



TIBCO BusinessConnect™ EDI Protocol powered by Instream®

Release Notes

*Software Release 6.10.0
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Preface

TIBCO BusinessConnect™ EDI Protocol powered by Instream® is the TIBCO business-to-business (B2B) solution for transferring EDI documents between trading partners.

Topics

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- [Typographical Conventions, page viii](#)
- [TIBCO Product Documentation and Support Services, page x](#)

Related Documentation

This section lists documentation resources you may find useful.

TIBCO BusinessConnect EDI Protocol powered by Instream Documentation

The following documents form the TIBCO BusinessConnect EDI Protocol powered by Instream documentation set:

- *TIBCO BusinessConnect EDI Protocol powered by Instream Installation* Read this manual to learn about installing and deploying TIBCO BusinessConnect EDI Protocol powered by Instream.
- *TIBCO BusinessConnect EDI Protocol powered by Instream User's Guide* Read this manual for instructions on using the product to configure all the EDI protocols.
- *TIBCO BusinessConnect EDI Protocol powered by Instream EDIFACT Configuration* Read this manual for instructions on configuring the EDIFACT protocol.
- *TIBCO BusinessConnect EDI Protocol powered by Instream Gateway Configuration* Read this manual for instructions on configuring the Gateway protocol.
- *TIBCO BusinessConnect EDI Protocol powered by Instream Service Configuration* Read this manual for instructions on configuring the Service protocol.
- *TIBCO BusinessConnect EDI Protocol powered by Instream TEXT Configuration* Read this manual for instructions on configuring the TEXT protocol.
- *TIBCO BusinessConnect EDI Protocol powered by Instream TRADACOMS Configuration* Read this manual for instructions on configuring the TRADACOMS protocol.
- *TIBCO BusinessConnect EDI Protocol powered by Instream X12 Configuration* Read this manual for instructions on configuring the X12 protocol.
- *TIBCO BusinessConnect EDI Protocol powered by Instream Release Notes* Read the release notes for a list of new and changed features. This document also contains lists of known issues and closed issues for this release.

Other TIBCO Product Documentation

You may find it useful to read the documentation for the following TIBCO products:

- TIBCO ActiveMatrix BusinessWorks™
- TIBCO ActiveMatrix BusinessWorks™ Plug-in for BusinessConnect™
- TIBCO Administrator™
- TIBCO BusinessConnect™
- TIBCO BusinessConnect™ Palette
- TIBCO Business Studio™
- TIBCO Designer™

Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

Convention	Use
<i>ENV_HOME</i> <i>TIBCO_HOME</i>	<p>TIBCO products are installed into an installation environment. A product installed into an installation environment does not access components in other installation environments. Incompatible products and multiple instances of the same product must be installed into different installation environments.</p> <p>An installation environment consists of the following properties:</p> <ul style="list-style-type: none"> • Name Identifies the installation environment. This name is referenced in documentation as <i>ENV_NAME</i>. On Microsoft Windows, the name is appended to the name of Windows services created by the installer and is a component of the path to the product shortcut in the Windows Start > All Programs menu. • Path The folder into which the product is installed. This folder is referenced in documentation as <i>TIBCO_HOME</i>. <p><i>TIBCO BusinessConnect EDI Protocol powered by Instream</i> installs into a directory within a <i>TIBCO_HOME</i>. This directory is referenced in documentation as <i>TIBEDI_HOME</i>. The default value of <i>TIBEDI_HOME</i> depends on the operating system. For example, on Windows systems, the default value is <code>C:\tibeo\bc\version\protocols\tibedi</code>.</p>
code font	<p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use <code>MyCommand</code> to start the foo process.</p>
bold code font	<p>Bold code font is used in the following ways:</p> <ul style="list-style-type: none"> • In procedures, to indicate what a user types. For example: Type admin. • In large code samples, to indicate the parts of the sample that are of particular interest. • In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, <code>MyCommand</code> is enabled: <code>MyCommand [enable disable]</code>

Table 1 General Typographical Conventions (Cont'd)

Convention	Use
<i>italic font</i>	<p>Italic font is used in the following ways:</p> <ul style="list-style-type: none"> • To indicate a document title. For example: See <i>TIBCO BusinessConnect EDI Protocol powered by Instream Installation</i>. • To introduce new terms. For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal. • To indicate a variable in a command or code syntax that you must replace. For example: <code>MyCommand <i>PathName</i></code>.
Key combinations	<p>Key names separated by a plus sign indicate keys pressed simultaneously. For example: Ctrl+C.</p> <p>Key names separated by a comma and space indicate keys pressed one after the other. For example: Esc, Ctrl+Q.</p>
	The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances.
	The tip icon indicates an idea that could be useful, for example, a way to apply the information provided in the current section to achieve a specific result.
	The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken.

TIBCO Product Documentation and Support Services

For information about this product, you can read the documentation, contact TIBCO Support, or join TIBCO Community.

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website mainly in the HTML and PDF formats.

The TIBCO Product Documentation website is updated frequently and is more current than any other documentation included with the product. To access the latest documentation, visit <https://docs.tibco.com>.

Documentation for TIBCO BusinessConnect EDI Protocol powered by Instream is available on the <https://docs.tibco.com/products/tibco-businessconnect-edi-protocol-powered-by-instream> Product Documentation page.

How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit <http://www.tibco.com/services/support>
- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the TIBCO Support portal at <https://support.tibco.com>.
- For creating a Support case, you must have a valid maintenance or support contract with TIBCO. You also need a user name and password to log in to <https://support.tibco.com>. If you do not have a user name, you can request one by clicking Register on the website.

How to Join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from TIBCO products. In addition, users can submit and vote on feature requests from within the [TIBCO Ideas Portal](#). For a free registration, go to <https://community.tibco.com>.

Release Notes

The release notes list the major updates in version 6.10.0 of the product. For information about an earlier version, see the release notes provided with the corresponding version. In addition, it also includes the migration procedures.

Topics

- [New Features, page 2](#)
- [Changes in Functionality, page 3](#)
- [Changes in Functionality, page 3](#)
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- [Migration and Compatibility, page 5](#)
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New Features

The following features have been added in this release of TIBCO BusinessConnect EDI Protocol powered by Instream.

Supports Operation Level Transport Override setting in Business agreement for Interchanges with Multiple Groups

TIBCO BusinessConnect EDI Protocol powered by Instream now supports operation level **Transport Override Setting** under **BusinessAgreements** tab for interchanges with multiple groups of the same transaction type in X12 batching.

Support for Custom HTTP Headers

TIBCO BusinessConnect EDI Protocol powered by Instream now supports adding custom HTTP headers.

Changes in Functionality

No functionality changes have been made in this release of TIBCO BusinessConnect EDI Protocol powered by Instream.

Deprecated and Removed Features

No features have been deprecated or removed as of this release of TIBCO BusinessConnect EDI Protocol powered by Instream.

Migration and Compatibility

The following information provides migration procedures for this release of TIBCO BusinessConnect EDI Protocol powered by Instream.

Migrating from release 6.7.0, 6.8.0, and 6.9.0



When importing an EDI .csx file that contains all X12 operations from version 6.9.0 into version 6.10.0, you must set the `java.heap.size.max=1024M` parameter in the `tibcoadmin_domainName.tra` file to avoid `NullPointerException` errors. The file is located in the `TIBCO_HOME\administrator\domain\domainName\bin` directory.

To migrate from TIBCO BusinessConnect EDI Protocol powered by Instream version 6.7.0 or 6.8.0 or 6.9.0 to 6.10.0, complete the following steps:

1. While TIBCO BusinessConnect EDI Protocol powered by Instream version 6.7.0, 6.8.0, or 6.9.0 is still installed, stop all TIBCO BusinessConnect engines. Then, export the installation configuration file in TIBCO Administrator GUI.
 - a. In the left panel, click **BusinessConnect**.
 - b. In the right panel, click **Manage**.
 - c. In the **Management** area, click **Export** next to **Import and Export**.
 - d. Click **Export** and wait for the export process to complete.
Setting the password is optional.
 - e. After the export process is completed, click **Download** that is displayed, and save the exported .csx file to a desired location.
2. Undeploy TIBCO BusinessConnect and delete the existing TIBCO BusinessConnect application.
3. Deactivate TIBCO BusinessConnect EDI Protocol powered by Instream version 6.7.0, 6.8.0, or 6.9.0 from TIBCO Administrator GUI:
 - a. In the left panel, click **BusinessConnect**.
 - b. In the right panel, click **Manage**.
 - c. Click the **Protocol Plug-in Activation** tab, select the **tibEDI** check box, and then click **Deactivate**.
4. Uninstall TIBCO BusinessConnect EDI Protocol powered by Instream from all machines under this TIBCO Administrator domain. Then, uninstall other required software by TIBCO BusinessConnect EDI Protocol powered by Instream from all

machines under this TIBCO Administrator domain, such as TIBCO Foresight Instream Standard Edition and TIBCO Foresight® Translator Standard Edition.

5. Ensure that the appropriate version of TIBCO BusinessConnect is installed. Install the required version if needed.

To upgrade to TIBCO BusinessConnect 7.2.0, see the migration section in *TIBCO BusinessConnect Release Notes* Software Release 7.2.0.

6. Restart TIBCO Hawk and TIBCO Administrator, and verify that the appropriate version of TIBCO BusinessConnect is installed under **Resource Management > Installed Software**.



Ensure that TIBCO BusinessConnect EDI Protocol powered by Instream versions 6.7.0, 6.8.0, or 6.9.0 are not displayed either under **Resource Management > Installed Software** or under **Application Management > All Service Instances > machine -TIBCO Administrator > Plug-Ins** in TIBCO Administrator.

7. Install required software by TIBCO BusinessConnect EDI Protocol powered by Instream, such as TIBCO Foresight Instream Standard Edition, and TIBCO Foresight Translator Standard Edition. Then, install TIBCO BusinessConnect EDI Protocol powered by Instream 6.10.0.
8. After installing TIBCO BusinessConnect EDI Protocol powered by Instream 6.10.0:
 - a. Log in to TIBCO Administrator.
 - b. In the left panel, click **BusinessConnect**.
 - c. In the right panel, click **Manage**.
 - d. Configure the JDBC settings to connect to your previous configuration store.
 - e. If your existing TIBCO BusinessConnect version is 7.2.0, click **Create** to create installation.

Then, you are logged off automatically.



If you just update TIBCO BusinessConnect EDI Protocol powered by Instream version to 6.10.0 without updating your existing TIBCO BusinessConnect version, click **Save**. You do not need to click **Create** or **Initialize**.

9. Log in to TIBCO Administrator again to verify that the installation is upgraded to the appropriate TIBCO BusinessConnect version.
10. Activate TIBCO BusinessConnect EDI Protocol powered by Instream 6.10.0.
11. Import the .csx file: similar to [step 1](#), simply change **Export** to **Import**, and navigate to the directory that contains the exported .csx file and import it.

12. Ensure that the configuration in TIBCO BusinessConnect EDI Protocol powered by Instream version 6.7.0, 6.8.0, or 6.9.0 is preserved.
13. Create and deploy TIBCO BusinessConnect application.

Closed Issues

The following issues have been fixed in this release of TIBCO BusinessConnect EDI Protocol powered by Instream.

Key	Summary
EDIP-2998	When a file was converted from XML data format to EDI data format, the "Exception caught in EDI preprocessor; Most probable cause is invalid EDI data" conversion error was displayed..
EDIP-2997	X12 protocol could not support operation level Transport Override Setting under BusinessAgreements tab for interchanges with multiple groups of the same transaction type.
EDIP-2788	When you tried to send data of the two partners with the same Receiver IDs (Host IDs), written in upper case as well as lower case in TRADACOMS protocol, configuration of both the hosts failed which resulted in an error.

Known Issues

The following issues exist in this release of TIBCO BusinessConnect EDI Protocol powered by Instream.

Key	Summary/Workaround
EDIP-2760	<p>Summary: CAQH batch interaction case will not work with Oracle and MS SQL databases when Scheduled transmission is enabled.</p> <p>Workaround: None.</p>
EDIP-2477	<p>Summary: When you send EDI data as file reference from private process using MIME transport, TIBCO BusinessConnect EDI Protocol powered by Instream displays an error.</p> <p>Workaround: Write the file name without space and special characters.</p>
EDIP-2239	<p>Summary: The userKey and userKeyName properties are not included in the validation error advisory when sending an invalid XML file in the TRADACOMS protocol.</p> <p>Workaround: None.</p>
EDIP-1905	<p>Summary: TIBCO Foresight® Translator Standard Edition does not properly convert documents from EDIFACT to TEXT in the TIBCO BusinessConnect server.</p> <p>Workaround: Open the map file, and confirm that the value of the sourcedoctype value parameter is EDIFACT rather than the default value FLAT, and the value of the targetdoctype value parameter is FLAT.</p>
EDIP-1896	<p>Summary: When conducting FLAT to EDIFACT translations with UTF-16 or UTF-8 encoding, the EDIFACT data is converted and validated successfully, but the displayed information in private processes and audit logs does not look correct.</p> <p>Workaround: None.</p>
EDIP-1880	<p>Summary: Validation cannot be finished on some TEXT documents with UTF-8 encoding.</p> <p>Workaround: None.</p>
EDIP-1687	<p>Summary: TIBCO BusinessConnect EDI Protocol powered by Instream performs post installation post-process editing of the fsdir.ini file on UNIX or the \$dir.ini file on Windows, which alters the PARTNERAUTOMATIONFLAT value. This value does not take effect if spaces are considered in the path.</p> <p>Workaround: Open the \$dir.ini file on Windows or the fsdir.ini file on UNIX, which is located in the INSTREAM_HOME/version/bin directory, and add double quotation marks to the PARTNERAUTOMATIONFLAT value that was set.</p>

Key	Summary/Workaround
EDIP-1475	<p>Summary: When transaction modifiers are specified and used during FLAT to EDI translation from a private process, the modifiers for both the FLAT to EDI and the final EDI validation modifiers are not honored.</p> <p>Workaround: Do not use transaction modifiers for the FLAT to EDI translation.</p>
EDIP-1458	<p>Summary: Outbox and Inbox EDI/XML for the Gateway Server are not supported for TIBCO PartnerExpress™, TIBCO BusinessConnect™ Plug-in for FTP Server, and TIBCO BusinessConnect™ Plug-in for SSH Server.</p> <p>Workaround: None.</p>
EDIP-1415	<p>Summary: When a wrong URL is used to post an NAESB packaged message, the replied HTTP synchronous response depends on the responder NAESB implementation, and on how the synchronous response is processed.</p> <p>Workaround: None.</p>
EDIP-1402	<p>Summary: If an expired public key is configured to verify the signature of an inbound NAESB package, a verification error occurs. However, the error message reported back to the NAESB sender is Encrypted file not signed or signature not matched, which is inaccurate.</p> <p>Workaround: None.</p>
EDIP-1380	<p>Summary: If the common code identifier used in an incoming NAESB package is not configured on the responder system, the audit log reports no error, and no error advisory is published to the private process. The error message reported back to the NAESB sender is also unclear.</p> <p>Workaround: None.</p>
EDIP-1356	<p>Summary: Override outbound transport: on the business agreement level, it is impossible to send an EDI.dat file to a trading partner with binding operation EDI/Outbound/Interchange (Or EDI/Outbound) by using override outbound primary transport.</p> <p>Workaround: None.</p>
EDIP-1212	<p>Summary: When an operation is bound for the TRADACOMS protocol under BusinessConnect > Business Agreements in TIBCO Administrator, this operation can still be deleted under BusinessConnect > Operations Editor.</p> <p>Workaround: None.</p>

Key	Summary/Workaround
EDIP-1085	<p>Summary: After activating and importing a configuration from an earlier version containing TIBCO BusinessConnect EDI Protocol powered by Instream data, duplicate entries in the private smart routing table is inserted if you proceed as follows: first deactivate TIBCO BusinessConnect EDI Protocol powered by Instream, then reactivate TIBCO BusinessConnect EDI Protocol powered by Instream, and finally re-import the configuration .csx file.</p> <p>Workaround: Delete these duplicate entries manually from TIBCO Administrator by expanding BusinessConnect > System Settings > Private Process Smart Routing.</p>
EDIP-1084	<p>Summary: When sending a TEXT .dat file from a private process to TIBCO BusinessConnect EDI Protocol powered by Instream, the audit log shows the operationID as EDI/Outbound/Interchange instead of the operationID specified from the private process.</p> <p>Workaround: Delete these duplicate entries manually from TIBCO Administrator by expanding BusinessConnect > System Settings > Private Process Smart Routing.</p>
EDIP-1069	<p>Summary: When the inbound EDI to XML or EDI to TEXT conversion is disabled in TIBCO Administrator GUI under the BusinessConnect > Participants > Trading Partner > Protocols > Protocol > General tab, and the option under BusinessConnect > Participants > Host > Protocols > Protocol > Advanced > Publish XML (or TEXT) as Rile Reference is selected, the audit log description still incorrectly points to a Local filename reference.</p> <p>Workaround: None.</p>
EDIP-1063	<p>Summary: When sending TEXT files as stringData as a part of textRawRequest from a TIBCO ActiveMatrix BusinessWorks private process, the following results occur:</p> <ul style="list-style-type: none"> • If the Don't Wait for Response check box is selected, the TEXT data is not sent to the trading partner and comes back as an error. • If the Don't Wait for Response check box is cleared, the TEXT data is sent <p>Workaround: Fill in the closure field as follows: <B2BClosure></B2BClosure> and a system or userClosure can be enclosed with a value, such as: <B2BClosure><userClosure>5000</userClosure></B2BClosure></p>
EDIP-1035	<p>Summary: When creating a TEXT guideline by using the EDISIM design tool, a complex field is used for designing the TEXT guidelines. This complex field is not translated to XML when TIBCO BusinessConnect EDI Protocol powered by Instream processes the TEXT document and converts it to XML.</p> <p>Workaround: Do not use the complex field to design the TEXT guidelines.</p>

Key	Summary/Workaround
EDIP-1004	<p>Summary: When sending XML X12 from a private process to TIBCO BusinessConnect EDI Protocol powered by Instream that has Gateway level batching enabled, if the option under BusinessConnect > Participants > Trading Partner > Protocols > X 12 > Batching > Publish Information to Insight Reporting for Batch is enabled and if validation errors occur during the EDI validation, the appropriate option under BusinessConnect > Participants > Host > Protocols > X12 > Logging > Log Raw EDI Request to File must be selected. This populates TIBCO BusinessConnect Insight® with the correct validation error information.</p> <p>Workaround: You have to enable the option under BusinessConnect > Participants > Host > Protocols > X12 > Logging > Log Raw EDI Request to File when validation errors occur and when Gateway level batching is enabled.</p>
EDIP-749	<p>Summary: When an EDIFACT document is received from a trading partner by TIBCO BusinessConnect EDI Protocol powered by Instream and if Interchange level errors occur, the generated CONTRL acknowledgment contains the same values as in the received EDI document for some Interchange level elements. This situation causes acknowledgment reconciliation if the trading partner is reconciling the transactions.</p> <p>Workaround: None.</p>
EDIP-716	<p>Summary: The CONTRL acknowledgment generated by TIBCO BusinessConnect EDI Protocol powered by Instream for a receiving EDIFACT document always picks up some portion of the UNB segment values back into the CONTRL values. Values that are picked up are UNB-S001/0001 Identifier, UNB-S001/0133 Character set Encoding, UNB-S005/0022 Recipient reference password, UNB-0029 Processing Priority Code, UNB-0031 Ack Requested field, and UNB-0035 Test Indicator. If these values are invalid, they are returned in the CONTRL as well..</p> <p>Workaround: Always ask your trading partner to send valid values in the UNB segment.</p>
EDIP-708	<p>Summary: When XML documents are batched for EDIFACT or X12 documents, some entries in the audit logging do not show the proper reconciliation entry. The Reconciliation entry is shown in the EDI/Outbound/Interchange Summary row</p> <p>Workaround: None.</p>
EDIP-687	<p>Summary: When dropping an EDI file in the Outbound File Poller, the audit log stays in PENDING status when outbound transport errors occur.</p> <p>Workaround: None.</p>

Key	Summary/Workaround
EDIP-632	<p>Summary: If TIBCO BusinessConnect EDI Protocol powered by Instream receives a file via the HTTP or FILE transport from a trading partner and the appropriate business agreements are disabled, the EDI validation still proceeds without errors to check for validity of these business agreements.</p> <p>Workaround: None.</p>
EDIP-415	<p>Summary: When the outbound validation is disabled in the trading partner configuration and an EDI document with Interchange or Group level errors is sent to the trading partner, the acknowledgment sent from the trading partner does not reconcile with the ACK REJECTED status published in the INITIATOR.ACK message.</p> <p>Workaround: None.</p>
EDIP-384	<p>Summary: When doing a resend RESPONSE_TO_PP state for JMS from TIBCO BusinessConnect audit logs for the Service protocol, the response is never received by the palette.</p> <p>Workaround: None.</p>

