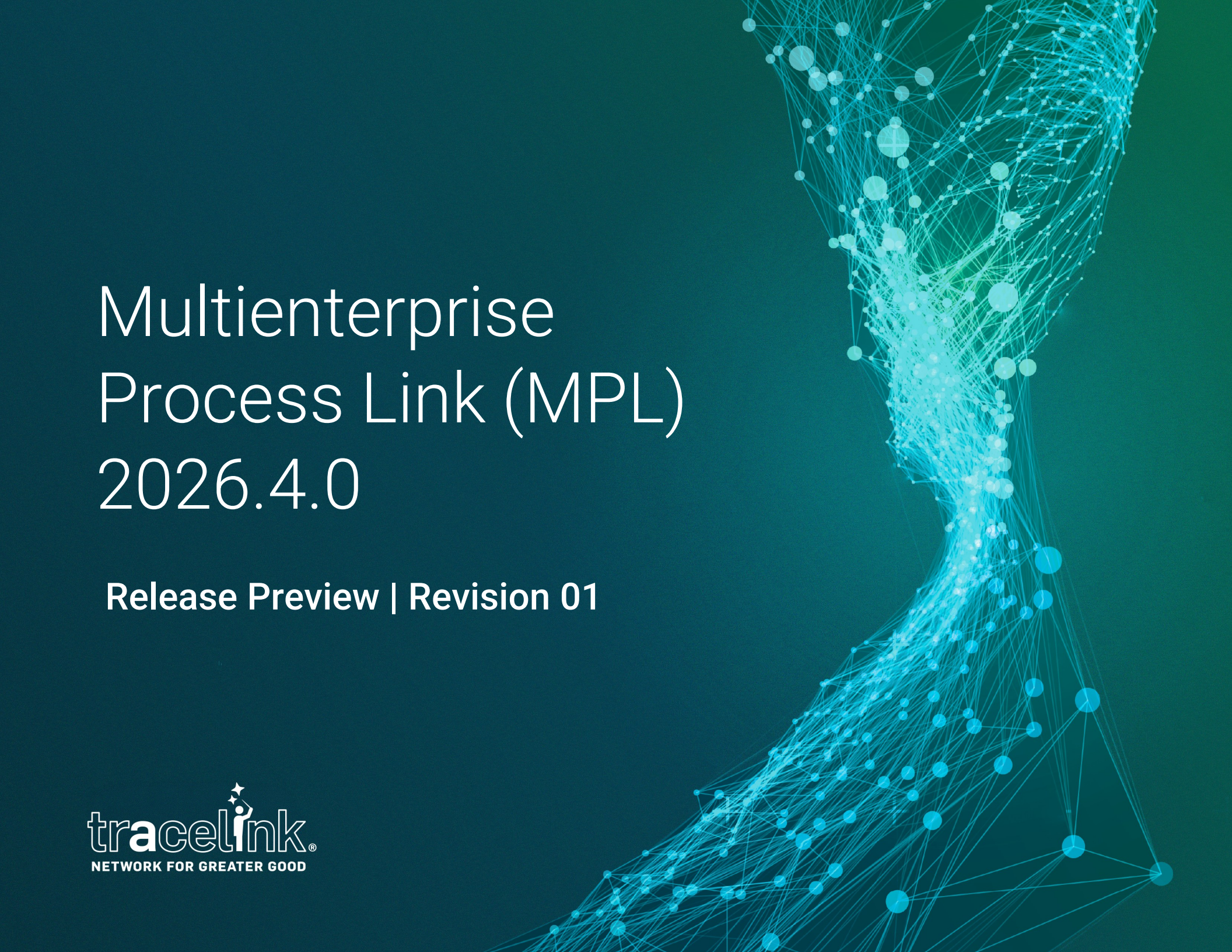
Multienterprise Process Link (MPL) 2026.4.0

Release Preview | Revision 01



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Release Preview

Preview the API and system changes

Explore upcoming changes in the Multienterprise Process Link (MPL) 2026.4.0 release. To learn more about the Multienterprise Information Network Tower (MINT) Solution Package 20.0.0 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 (MPL) 2026.4.0 app release, which is available on Validation on 19 Nov 2026 and Production on 03 Dec 2026.

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

- Multienterprise Process Link (MPL) 2026.4.0

  Solutions supported by this app version:

  - Multienterprise Information Network Tower (MINT) Solution Package 20.0.0

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
05 Nov 2026	01	Initial version.

API features

Multienterprise Process Link (MPL) 2026.4.0

The following new or updated API functionality will be included in this release.

Send and Receive Bill of Materials in IDoc Format

Companies that own or link to Multienterprise Process Link can exchange Bill of Materials with their Partners via TraceLink in IDoc format. Bill of Material allows manufacturing partners to electronically communicate the product structure required to manufacture or package a product. This information can include parent products or assemblies, components and subassemblies, quantities, units of measure, revisions, and effectivity information.

Exchanging Bill of Materials asynchronously via Multienterprise Process Link enables manufacturing partners to maintain consistent and accurate product structures across connected systems, reducing manual data entry, improving traceability, and supporting accurate manufacturing planning and execution.

Sending and receiving Bill of Materials asynchronously through Multienterprise Process Link enables companies and their Partners to:

- Search for, view, and troubleshoot Bill of Materials messages.
- Leverage a record of Bill Of Materials details for business or compliance purposes.

- Retrieve the input, output, and canonical files for a specific Bill of Materials using the Search Business Transactions screen in the Multienterprise Information Network Tower Web UI.

The following new messages are available for sending or receiving Bill of Materials in this release:

- IDoc (inbound and outbound):
  - B2B_IDoc_BOMMAT_BOMMAT03_BillOfMaterials_IB_V1
  - B2B_IDoc_BOMMAT_BOMMAT03_BillOfMaterials_OB_V1

Impact analysis

- Interface options:

  API

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

Send and Receive Customs Export Shipment Information in X12 Format

Companies that own or link to Multienterprise Process Link can exchange Customs Export Shipment Information with their Partners via TraceLink in X12 format. Customs Export Shipment Information allows exporters, freight forwarders, and carriers to electronically communicate export and cargo information to customs authorities or government agencies before goods leave the exporting country. This information can include exporter and consignee details, transportation mode, commodity information, quantities and values, export license information, and origin and destination details.

Exchanging Customs Export Shipment Information messages asynchronously via Multienterprise Process Link reduces manual reporting and data entry, improves data accuracy, and supports timely regulatory review and customs processing.

Sending and Customs Export Shipment Information asynchronously through Multienterprise Process Link enables companies and their Partners to:

- Search for, view, and troubleshoot Customs Export Shipment Information messages.
- Access a record of the Customs Export Shipment Information message for business or compliance purposes.
- Retrieve the input, output, and canonical files for a specific Customs Export Shipment Information message using the Search Business Transactions screen in the Multienterprise Information Network Tower Web UI.

The following new messages are available for sending or receiving Customs Export Shipment Information in this release:

- X12 (inbound and outbound):
  - B2B_EDI_X12_601_CustomsExportShipmentInformation_IB_V1
  - B2B_EDI_X12_601_CustomsExportShipmentInformation_OB_V1

Impact analysis

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

Send and Receive Motor Carrier Pickup Manifests in X12 Format

Companies that own or link to Multienterprise Process Link can exchange Motor Carrier Pickup Manifests with their Partners via TraceLink in X12 format. Motor Carrier Pickup Manifest allows shippers, manufacturers, wholesalers, and third-party logistics providers (3PLs) to electronically provide motor carriers with a consolidated record of shipments scheduled for pickup from a location. This information can include shipment and Bill of Lading references, pickup and destination details, quantities, weights, service levels, hazardous material indicators, and pickup or delivery dates.

Exchanging Motor Carrier Pickup Manifest asynchronously via Multienterprise Process Link reduces manual processing and data entry, improves shipment accuracy and traceability, and provides shippers and carriers with a consistent record of the freight included in a pickup.

Sending and receiving Motor Carrier Pickup Manifest asynchronously through Multienterprise Process Link enables companies and their Partners to:

- Search for, view, and troubleshoot Motor Carrier Pickup Manifest messages.
- Leverage a record of Motor Carrier Pickup Manifest details for business or compliance purposes.
- Retrieve the input, output, and canonical files for a specific Motor Carrier Pickup Manifest using the Search Business Transactions screen in the Multienterprise Information Network Tower Web UI.

The following new messages are available for sending or receiving Motor Carrier Pickup Manifests in this release:

- X12 (inbound and outbound):
    - B2B_EDI_X12_215_MotorCarrierPickupManifest_IB_V1
    - B2B_EDI_X12_215_MotorCarrierPickupManifest_OB_V1

Impact analysis

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

Send and Receive Trading Partner Profiles in X12 Format

Companies that own or link to Multienterprise Process Link can exchange Trading Partner Profiles with their Partners via TraceLink in X12 format. Trading Partner Profile allows organizations to electronically communicate the business and technical information required to establish and maintain an EDI trading relationship. This transaction includes partner identifiers, business and technical contacts, supported X12 transaction sets and versions, communication and routing details, security information, and EDI capabilities.

Exchanging Trading Partner Profile asynchronously via Multienterprise Process Linkreduces manual profile maintenance, improves the accuracy and consistency of partner information, and helps maintain the configuration information required for reliable EDI communication.

Sending and receiving Trading Partner Profile asynchronously through Multienterprise Process Link enables companies and their Partners to:

- Search for, view, and troubleshoot Trading Partner Profile messages.
- Leverage a record of Trading Partner Profile details for business or compliance purposes.
- Retrieve the input, output, and canonical files for a specific Trading Partner Profile using the Search Business Transactions screen in the Multienterprise Information Network Tower Web UI.

The following new messages are available for sending or receiving Trading Partner Profiles in this release:

- X12 (inbound and outbound):
    - B2B_EDI_X12_838_TradingPartnerProfile_IB_V1
    - B2B_EDI_X12_838_TradingPartnerProfile_OB_V1

Impact analysis

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

System features

Multienterprise Process Link (MPL) 2026.4.0

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.

Multiple Outbound Transactions in MINT

The Multiple Outbound Transactions feature uses configurable OPUS Object Actions to initiate a separate subsequent transaction using the canonical data from a completed source transaction. In the described business flow, the original transaction completes its outbound processing before the subsequent transaction is initiated.

For this scenario, the MINT owner is the sender of the subsequent transaction to another partner, such as a 3PL, or to a MINT Owner Location. When configured for automatic submission, the subsequent transaction proceeds through its own processing and delivery flow. It references the original transaction for traceability.

Benefits

- Supports downstream sharing of business information through configured transaction flows.
- Reduces repeated data entry by reusing the source transaction’s canonical data.
- Allows subsequent transactions to process independently, with their own delivery outcomes.
- Supports source tracing and issue investigation through parent-child transaction references.
- Retains separate outbound-file visibility: each network node can see only its own outbound files.

For example, a pharmaceutical company receives a transaction from its CMO through MINT. After that transaction completes its outbound processing, a configured OPUS Object Action initiates a subsequent transaction from the pharmaceutical company to its 3PL

using the source canonical. With automatic submission configured, the subsequent transaction follows its configured outbound processing and delivery flow and remains linked to the original CMO transaction.

Canonical reuse supplies the business information for the subsequent transaction. It does not require the final outbound files or control headers to be identical.

Impact analysis

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

Stabilization and usability enhancements

The following enhancements improve transaction processing, data mapping, and usability in Multienterprise Information Network Tower (MINT):

- Warehouse Ship Advice – Prevents line-item truncation and correctly maps shipment dates, performance dates, expiration values, and quantities in inbound DELVRY07 IDoc delivery messages.
- Transaction processing – Resolves processing delays and hangs related to gross weights, net weights, and route descriptions.
- Inventory Balance – Corrects quantity status handling, inbound X12 start and end dates, and storage location mapping. Improves schema validation for expiration dates and reporting location types.
- Inventory Update – Maps W1501 transaction dates to Inventory Update Date. Improves the display of lot numbers, expiration dates, and manufacturing dates.
- Forecast Plan – Adds destinationLocationQuantity to canonicalForecastPlan_v9 to support location-based delivery schedule quantities.

- Routing Carrier Instruction – Aligns shipment service requirement definitions at the header and BTO levels in canonicalRoutingCarrierInstruction_v3.

Clinical Supply Chain expands MINT canonical definitions to support GS1 clinical workflows across the following transactions:

- Purchase Order (PO)
- Purchase Order Acknowledgment
- Warehouse Ship Advice (WSA)
- Warehouse Ship Order (WSO)
- Advance Ship Notice (ASN)
- Invoice
- Inventory Balance
- Inventory Update
- Forecast Plan

These definitions support protocol and study IDs, IRT/RTSM identifiers, kit and lot sequence numbers, and temperature-controlled handling indicators.

The following enhancements improve transaction display and processing:

- Transaction-specific layouts – Adds transaction-code-driven UI layouts to display fields based on the applicable EDI transaction type.
- Transaction status updates – Reduces transaction status transition delays by resolving asynchronous process state latency.

data model and lookup tables to support additional B2B invoice attributes and mappings across API, X12, and EDIFACT interfaces.

The Invoice canonical enhances the canonicalInvoice data model and lookup tables to support additional B2B invoice attributes and mappings across API, X12, and EDIFACT interfaces. Updates include support for invoice status, transaction direction, payment date, payment due date, and original invoice references. These enhancements are available for new or updated B2B invoice integration maps.

Impact analysis

- Interface options:
    - Web UI
- Business segment impacts:
    - All business segments for both Owners and Partners.