

BCI Installation and Configuration Quick Reference

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Purpose

This quick reference is intended for use by the technical team that is installing and configuring BusinessConnect™ Insight (BCI).

Overview

BCI provides BusinessConnect™ users with a tool to view information about their EDI processing.

This is achieved via validated data files flowing from the BusinessConnect server to the BCI server, where they are used to generate data for BCI's reporting capabilities. Users access the data through the BCI web user interface.

There are three components in this configuration, each of which must be installed and configured:

- BusinessConnect
- BusinessConnect Insight
- TI-EMS Queue Reader

Steps

Note 1:

The documents listed under "Reference" in the table below can be found in the TransactionInsight Doc directory.

Note 2:

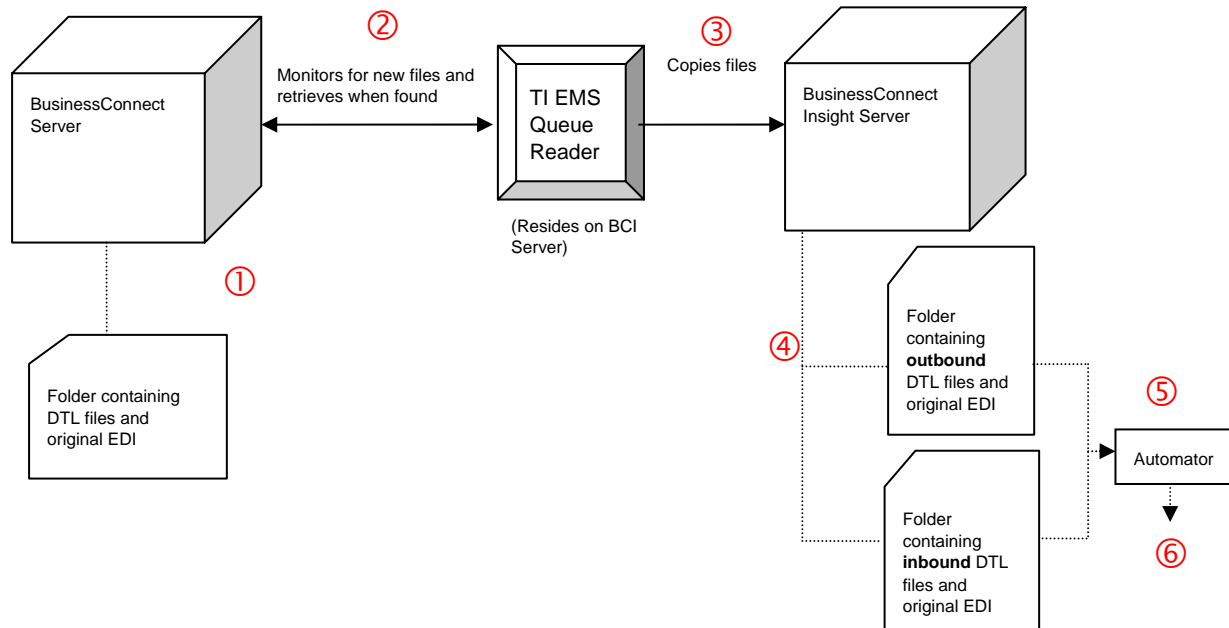
The BCI product is installed into a directory called **\Foresight\TransactionInsight**. Throughout the BCI documentation you will see references to TI and Transaction Insight in pathnames (e.g., C:\Foresight\TransactionInsight\4.1.0\ Environments\envname\java) and program names (e.g., TIAutomator). In all cases, the terms TI and Transaction Insight are referring to the BCI product and the files and components within it.

Task	Explanation	Reference
Step 1 –Set Up and Install Software on the BusinessConnect Server	Set up and install the BusinessConnect software in the typical manner.	BusinessConnect installation documentation
Step 2 – Configure the BusinessConnect Server for use with BusinessConnect Insight (BCI)	Ensure that settings within BusinessConnect are configured correctly to work with BCI.	BusinessConnect™ Configuration for use with BusinessConnect™ Insight (BCI) document.
Step 3 – Prepare for BCI Software Installation	Perform pre-installation planning: <ul style="list-style-type: none"> ▪ Planning and sizing database ▪ Planning system configuration ▪ Obtaining license files 	BCIInstallation_Config.pdf Chapter 2, "Preparation before Installing"
	Ensure the following prerequisite software is loaded on the BCI server: <ul style="list-style-type: none"> ▪ Microsoft .NET version 3.5 redistributable ▪ Windows Server 2003 R2 or 2008 R2 ▪ Internet Information Services (IIS) Version 6 or later (with the latest security updates) for Windows Server 2003 R2 or 2008 R2. ▪ If using SQL Server: <ul style="list-style-type: none"> ○ SQL Server 2005 or 2008 ○ For machines connecting to a SQL Server DB: Microsoft SQL Server ODBC Driver Version 03.85.1117 ▪ For Oracle databases: <ul style="list-style-type: none"> ○ Oracle Instant Client version 11.2.0.1.0 	SystemDescription.pdf
Step 4 – Install BCI Software on the BCI Server	Install BCI Software	BCIInstallation_Config.pdf Chapter 3, "Installation On Unix " OR Chapter 4, "Installation on Windows"
Step 5 – Configure BCI (General)	Configure general BusinessConnect software. <ul style="list-style-type: none"> ▪ Run Database Scripts ▪ Update your System Path ▪ Copy and Test License Files 	BCIInstallation_Config.pdf Chapter 5, "General Configuration after Installation"

Step 6 - Configure Other TIBCO Foresight Components within BCI	Configure the additional components that are installed along with BCI (e.g., TIUtilities, TIMatcher, and Instream).	BCIInstallation_Config.pdf Chapter 6, "Configuring other Foresight Programs"
Step 7 – Install TI EMS Queue Reader on the BCI Server	Install the TI EMS Queue Reader: <ul style="list-style-type: none"> ▪ Install appropriate files ▪ Perform setup on the BusinessConnect Server ▪ Enable the TI EMS Queue Reader 	TI_EMS_Queue_Reader.pdf
Step 8 – Test the BCI System	Ensure the flow of data from the BC server to the BCI server and verify results are viewable: <ol style="list-style-type: none"> 1. Place validated data in the specified folder on the BusinessConnect server 2. Ensure TI EMS Queue Reader detects and copies data from the BusinessConnect server to the BCI server 3. Ensure TIBCO Foresight Automator retrieves the data and runs it through a workflow. 4. View results via the BCI UI. 	BCI_User.pdf

Appendix A: Data Flow

This shows a high-level view of the data flow from BusinessConnect to BCI.



①

When newly processed data is placed in a specified folder on the BusinessConnect server, the server sends a message to the Java message queue located on the BusinessConnect server.

②

The TI EMS Queue Reader, which resides on the BCI server, constantly monitors the Java message queue.

③

When a Java message is detected, the TI EMS Queue Reader copies any .dtl (detail) files and associated EDI from the folder on the BusinessConnect server.

④

The TI EMS Queue Reader places the data on the BCI server in the appropriate inbound or outbound folder.

⑤

TIBCO Foresight Automator retrieves the data from the inbound/outbound folders and runs it through a workflow.

⑥

Data available in BCI.

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