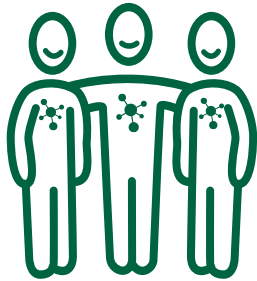
Helping you help your **partners** to manage their **digital twins**.



# Network Success and Services Team (NSS)

*Helping to manage your partners' digital twins.*

**tracelink**<sup>®</sup>  
NETWORK FOR GREATER GOOD



**Have always supported your partners.**



**Now you can contact the NSS team.**

- Create a Case
- Request Trade Partner On...
- My Cases
- Quick FAQ Videos
- Knowledge Base

# TraceLink Customer Success Portal

The world's largest track and trace network for connecting the Life Sciences supply chain and eliminating counterfeit drugs from the global marketplace.

## SUPPORT

### TRACELINK ANNOUNCEMENTS

For Urgent Issues - How to Contact TraceLink Support

View All

 Cases  
**My Organization's Cases** v 

50+ Items • Sorted by Case Number • Filtered by All cases • Updated a few seconds ago

Q Search this list...

CONTACT SUPPORT

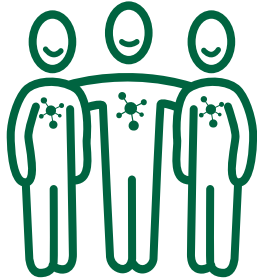
REQUEST TRADE PARTNER ONBOARDING

AVM / VTK ACCESS

TRACELINK UNIVERSITY

# Network Success and Services Team (NSS)

*Helping to manage your partners' digital twins.*



## **Partner already on the Network:**

- Case assigned to Network Success Manager (NSM) for that partner.

## **Partner not on the Network:**

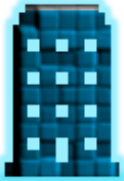
- Network Ops verifies and adds the Partner.
- Partner is assigned an NSM.

# Configuring B2B Exchanges

- ✓ Prebreak Recap
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- ✓ Configuring B2B to Route Transactions
- ✓ Using Transforms
- ✓ Managing Special Network Situations
- ✓ Spotlight: Network Success Team



# Key Takeaways (B2B)



**Administration is the management of your digital twin.**



B2B configuration provides the system with special instructions to ensure proper data delivery.



Transforms are a crucial element to successfully exchange data with any Partner on the Network.



The Network Success and Services team will support you with Partner onboarding after your implementation period.

