

Using Job Service Viewer

When you need to know which job is currently running, which jobs are in the queue waiting to run, or a history of jobs that have run, use *Job Service Viewer* to view details for each of these scenarios.

Topics in this section include those in the following list:

- *About Job Service Viewer* (page 562)
- *Viewing Current and Past Jobs* (page 567)
- *Restarting the PCS Axis Job Service* (page 569)

NOTE: For information about activating a Bridge license using *Job Service Viewer*, see *Activating Bridge Import for Operation* (page 15). For information about *Reindex Database*, see *Managing the Database* (page 793).

Related Topics

- [Activating Bridge Import for Operation](#)
- [About Job Service Viewer](#)
- [Viewing Current and Past Jobs](#)
- [Restarting the PCS Axis Job Service](#)

About Job Service Viewer

Information in this section explains how to view job status information for the following types of PCS Axis jobs.

NOTE: For information about activating the optional Bridge add-on, refer to *Activating Bridge Import for Operation* (page 15). See *Managing the Database* (page 793) for information about *Reindex Database*.

Job Service Viewer provides status information for the type of jobs in the following list. Status information identifies which job is currently running; which jobs are waiting in the queue to run; and a history of completed jobs (Figure 11-1).

- Bridge Import, Bridge Export, and Bridge Import/Export
- Email Notification
- Field Computer Receive

The screenshot shows the PCS Axis Job Service Console interface. At the top, there is a menu bar with 'File', 'Modules', 'Data Entry', 'Reports / Graphs', 'Tools', 'Field Computer', and 'Help'. The user is logged in as 'John Smith' and can 'Log Out'. Below the menu, there is a 'Job Service Console' tab and a 'Job Type' dropdown menu set to 'All'. The main area displays 'Job Service Status' with 'Status: Running', 'Status Time: 10/17/2014 1:09:20 PM', and 'License: Valid'. Below this is a 'Queue' section with buttons for 'Reindex Database', 'Current Jobs', and 'Job History'. A table lists the current jobs:

Job Type	Direction	State	Last Update	Suspended	Delete
Bridge	Import	Validated	10/16/2014 11:09:13 AM		
ResendEmailReports		Waiting	10/16/2014 5:32:11 PM		
Bridge	Export	Running	10/17/2014 1:09:14 PM		
EmailReports		Waiting	10/17/2014 1:09:14 PM		
EmailReports		Waiting	10/17/2014 1:09:14 PM		
EmailReports		Waiting	10/17/2014 1:09:14 PM		
FieldComputer		Waiting	10/17/2014 1:42:39 PM		

At the bottom right of the table, it says 'Row Count: 5'.

Figure 11-1. Current Jobs






The *Current Jobs* grid displays by default when you first open *Job Service Viewer*. You can also display the grid by clicking the *Current Jobs* button (Figure 11-1, page 562). Use the *Job Type* field near the top of the window to filter data in the window. For example, if you only want to view Bridge job types, click the down arrow in the *Job Type* field and select *Bridge* in the selection list.

Information in the following table identifies the type of information that displays in the *Current Jobs* grid (Table 11-1).

Table 11-1. Current Jobs Grid Field Descriptions

Field	Description
Job Type	<p>Job types include:</p> <ul style="list-style-type: none"> • <i>Bridge</i>: Displays for all Bridge and Field Computer Receive jobs. • <i>EmailReports</i>: Displays for Email Notification jobs. • <i>ResendEmailReport</i>: Displays when you resend an Email Notification. • <i>Reindex Database</i>: Displays for a <i>Reindex Database</i> job type. For important information about using this function, see <i>Managing the Database</i> (page 793).
Direction	<i>Import</i> displays for a Bridge import job. <i>Export</i> displays for a Bridge export job.
State	<p>Identifies the status of a job as:</p> <ul style="list-style-type: none"> • <i>Running</i>: Job currently in progress. • <i>Waiting</i>: Job waiting in the queue to run. • <i>Validated</i>: Indicates data has been validated for a manually run <i>Bridge Import</i> job. When the job begins processing, the status changes from <i>Validated</i> to <i>Running</i>.

Table 11-1. Current Jobs Grid Field Descriptions

Field	Description
Last Update	Job status date and time stamp.
Suspended	<p>When a job is in a <i>Waiting</i> or <i>Validated</i> state, clicking the gold <i>Suspended</i>  button suspends processing of the job. Other jobs in the queue continue to process.</p> <p>Clicking the green <i>Suspended</i>  button displays the <i>Resume Job</i> message. Click  Yes to resume processing of the job or  No to continue suspending the job and close the message.</p> <p>NOTE: A job with a <i>Running</i>, <i>Completed</i>, or <i>Failed</i> state cannot be suspended.</p>
Delete	<p>If you want to delete a job that is in a <i>Suspended</i> state, click  Delete. Jobs in any other state cannot be deleted, such as <i>Running</i>, <i>Waiting</i>, <i>Validated</i>, <i>Failed</i>, or <i>Completed</i>.</p>

Clicking the *Job History* button displays the *Job History* grid. This grid provides status information for past jobs (completed and failed jobs). Use the *Job Type* and *Date range* fields near the top of the window to filter data in the window (Figure 11-2).

For example, if you only want to view Bridge job types for a particular date range:

- 1 Click the down arrow in the **Job Type** field and select *Bridge* in the selection list.
- 2 Click the down arrow in the **Date range** field and select an item in the selection list, such as *All*, *Today*, or *Last 72 hours*.

For a description of the various fields in the *Job History* grid, see Table 11-2 (page 566).


Job Type	Direction	State	Enqueue Time	Start Time	End Time	Duration	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 5:34:59 PM	9/3/2014 5:35:01 PM	9/3/2014 5:35:11 PM	00:00:10	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 5:28:31 PM	9/3/2014 5:28:54 PM	9/3/2014 5:29:04 PM	00:00:10	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 5:18:36 PM	9/3/2014 5:18:38 PM	9/3/2014 5:19:24 PM	00:00:46	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 5:16:05 PM	9/3/2014 5:16:09 PM	9/3/2014 5:17:38 PM	00:01:29	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 4:54:48 PM	9/3/2014 4:55:08 PM	9/3/2014 4:55:27 PM	00:00:19	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 3:14:50 PM	9/3/2014 3:14:52 PM	9/3/2014 3:15:01 PM	00:00:09	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 3:08:18 PM	9/3/2014 3:08:21 PM	9/3/2014 3:08:30 PM	00:00:09	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 3:01:56 PM	9/3/2014 3:02:01 PM	9/3/2014 3:02:09 PM	00:00:08	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 2:56:45 PM	9/3/2014 2:56:49 PM	9/3/2014 2:57:09 PM	00:00:20	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 1:30:55 PM	9/3/2014 1:30:59 PM	9/3/2014 1:31:12 PM	00:00:13	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 12:14:34 PM	9/3/2014 12:15:03 PM	9/3/2014 12:24:11 PM	00:09:08	Log	Detail Log	Delete
Bridge	Import	Completed	9/3/2014 11:36:01 AM	9/3/2014 11:36:38 AM	9/3/2014 11:48:09 AM	00:11:31	Log	Detail Log	Delete
Bridge	Import	Completed	9/2/2014 3:46:41 PM	9/2/2014 3:47:39 PM	9/2/2014 3:59:41 PM	00:12:02	Log	Detail Log	Delete
Bridge	Import	Completed	8/29/2014 7:40:75 PM	8/29/2014 7:40:76 PM	8/29/2014 7:40:34 PM	00:00:08	Log	Detail Log	Delete

Figure 11-2. Job History

Table 11-2. Job History Grid Field Descriptions

Field	Description
Job Type	<p>Job types include:</p> <ul style="list-style-type: none"> • <i>Bridge</i>: Displays for all Bridge and Field Computer Receive jobs. • <i>EmailReports</i>: Displays for Email Notification jobs. • <i>ResendEmailReport</i>: Displays when you resend an Email Notification. • <i>Reindex Database</i>: Displays for a <i>Reindex Database</i> job type. For important information about using this function, see <i>Managing the Database</i> (page 793).
Direction	<p><i>Import</i> displays for a Bridge import job. <i>Export</i> displays for a Bridge export job.</p>
State	<p>Identifies the status of a job as:</p> <ul style="list-style-type: none"> • <i>Completed</i>: Jobs that have run successfully are labeled Completed. • <i>Failed</i>: Jobs that have not run successfully are labeled Failed.
Enqueue Time	<p>Date and time stamp showing when a job was placed in the queue to run.</p>
Start Time	<p>Date and time stamp showing when a job began running.</p>
End Time	<p>Date and time stamp showing when a job finished running.</p>
Duration	<p>Time stamp showing the total amount of time a job was processed.</p>

Table 11-2. Job History Grid Field Descriptions (continued)



Field	Description
Log	Log with job summary information.
Detail Log	Log with job summary and status information. You can also re-send an Email Notification report to one or more email recipients by clicking the <i>ReSend</i> check box.
Delete	If you want to delete an entry in the <i>Job History</i> grid, select an entry and then click  Delete . The grid also supports multiple selections by pressing either the <i>Shift</i> or <i>Ctrl</i> key on the computer keyboard while selecting multiple entries.

Related Topics

- Activating Bridge Import for Operation
- Viewing Current and Past Jobs
- Restarting the PCS Axis Job Service

Viewing Current and Past Jobs

To view current and past jobs, follow these steps:

- 1 Click **Tools** > **Job Service Viewer** to open the *Job Service Console* (Figure 11-1, page 562).
- 2 To view jobs that are currently running and in the queue, click **Current Jobs**.
- 3 To view a list of all past jobs that have previously run, click **Job History**. If you want to view additional information about a job listed in the *Job History* grid, click the  log icon for that job.
- 4 If you want to filter the data view in the console to only view a particular job type, click the down arrow in the **Job Type** field and select an option in the list, such as *Email Reports* or *Field Computer*.
- 5 To close the *Job Service Console*, click the  close button.

Related Topics

- [Activating Bridge Import for Operation](#)
- [About Job Service Viewer](#)
- [Restarting the PCS Axis Job Service](#)

Restarting the PCS Axis Job Service

If the message *Not Running* displays in the *Status* field of the Job Service Console as shown in the following figure (Figure 11-3), use the procedure in this section to restart the PCS Axis Job Service. PCS Axis Job Service monitors the job queue, initiating jobs as they become available.

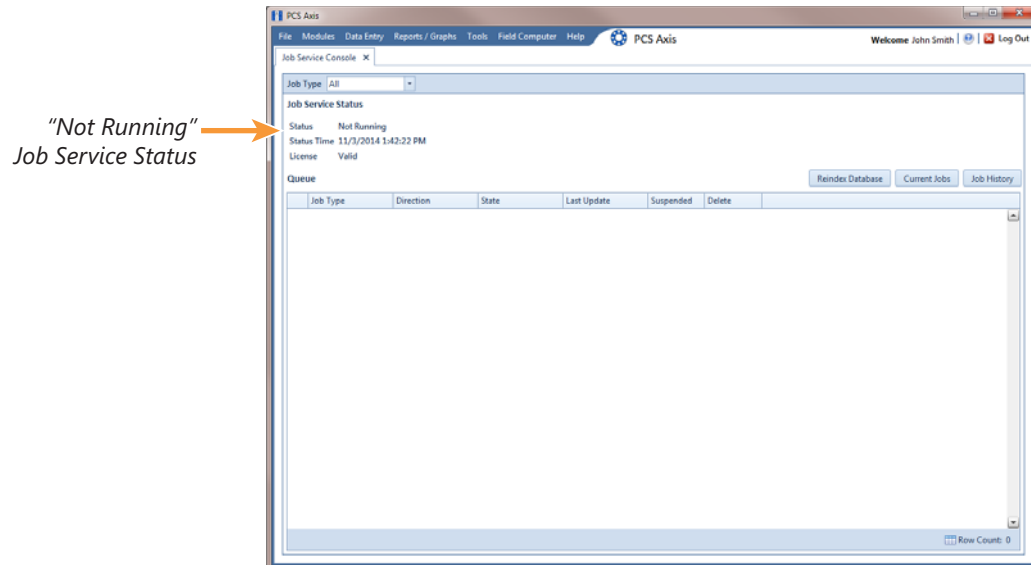









Figure 11-3. Job Service Status

Complete the following steps to verify connection settings are correct and restart the PCS Axis Job Service:

- 1 Start *PCS Axis Connection Manager* and verify connection settings specify the correct server and database as follows:
 - a Click the Windows **Start** button  and navigate to the program folder labeled *PCS Axis 1.9*. Select **PCS Axis Connection Manager 1.9** to start the program (Figure 11-4, page 570).
 - b Verify the server name is correct in the **Server** field and the database name is correct in the **Database** field. If either is incorrect, click  **Select** in the **Server** field to select the correct server or click  **Select** in the **Database** field to select the correct database.
 - c Verify the **Connection String** field includes the correct server and database name.

- d Click  **Save** and then click  **Test** to verify connection settings. When connection settings are correct, the message *Connection successful* displays. Click  **OK** to close the message and then click  **Close** to exit PCS Axis Connection Manager.

IMPORTANT: If connection settings are incorrect, contact your company's Database Administrator or IT Administrator for the name of the correct server and database. The information will then need to be set in *PCS Axis Connection Manager* using the steps in this procedure.

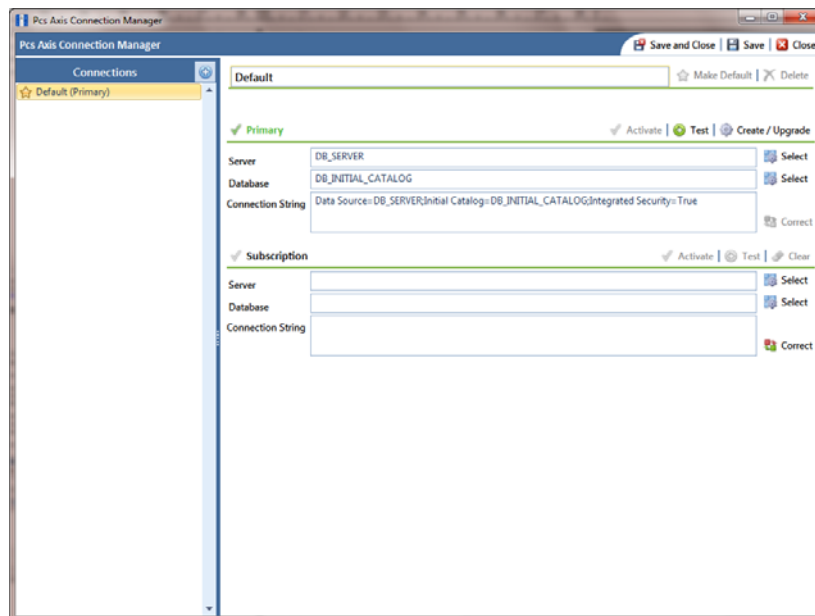



Figure 11-4. PCS Axis Connection Manager

- 2 If the PCS Axis database and PCS Axis Job Service are installed on two different network servers, complete the following steps to set up a user account to log on as a service. The user account must be a member of the *Axis_Users* group and have access to the central database server and PCS Axis database.
 - a Click the Windows **Start** button  and navigate to *Computer*. Right-click **Computer** and select **Manage** in the shortcut menu to open the *Computer Management* console (Figure 11-5, page 571).
 - b Double-click **Services and Applications** in the left pane of the console. Then click **Services** to display a list of services in the middle pane.

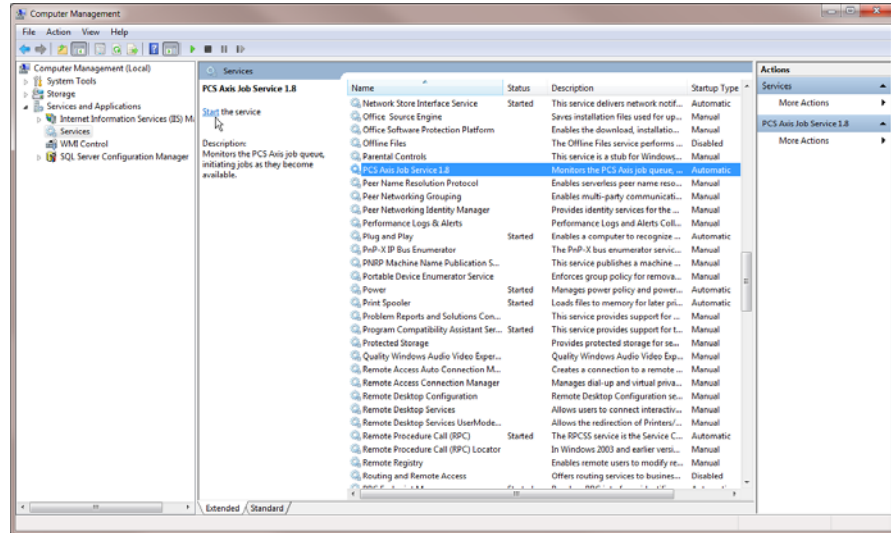


Figure 11-5. Computer Management Console

- c Right-click **PCS Axis Job Service 1.9** (Figure 11-7) and select **Properties** in the shortcut menu to open the *Properties* dialog box (Figure 11-6).

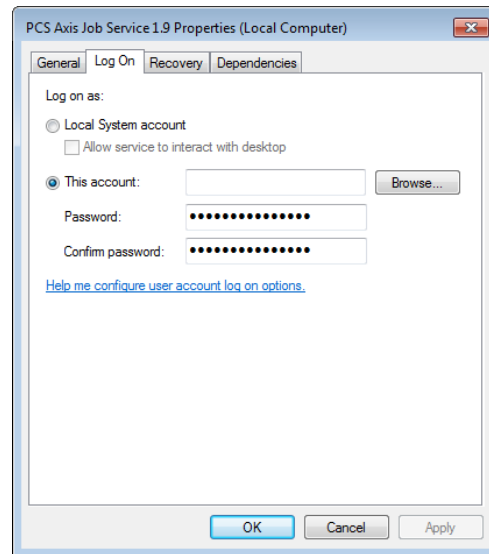


Figure 11-6. PCS Axis Job Service Properties

- d Click the **Log On** tab and select the option **This account**. To set up a user account to log on as a service, type the user name and password in the appropriate fields. You can also view a list of appropriate user accounts by clicking *Browse > Advanced > Find Now*.
- e Click **Apply** and then **OK** to close the *Properties* dialog box and return to the *Computer Management* console.

- 3 Complete the following steps in the *Computer Management* console to restart the PCS Axis Job Service:
 - a Select **PCS Axis Job Service 1.9** and then click **Start** (Figure 11-7).
 - b Click **File > Exit** to close the *Computer Management* console.
 - c In PCS Axis, verify the message *Running* displays in the *Status* field of the Job Service Console (Figure 11-3, page 569).

IMPORTANT: If the PCS Axis Job Service does not start, contact PCS Technical Services using the contact information in section titled *Technical Support* (page 25).

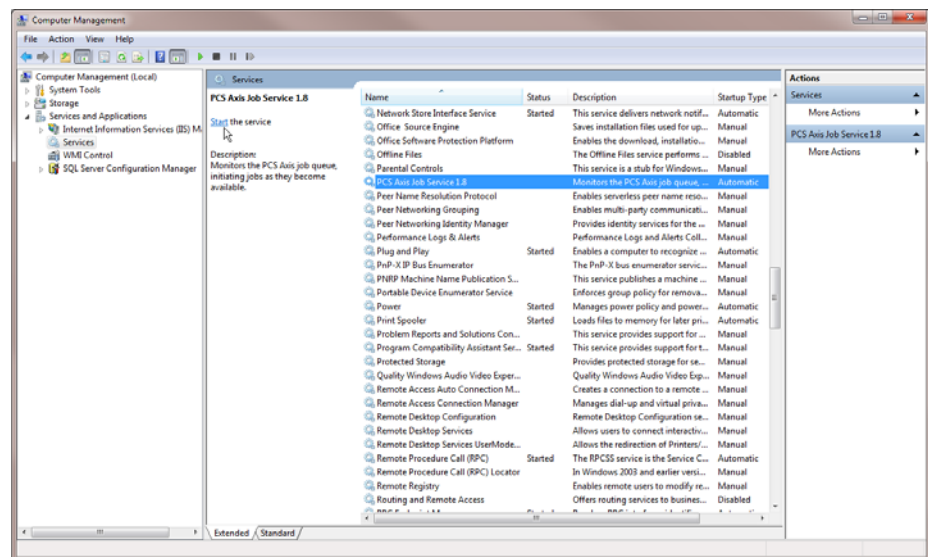


Figure 11-7. Computer Management Console

Related Topics

- Activating Bridge Import for Operation
- About Job Service Viewer
- Viewing Current and Past Jobs