Connect:Direct® Browser User Interface

Release Notes

Version 1.3.01

Sterling Commerce

An IBM Company

Connect:Direct Browser User Interface Release Notes
Version 1.3.01
First Edition

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Contents

Connect:Direct Browser User Interface Release Notes

The *Connect:Direct Browser User Interface Release Notes* describe the last-minute changes, product requirements, enhancements, and maintenance updates in Connect:Direct Browser User Interface version 1.3.01.

This document supplements the Connect:Direct Browser User Interface documentation. Release notes are updated with each product release. Read the document in its entirety before installation.

The Connect:Direct Browser User Interface package consists of the distribution media and product publications. The Connect:Direct Browser User Interface application is distributed as follows:

✦ CD-ROM

✦ File downloaded from the Connect Downloads section of the Sterling Commerce Support on Demand site at www.sterlingcommerce.com

✦ File downloaded from the Sterling Commerce Electronic Software Distribution (ESD) Portal

Product Requirements

Connect:Direct Browser User Interface requires the following software:

Component	Software
Connect:Direct	Connect:Direct OS/390 4.3.00 or later, with the latest maintenance. 4.4.00 is required to use Connect:Direct Browser 1.3 features.
	Connect:Direct UNIX 3.4.00 or later. 3.6.00 is required to use Connect:Direct Browser 1.3 features.
	Connect:Direct Windows 4.0.00 or later. 4.2.00 is required to use the Process Builder feature.

Component	Software
Web server	Apache HTTP Server 1.3.26 with the Tomcat 3.3.1a servlet engine on HP-UX 11.00 (32-bit version), AIX 4.3.3, Windows NT Server 4.0, or Windows 2000
	IBM WebSphere 5.0 or later on Windows NT, Windows 2000, or on the UNIX OS
	IBM WebSphere 4.0.1 at service level W401400 on OS/390 or z/OS
	Microsoft Internet Information Server (IIS) on Windows NT Server 4.0 If you use Microsoft IIS, you must also use a third-party Java servlet engine such as Macromedia JRun 4.0. See http://java.sun.com/products/servlet/industry.html for a list of available servlet engines.
	Sun ONE 7.0 Application Server on HP-UX 11.00 (32-bit version), Solaris 8, AIX 4.3.3, Windows NT Server 4.0, or Windows 2000
Java	Java JDK version 1.2.2 or later installed on the Web server
Browser	Microsoft Internet Explorer 6.0 or later, or Netscape Navigator 6.2 or later. You must enable cookies in your browser to run the Connect:Direct Browser User Interface.

The Connect:Direct Browser User Interface uses various third-party products, such as Sun One, IIS, and Apache Web servers and Internet Explorer and Netscape browsers. If you have questions about third-party product installation or use, contact your vendor directly. Sterling Commerce does not provide customer support for any third-party products that work with the Connect:Direct Browser User Interface, and is not responsible for any changes to these products.

Features and Enhancements

Connect:Direct Browser User Interface version 1.3.01 has the following enhancements:

Feature	Description
1.3.01	The Connect:Direct Browser User Interface now provides the ability to display GIS process tracking information for Connect:Direct processes submitted to a GIS system.
	The Process Builder feature is now supported on Connect:Direct Windows 4.2.

Feature	Description
1.3.00	The Connect:Direct Browser User Interface now provides support for the following Web servers: ◆ IBM WebSphere 5.0 ◆ Sun ONE 7.0
	The Connect:Direct Browser User Interface is now installed only through a .WAR file.
	The Process Builder feature allows you to create, edit, validate, save, and submit Connect:Direct Processes through a graphical interface. You can also view a text version of the Process. Existing text Processes can be imported into the graphical view.
	A Browse button was added to browse for files on a Connect:Direct PNODE that supports file browsing. Only directories that a user is authorized to access through their operating system and Connect:Direct security are displayed.
	You can select a configured node when signing on, rather than typing it. This feature must be enabled by the system administration in the Configuration panel to appear.
	The functions and buttons that are displayed when a user signs on to a Connect:Direct server are restricted to only those functions for which the user is authorized. For example, if a user is not authorized to submit Processes, the Submit Process function is not displayed in the left panel on the Connect:Direct Browser User Interface page. If a user can only view Process details, the delete Process and suspend Process buttons on the Select Process page are not displayed. This authorization is controlled through the Connect:Direct authorization file and the Select Functional Authority command. If the Connect:Direct server does not support the Select Functional Authority command, then all functions are displayed.

Special Considerations

Connect:Direct Browser User Interface has no special considerations.

Installation Notes

Before you install Connect:Direct Browser User Interface, read all the information in this section and follow the guidelines.

✦ Review the *Connect:Direct Browser User Interface Release Notes* for last-minute product information and installation tasks.

✦ Verify that you have the current updates for Connect:Direct Browser User Interface. Access current update information, including instructions for applying updates containing product fixes and enhancements, from the Connect product support Web site at www.sterlingcommerce.com. See *Getting Support for Sterling Commerce Products* on page 15 for instructions.

Installing the Connect:Direct Browser User Interface

To install the Connect:Direct Browser User Interface on an OS/390, UNIX, or Windows NT computer:

1. Download and review the latest Release Notes from the Sterling Commerce Support Web site at www.sterlingcommerce.com.

2. Do one of the following:

    ◆ Copy the cdbrowser.war file from the Connect:Direct Browser User Interface CD to your Web server default publishing directory.

    ◆ Download the cdbrowser.war file from the Connect Downloads section of the Sterling Commerce Support on Demand site at www.sterlingcommerce.com to your Web server default publishing directory (OS/390) or to any directory accessible by the Web server application server (UNIX or Windows).

    The following table shows the usual default publishing directory for each Web server. The directory names are case-sensitive.

Web Server	Default Publishing Directory
Apache-Tomcat	webapps
IIS with JRun	C:\JRun4\servers\default
Sun ONE	None. Connect:Direct Browser User Interface on a Sun ONE Web server is deployed directly from the Connect:Direct Browser User Interface CD-ROM or from the local machine.
WebSphere	None. Connect:Direct Browser User Interface on an IBM WebSphere Web server is deployed directly from the Connect:Direct Browser User Interface CD-ROM.

3. Deploy Connect:Direct Browser User Interface on your Web server using the instructions in *Deploying the Connect:Direct Browser User Interface on a Web Server* on page 5.

4. Download and install the latest maintenance from the Sterling Commerce Connect Support Web site at www.sterlingcommerce.com.

The Connect:Direct Browser User Interface does not require a license key.

Downloading the Connect:Direct Browser User Interface from the ESD Portal

To download the CDBrowser1300.war file from the Sterling Commerce Electronic Software Distribution (ESD) Download Area:

1. Click the link to the Download Area in the e-mail from Sterling Commerce.

2. In the **Security Alert** dialog box, click **Yes**.

3. On the Login page, type the following information included in the e-mail:
   - ◆ Sterling order number
   - ◆ Company name
   - ◆ Customer ID
4. Click **Login**. The Download Area is displayed.
5. Find Connect:Direct Browser User Interface version 1.3 and click **Download**.
6. In the **File Download** dialog box, click **Save**.
7. When the **Save As** dialog box opens, specify the location to save the files.
8. Continue with *Deploying the Connect:Direct Browser User Interface on a Web Server*.

Deploying the Connect:Direct Browser User Interface on a Web Server

This section describes how to deploy the Connect:Direct Browser User Interface on a supported Web server. It assumes that you are familiar with Web server configuration. Refer to your Web server's documentation for questions about application deployment.

Deploying the Connect:Direct Browser User Interface on an IBM WebSphere 5.0 Web Server

To deploy the Connect:Direct Browser User Interface on an IBM WebSphere 5.0 Web server:

1. Log on to the WebSphere Application Server Administrative Console.
2. Use the following values in the WebSphere configuration dialogs:

Dialog	Parameter	Value
Install New Application	Path	Path and file name of the cdbrowser.war file
	Context Root	/cdbrowser

3. After configuration is complete, type the following URL to run the Connect:Direct Browser User Interface, where *servername:port* is the server name and port where the Connect:Direct Browser User Interface is installed. You can omit the *:port* parameter if you are using port 80.

```
http://servername:port/cdbrowser/html/main.html
```

4. Sign on to the Connect:Direct Browser User Interface.
5. Configure the Connect:Direct Browser User Interface property files. Click **Help** for instructions.

Deploying the Connect:Direct Browser User Interface on an IBM WebSphere 4.01 Web Server on OS/390 or z/OS

To deploy the Connect:Direct Browser User Interface on an IBM WebSphere 4.01 Web server (at service level W401400) on an OS/390 or z/OS operating system:

1. Start the **Application Assembly Tool**.

2. Use the following values to convert the cdbrowser.war file to Enterprise Archive (.ear) format:

Dialog	Field	Value
Add Applications	Display name	cdbrowser
	Description	Connect:Direct Browser 1.2
Web Apps	Context root	/cdbrowser

3. Start the WebSphere Application Server for z/OS and OS/390 Administration.

4. Configure the Web server using the following values:

Dialog	Field	Value
Add Conversation	Conversation name	CDBROWSER
	Conversation description	Connect:Direct Browser 1.3
Install J2EE application	EAR Filename	Location of the cdbrowser.ear file
	Destination FTP Server	Name of the FTP server on OS/390 where you want to deploy Connect:Direct Browser User Interface
	Set Default JNDI Path & Names for all Beans	Select
	Resolve all unambiguous References	Select
	Resolve all unambiguous Resources	Select

5. After the Connect:Direct Browser User Interface is deployed, insert the following highlighted line into the ServerInit section of the httpd.conf file, located in /web/httpd1/ (the file location may vary on your system).

```
ServerInit /usr/lpp/WebSphere/WebServerPlugIn/bin/was400plugin.so:init_exit /usr/ . . .
Service    /PolicyIVP/*  /usr/lpp/WebSphere/WebServerPlugIn/bin/ . . .
Service   /webapp/examples/* /usr/lpp/WebSphere/WebServerPlugIn/bin/ . . .
Service   /cdbrowser/* /usr/lpp/WebSphere/WebServerPlugIn/bin/was400plugin.so:service_exit
ServerTerm /usr/lpp/WebSphere/WebServerPlugIn/bin/was400plugin.so:term_exit
```

6. Type the following URL to run the Connect:Direct Browser User Interface, where *servername:port* is the server name and port where the Connect:Direct Browser User Interface is installed. You can omit the *:port* parameter if you are using port 80.

```
http://servername:port/cdbrowser/html/main.html
```

7. Sign on to the Connect:Direct Browser User Interface.

8. Configure the Connect:Direct Browser User Interface property files. Click **Help** for instructions.

Deploying Connect:Direct Browser User Interface on a Sun ONE 7.0 Application Server

To deploy the Connect:Direct Browser User Interface on a Sun ONE 7.0 application server:

1. Log on to the Sun ONE 7.0 application server.

2. Deploy the Connect:Direct Browser User Interface using the following values:

Dialog	Field	Value
Select File to Deploy	File Path	Browse for and select the cdbrowser.war file.
Deploy Web Applications	File Name	cdbrowser.war
	Web Application Name	cdbrowser
	Context Root	/cdbrowser
	Virtual Servers	Select the target server for the Connect:Direct Browser User Interface.

3. Use a text editor to open the domain server *<default directory>*/config/server.policy file.

4. Add the **delete** permission to the java.io.FilePermission permission parameter, as shown in the following example:

```
// Basic set of required permissions granted to all remaining code
grant
 permission java.lang.RuntimePermission   "loadLibrary.*";
 permission java.lang.RuntimePermission   "queuePrintJob";
 permission java.net.SocketPermission      "*", "connect";
 permission java.io.FilePermission         "<<ALL FILES>>", "read,write,delete";
 permission java.util.PropertyPermission  "*", "read";
 permission java.lang.RuntimePermission"modifyThreadGroup";
```

5. Save the server.policy file.

6. After stopping and restarting the application server, type the following URL to run the Connect:Direct Browser User Interface, where *servername:port* is the server name and port

where the Connect:Direct Browser User Interface is installed. You can omit the *:port* parameter if you are using port 80.

```
http://servername:port/cdbrowser/html/main.html
```

7. Sign on to the Connect:Direct Browser User Interface.

8. Configure the Connect:Direct Browser User Interface property files. Click **Help** for instructions.

Deploying the Connect:Direct Browser User Interface on an Apache-Tomcat HTTP Server

In the following instructions, *apachehome* represents the directory path where the Apache HTTP server is installed and *tomcathome* represents the directory path where Tomcat is installed.

To deploy the Connect:Direct Browser User Interface on Apache-Tomcat:

1. Add the following to the end of the *apachehome*\conf\httpd.conf file (if not already present):

```
include "tomcathome\conf\mod_jk.conf-auto"
```

2. After starting Tomcat and the Apache HTTP server, type the following URL to run the Connect:Direct Browser User Interface, where *servername:port* is the server name and port where the Connect:Direct Browser User Interface is installed. You can omit the *:port* parameter if you are using port 80.

```
http://servername:port/cdbrowser/html/main.html
```

3. Sign on to the Connect:Direct Browser User Interface.

4. Configure the Connect:Direct Browser User Interface property files. Click **Help** for instructions.

Deploying the Connect:Direct Browser User Interface on a Microsoft IIS Web Server with JRun 4.0

The Connect:Direct Browser User Interface uses Java Servlet technology, which Microsoft IIS does not support. If you use Microsoft IIS as your Web server, you must add a third-party servlet engine. In the following example, the Connect:Direct Browser User Interface is configured with the JRun 4.0 servlet engine from Macromedia.

To deploy the Connect:Direct Browser User Interface on Microsoft IIS with the JRun 4.0 servlet engine:

1. Add the path to the Connect:Direct Browser User Interface .war file in the **Deployment Files** dialog box under **Web Applications**.

2. Restart the JRun server.

3. Type the following URL to run the Connect:Direct Browser User Interface, where *servername:port* is the server name and port where the Connect:Direct Browser User Interface is installed. You can omit the *:port* parameter if you are using port 80.

```
http://servername:port/cdbrowser/html/main.html
```

4. Sign on to the Connect:Direct Browser User Interface.

5. Configure the Connect:Direct Browser User Interface property files. Click **Help** for instructions.

Maintenance Updates

There are no maintenance updates for Connect:Direct Browser User Interface version 1.3.01.

Known Restrictions

Connect:Direct Browser User Interface version 1.3 has the following known restriction:

✦ Connect:Direct Browser User Interface version 1.3 has not been certified on WebSphere 4.0.1.

Documentation and Help Updates

This following are additional updates to the Connect:Direct Browser User Interface version 1.3 documentation.

Connect:Direct Browser User Interface Configuration Guide

The following update applies to the *Connect:Direct Browser User Interface Configuration Guide*.

Chapter 4, Configuring Internationalization Support

The Connect:Direct Browser User Interface translation files are installed in the WEB-INF/lib directory when the Connect:Direct Browser User Interface is installed. The system administrator can delete any unneeded translation files if desired.

The translation files are also available from the Connect Downloads section of the Sterling Commerce Support on Demand site at www.sterlingcommerce.com.
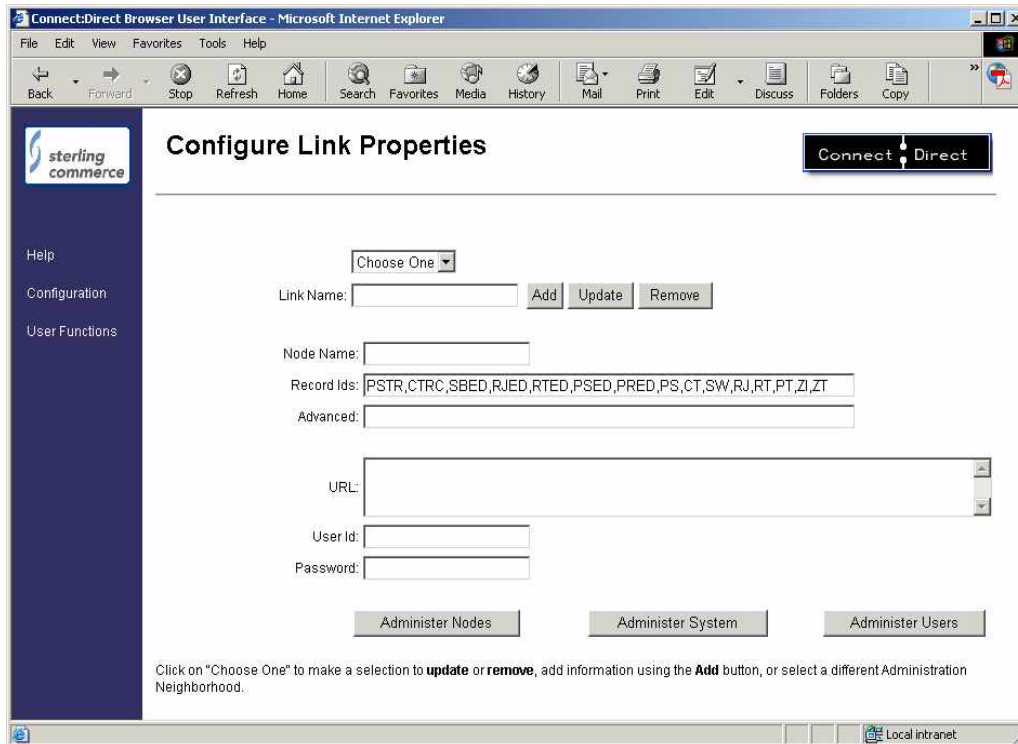
New Feature–Configuring the Interface to GIS Process Information

The Connect:Direct Browser User Interface now provides the ability to display GIS Process tracking information for Connect:Direct Processes submitted to a GIS system. Before using this feature, you must configure two links to GIS. Connect:Direct Browser User Interface uses the first

link when the Process name is a "B" followed by the GIS Business Process ID. Connect:Direct Browser User Interface uses the second link when the GIS Business Process ID is not known.

To configure these links:

1. Click **Admin functions**.
2. Click **Configuration** to display the Configure Site Properties page.
3. Type the Administrator User ID and password and click **Sign On** to access the Configure Node Properties page.
4. Click **Administer Links** to access the Configure Link Properties page.

5. Type information into the following fields to create the first link.:

Field	Description
Link Name	Type a unique name for this link, such as GIS1.
Node Name	Type the name of the node where the GIS Process is submitted.
Record IDs	Do not make any changes to this field.
Advanced	Leave this field blank.
URL	Type: `http://host:port/ws/ExtLogin?userid=&USERID;&password=&PASSWORD;&bpid=&BPID;` where *host:port* are the host name/IP address and port number of the GIS system.

Field	Description
User Id	Type the user ID to access the GIS system.
Password	Type the password to access the GIS system.

6. Click **Add** to add the first link.

7. Type information into the following fields to create the second link:

Field	Description
Link Name	Type a unique name for this link, such as GIS2. This name must sequentially follow the first link name. For example GIS1, GIS2, or Link1, Link2.
Node Name	Type the node name you entered in step 5.
Record IDs	Do not make any changes to this field.
Advanced	Leave this field blank.

URL	Type:
	`http://host:port/ws/ExtCorr?userid=&USERID;&password=&PASSWORD;`
	`&where=live&CD_ProcessName=&PNAM;&CD_ProcessNum=&PNUM;&CD_SnodeName=&SNOD;`
	`&CD_PnodeName=&SBND;`
	where *host:port* are the host name/IP address and port number of the GIS system.

User Id	Type the user ID to access the GIS system.
Password	Type the password to access the GIS system.

8. Click **Add** to add the second link.

The links are configured.

Removing a Link

To remove a link:

1. Click **Admin functions**.

2. Click **Configuration** to display the Configure Site Properties page.

3. Type the Administrator User ID and password and click **Sign On** to access the Configure Node Properties page.

4. Click **Administer Links** to access the Configure Link Properties page.

5. Select the link that you want to remove from the list box.

6. Click **Remove**.

Connect:Direct Browser User Interface User's Guide

The following update applies to the *Connect:Direct Browser User Interface User's Guide*.

Browsing for Files

Special characters (such as single quotes) in the directory name or filename are not supported when browsing for files.
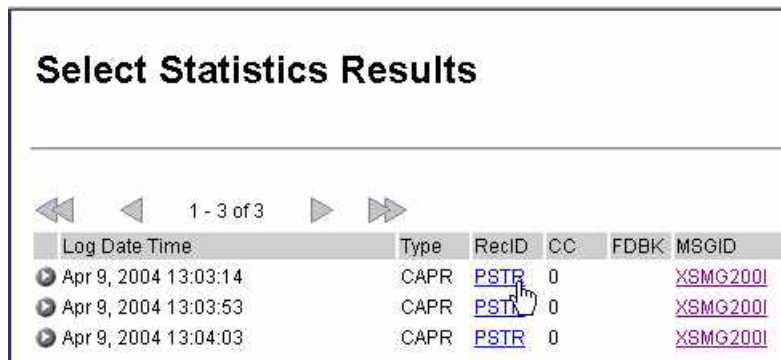
New Feature–Viewing GIS Process Information from the Select Statistics Function

If a Connect:Direct Process was submitted to a GIS system, and the Connect:Direct Browser User Interface links to the GIS system were properly configured, you can view GIS tracking information through the Select Statistics function.

To view GIS Process Information from the Select Statistics function:

1. Click **Select Statistics** to display the Select Statistics Request page.

2. Type the selection criteria and click **Select Statistics** to display the Select Statistics Results page.
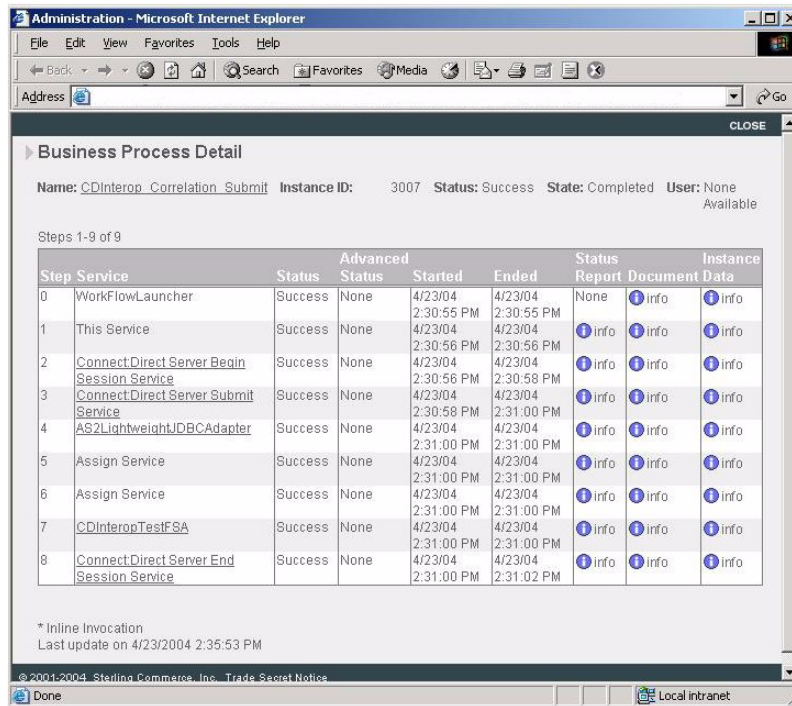
   Processes submitted to the GIS system display a hyperlink under the **Rec ID** field.
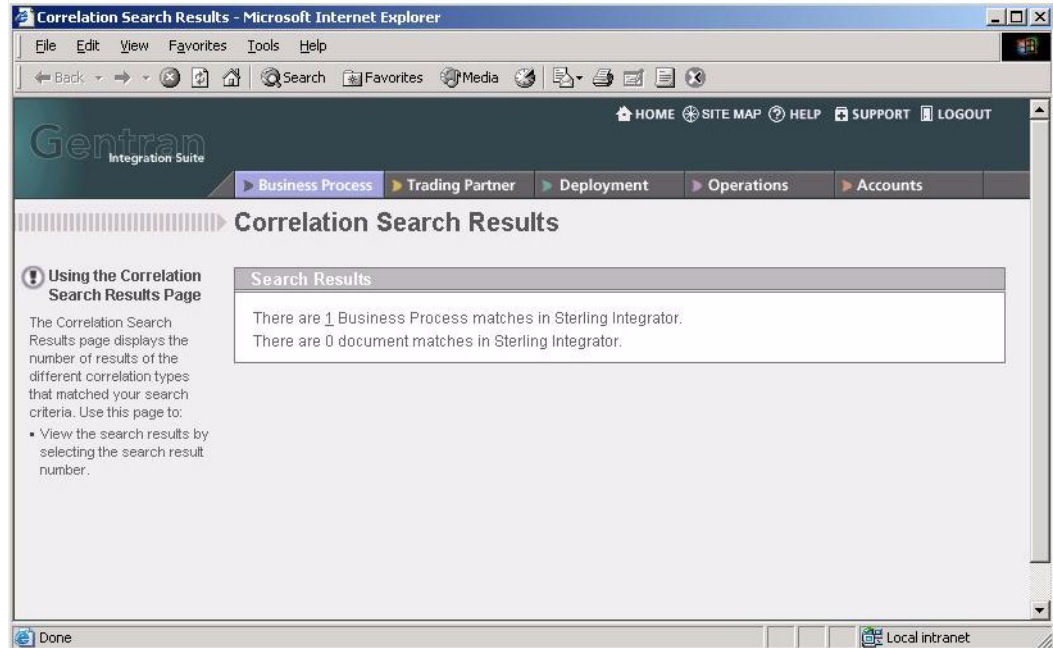

3. Click the hyperlink to display the GIS Process Information. The displays depends on whether or not the GIS Business Process ID begins with a "B."
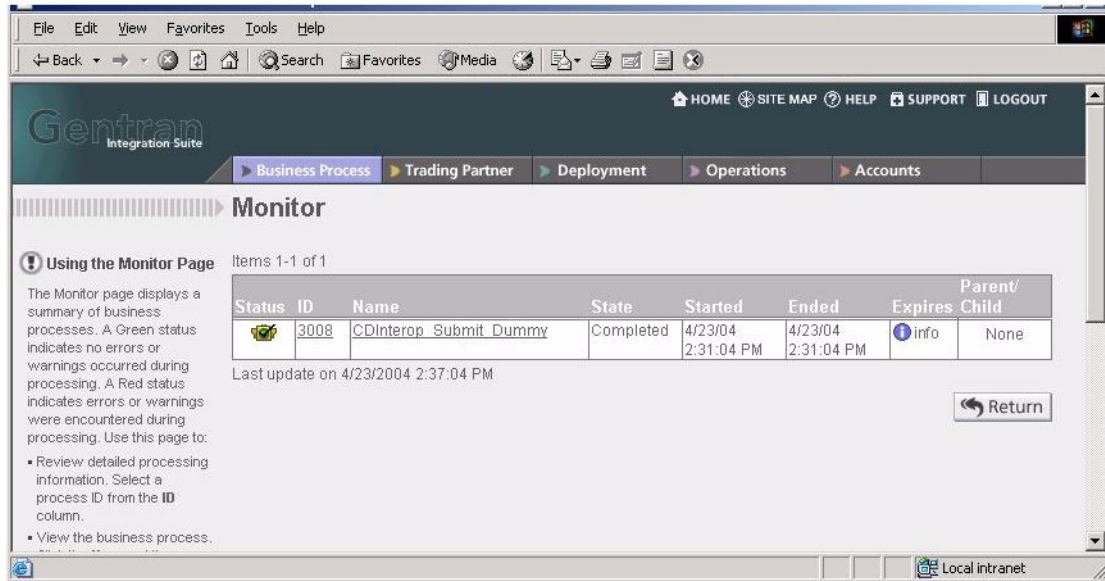
◆ If GIS Business Process ID begins with a "B", the following page is displayed:

◆ If the GIS Business Process ID is not known, the following page is displayed:

Select the search results number to display the following page:

4. Close the page after viewing the information.

New Feature–Viewing GIS Process Information from the Select Process Function

If a Connect:Direct Process was submitted to a GIS system, and the Connect:Direct Browser User Interface links to the GIS system were properly configured, you can view GIS tracking information through the Select Process function.

To view GIS Process Information from the Select Statistics function:

1. Click **Select Process** to display the Select Process Request page.

2. Type the selection criteria and click **Select Process** to display the Select Process Request page.

   Processes submitted to the GIS system display a hyperlink under the **Name** field.

3. Click the hyperlink under the **Name** field to display the GIS Process Information in a new window.

4. Follow the procedure in *New Feature–Viewing GIS Process Information from the Select Statistics Function* on page 12 to view the information.

Connect:Direct Browser User Interface Documentation and Help

This section describes how to use Connect:Direct Browser User Interface Help and the documentation delivered with the Connect:Direct Browser User Interface.

Connect:Direct Browser User Interface Help

Click **Help** on the left side of the page to display Help.

On a Connect:Direct Browser User Interface Help page, highlighted and underlined words have associated Help information. Move your cursor over these words to display a pop-up window with Help text. Click an underlined term to jump to the glossary for additional information, such as a list of codes.

The box on the left of the Help page displays three tabs. The Contents tab displays a Help tree structure. Click the book symbol to expand the structure, then click any topic title to move to that Help topic.

You can also use the Index tab to find specific topics or use the Search tab to search for a specific word or text string in the Help.

Connect:Direct Browser User Interface Documentation

Connect:Direct Browser User Interface documentation is distributed in Portable Document Format (PDF) files. The PDF files are installed in the cdbrowser directory when you deploy the Connect:Direct Browser User Interface. The Connect:Direct Browser User Interface documentation requires the latest version of Adobe Acrobat Reader, which you can download at www.adobe.com if you do not have it.

The Connect:Direct Browser User Interface documentation set consists of the following PDF files:

PDF File Name	Book Title
AdminGuide.pdf	Connect:Direct Browser User Interface System Administration Guide
ConfigGuide.pdf	Connect:Direct Browser User Interface Configuration Guide
UserGuide.pdf	Connect:Direct Browser User Interface User's Guide
ReleaseNotes.pdf	Connect:Direct Browser User Interface Release Notes
CDProcessConceptsGuide.pdf	Connect:Direct Process Concepts and Examples Guide
CDProcessStatementsGuide.pdf	Connect:Direct Process Statements Guide

Connect:Direct Browser User Interface documentation is also available from the Sterling Commerce Support On Demand Web site at www.sterlingcommerce.com. You need a Support On Demand user name and password. See *Getting Support for Sterling Commerce Products* on page 15 for instructions on obtaining your user name and password.

Getting Support for Sterling Commerce Products

Sterling Commerce provides intuitive technical products and superior Help and documentation to enable you to work independently. However, if you have a technical question regarding a Sterling Commerce product, use the Sterling Commerce Customer Support Web site, Support On Demand.

The Sterling Commerce Customer Support Web site at www.sterlingcommerce.com is the doorway to Web support, information, and tools. This Web site contains several informative links, including a solutions database, an issue tracking system, fix information, documentation, workshop information, contact information, sunset and retirement schedules, and ordering information. Refer to the *Customer Support Reference Guide* at www.sterlingcommerce.com/customer/tech_support.html for information on getting support for Sterling Commerce products.

You need a Support On Demand user name and password for access to the information and services provided on the Sterling Commerce Customer Support Web site.

To obtain a Support On Demand user name and password:

1. Open your Web browser and go to http://www.sterlingcommerce.com to display the Sterling Commerce Web site main page.

2. Highlight **Customer Support** and click **Support On Demand** to display the Login page.

3. Click the link under **New to the Site**?

4. Read the Legal Agreement and click **Agree**.

5. Type the information required to register and click **Submit**.

   Your Support On Demand user name and password will be sent to you in an e-mail.