# Multienterprise Process Link, version 2025.1.0

**Release Preview | Revision 01**

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NETWORK FOR GREATER GOOD

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# Release Preview

# Preview the API changes

Explore upcoming changes in the Multienterprise Process Link, version 2025.1.0 release. To learn more about the Multienterprise Information Network Tower, solution version 13.0.0 that provides the user interface for this app, see Preview the user interface changes.

## Release information

This document describes the TraceLink capabilities included in the Multienterprise Process Link, version 2025.1.0 app release, which is available on Validation on 13 Feb 2025 and Production on 27 Feb 2025.

The following apps are impacted by this release and will be updated to the version listed:

- Multienterprise Process Link, version 2025.1.0

  Solutions supported by this app version:

  - Multienterprise Information Network Tower, solution version 13.0.0

The features below are in order of functional relevance (i.e. the typical order in which a user executes a function or task).

⚠ Use this preview for planning and impact analysis. All information in this preview is subject to change before the final release date. The final documentation is available in conjunction with the Validation release date. The final documentation might include resolved and known issues, if applicable.

# Revisions

| Date | Revision | Description |
|---|---|---|
| 30 Jan 2025 | 01 | Initial version. |

# API features

## Multienterprise Process Link, version 2025.1.0

### Send and Receive Carrier Shipment Statuses in X12 Format

Companies that own or link to Multienterprise Process Link can exchange carrier shipment statuses with their Partners via TraceLink in X12 format. Carrier shipment statuses ensure real-time visibility into the progress of a shipment as it moves through the supply chain, enabling stakeholders to monitor delivery schedules, address potential delays, and maintain high service levels. Exchanging carrier shipment statuses asynchronously via Multienterprise Process Link improves visibility into the progress of a shipment and enables the shipper to manage inventory proactively, coordinate resources, and adjust operations based on accurate shipment statuses and timelines.

Additionally, Multienterprise Process Link enables companies and their Partners to search for, view, and troubleshoot carrier shipment statuses messages; leverage a record of their carrier shipment statuses details for business records or compliance purposes; and retrieve the input, output, and canonical files for a given carrier shipment statuses using the Search Business Transactions screen in the Multienterprise Information Network Tower Web UI.

The following new messages are available for sending or receiving carrier shipment statuses in this release:

- X12 (inbound and outbound):
    - B2B_EDI_X12_214_CarrierShipmentStatus_IB_V1
    - B2B_EDI_X12_214_CarrierShipmentStatus_OB_V1

Impact analysis

- Interface options:
    - API
- Business segment impacts:
    - All business segments for both Owners and Partners

## Send and Receive Routing and Carrier Instructions in X12 Format

Companies that own or link to Multienterprise Process Link can exchange routing and carrier instructions with their Partners via TraceLink in X12 format. Routing and carrier instructions are essential in transportation and shipping, providing a clear way for shippers, manufacturers, and others to share specific shipping instructions with logistics partners, carriers, and freight forwarders. Routing and carrier instructions help ensure goods are shipped according to the manufacture's preferences, requirements, and compliance rules. Manufacturers can exchange routing and carrier instructions asynchronously via Multienterprise Process Link with their upstream suppliers to communicate on which carriers to use for shipping to their facilities.

Additionally, Multienterprise Process Link enables companies and their Partners to search for, view, and troubleshoot routing and carrier instruction messages; leverage a record of their routing and carrier instructions details for business records or compliance purposes; and retrieve the input, output, and canonical files for a given routing and carrier instructions using the Search Business Transactions screen in the Multienterprise Information Network Tower Web UI.

The following new messages are available for sending or receiving routing and carrier instructions in this release:

- X12 (inbound and outbound):
    - B2B_EDI_X12_853_RoutingCarrierInstruction_IB_V1
    - B2B_EDI_X12_853_RoutingCarrierInstruction_OB_V1

Impact analysis

- Interface options:
    - API
- Business segment impacts:
    - All business segments for both Owners and Partners

## Send and Receive Receiving Advice Acceptances in X12 Format

Companies that own or link to Multienterprise Process Link can exchange receiving advice acceptances with their Partners via TraceLink in X12 format. Receiving advice acceptances streamline goods transportation between entities to verify and manage delivery details efficiently. Exchanging receiving advice acceptances asynchronously via Multienterprise Process Link allows the buyer to confirm the receipt of goods or materials from the supplier, and acknowledge that the items have been delivered, inspected, and accepted in accordance with the order details.

Additionally, Multienterprise Process Link enables companies and their Partners to search for, view, and troubleshoot receiving advice acceptance messages; leverage a record of their receiving advice acceptance details for business records or compliance purposes; and retrieve the input, output, and canonical files for a given receiving advice acceptances using the Search Business Transactions screen in the Multienterprise Information Network Tower Web UI.

The following new messages are available for sending or receiving receiving advice acceptances in this release:

- X12 (inbound and outbound):
    - B2B_EDI_X12_861_ReceivingAdvice_IB_V1
    - B2B_EDI_X12_861_ReceivingAdvice_OB_V1

Impact analysis

- Interface options:
    - API
- Business segment impacts:
    - All business segments for both Owners and Partners

## Send and Receive Transactions via Email Messages in IDoc Format

The email messages feature has be improved to enable companies that own MINT and XTT and their Partners to exchange both inbound and outbound B2B messages via email by creating a SMTP connection in XTT. This update enables Owners and Partners receiving an outbound email to reply with an attachment.

This enhancement is particularly beneficial for Partners who do not own Multienterprise Information Network Tower (MINT), enabling them to exchange key business documents such as purchase orders (POs) and purchase order acknowledgments (PO Acks) MINT transactions, through standard email.

For example, companies who own MINT and XTT can send an email via the SMTP XTT connection, that triggers a MINT transaction (e.g., a purchase order) as an attachment to a Partner. After receiving the purchase order, the partner can reply to the email with the purchase order acknowledgment, which is then seamlessly recorded in the Owner’s MINT system. Throughout the process, documents are seamlessly converted into formats for both the Owner's and Partner's systems, ensuring smooth, efficient exchanges and supporting compatibility across platforms.

For detailed information about creating a SMTP connection in XTT for email, see Add an SMTP B2B connection.

Impact analysis

- Interface options:
    - API

- Business segment impacts:
    - All business segments for both Owners and Partners

# System features

## Multienterprise Process Link, version 2025.1.0

The following new or updated system functionality will be included in this release.These features are changes to the app to support another feature and do not have any impacts on their own.

### Support for File Download Functionality in the Web UI

This feature includes updates to TraceLink's internal APIs that are leveraged by the UI to deliver the Base Transaction Object and Serialization Traceability Object feature in the Multienterprise Information Network Tower, solution version 13.0.0 solution release.

Impact analysis

The impacts for this feature are the same as the Base Transaction Object and Serialization Traceability Object feature in the Multienterprise Information Network Tower, solution version 13.0.0 solution release."

### Stabilization and Usability Enhancements

This feature includes updates to TraceLink's internal APIs to improve the stability and usability of the Multienterprise Process Link application.

- The enumerations EUDR - Due Diligence Reference Number (EUDR - DDR) and EUDR - Due Diligence Verification Number (EUDR - DDV) in `referenceTransactionsTypeDefinition` and `b2bTransactionIdentifierReferenceTypeDefinition` are updated for EUDR requirements.

- The ORD-GQL request query handler is updated to support `includeFields`.
- The Inventory Updates maps are updated to include features required for customer implementations.
    - IDoc (inbound and outbound):
        - B2B_IDoc_MBGMCR_MBGMCR03_InventoryUpdate_IB_V2
        - B2B_IDoc_MBGMCR_MBGMCR03_InventoryUpdate_OB_V3

This feature also includes other minor updates to improve the Multienterprise Information Network Tower solution's stability and its ability to communicate with other TraceLink apps and solutions.

**Impact analysis**

- Interface options:
    - API
- Business segment impacts:
    - All business segments for both Owners and Partners