

# Outputs

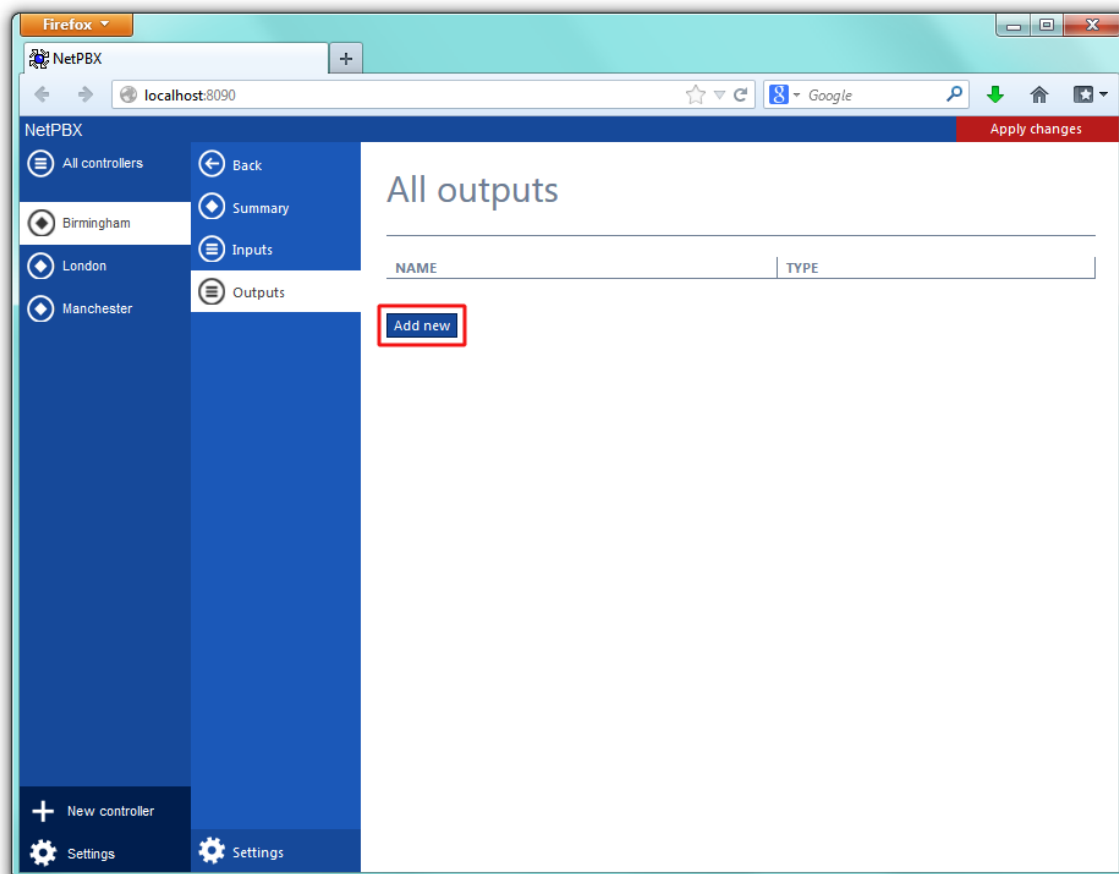
An **Output** is the system object that delivers the collected call logging data to a specified location.

## Outputs

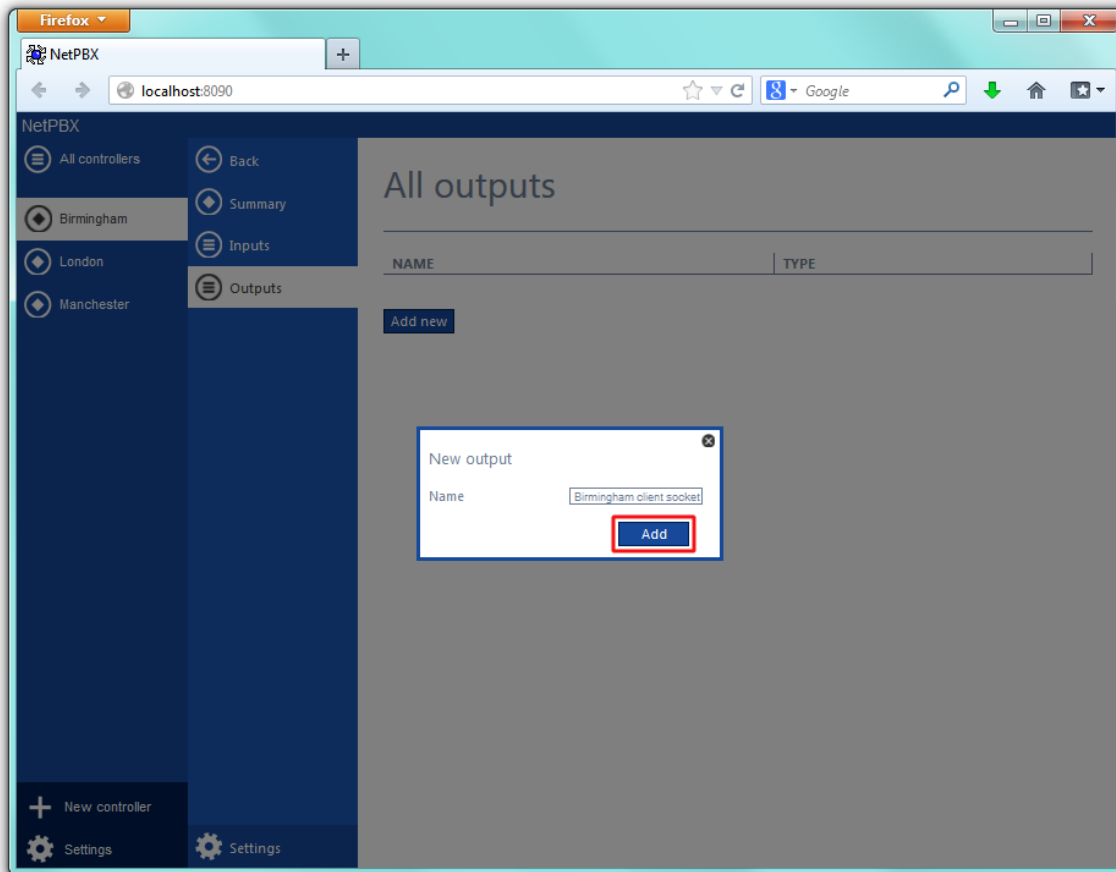
- ☒ Adding an output
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## Adding an output

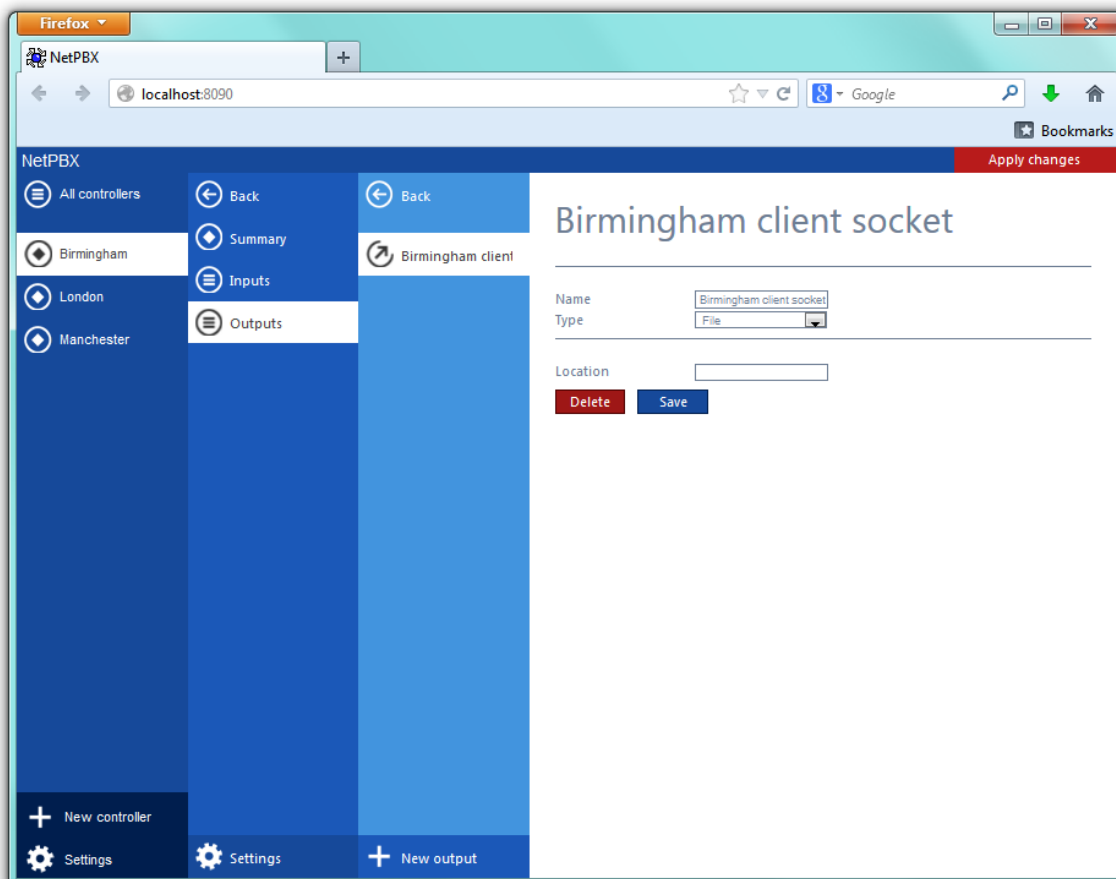
To add a data output, click on the **Add new** button from either the *Summary* or the *Inputs* screen, as shown below:



A new window will open, allowing you to name the data output. Click on the **Add** button to add the output to the system, as shown below:

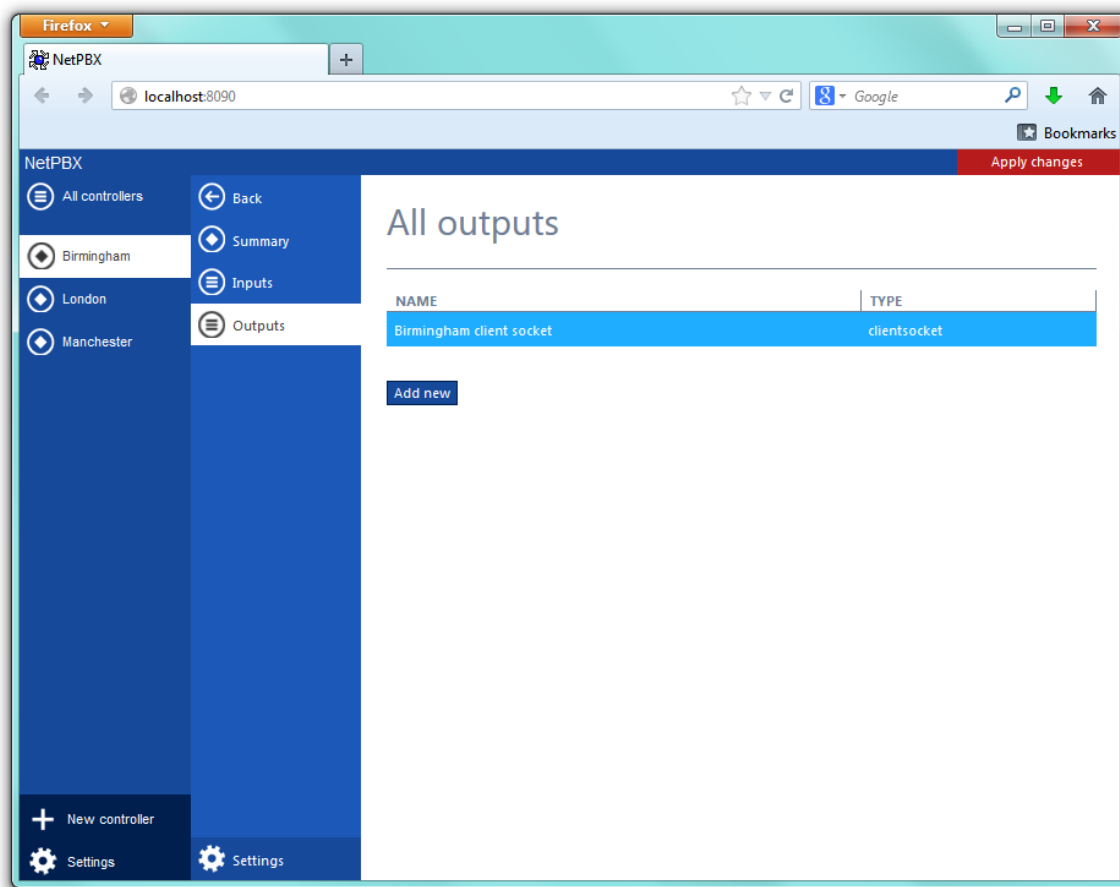


The output-configuration screen will be displayed. For information on how to configure these settings, refer to the [Configuring an output](#) section below.

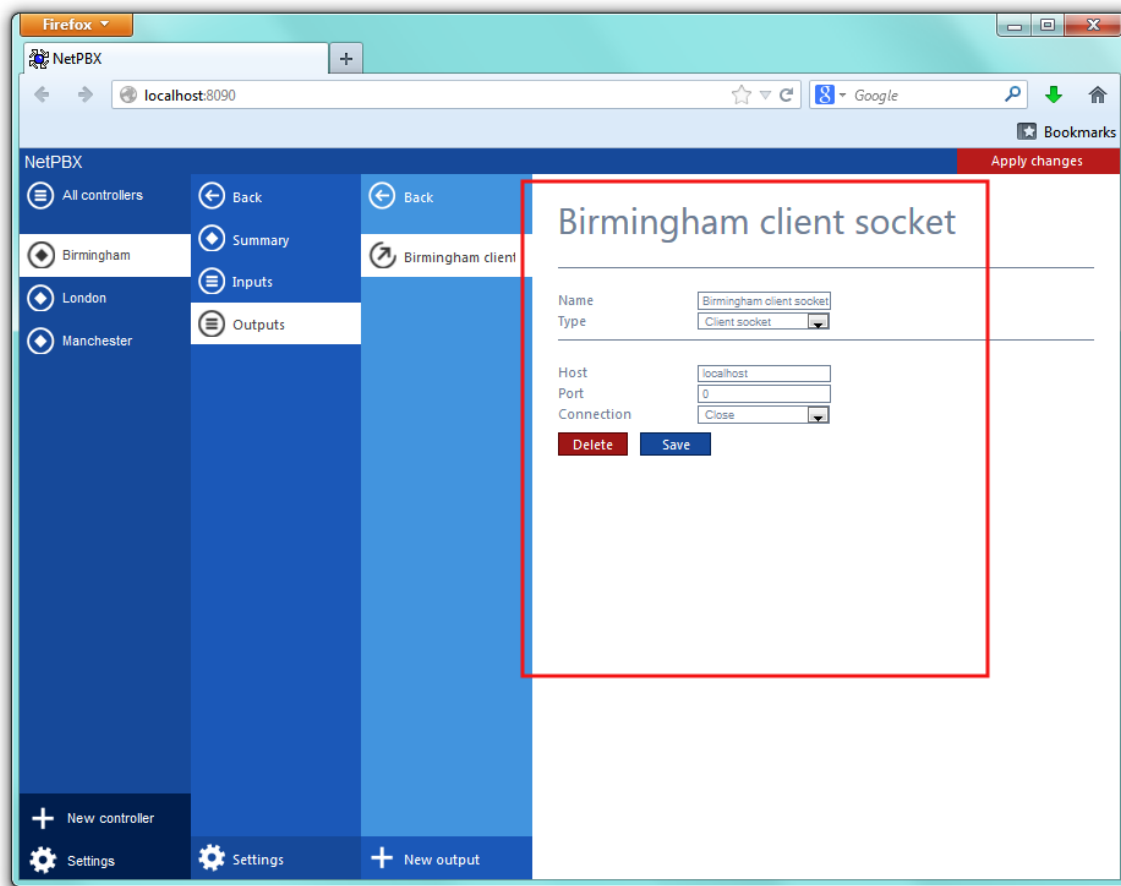


## Configuring an output

To configure a data output, select it from the `All outputs` list, as shown below:



A new window will open on the right-hand side panel, allowing you to configure the settings of your data output:



The settings displayed in this window will be described below:

## Name

The **Name** field allows you to view or edit the name of the selected output. To rename, overwrite the current entry.

## Type

The **Type** field allows you to select the method you want to use when delivering the call logging data to an output location. The following methods are supported:

- File
- HTTP Post
- Serial port
- Client socket

## Output types

### File

This method opens a file and creates or appends buffered data.

---

Name

Type

---

Location

Field	Description
Location	<p>The name of the file to output data to. If the location doesn't exist, an attempt is made to create it, including the path. The following variables are replaced:</p> <p>{app} - The path to the location of the application's data folder, e.g. C:\ProgramData\Tri-Line\NetPBX.</p>

## HTTP Post

This method allows you to deliver data to a running instance of TIM Plus or TIM Enterprise by way of an HTTP POST. The HTTP headers include the datasource information required for the receiving application to identify the source of the data.

---

Name

Type

---

Protocol

Host

Port

Username

Password

Data source

Field	Description
Protocol	The protocol to use when constructing the URL of the target server to send data to
Host	The IP address or hostname where the receiving HTTP server is listening

<b>Port</b>	The port number to which the target HTTP server is bound
<b>Username</b>	The username required to access the target server
<b>Password</b>	The password required to access the target server
<b>Data source</b>	The UIV of the PBX datasource object in the target application, which will be deemed to have created the source data

## Serial port

This method opens a serial (RS-232) port and sends any received data to it.

Name
Birmingham client socket

Type
Serial Port

Port name
No Serial port found

Baud rate
9600

Parity
None

Data bits
8

Handshake
None

Buffer size
8192

Stop bits
1

Write timeout
500

Delete
Save

Field	Description
<b>Port name</b>	The name of the serial port device, e.g. COM 1, COM 2
<b>Baud rate</b>	The serial port's speed
<b>Parity</b>	The parity check regime <ul style="list-style-type: none"> <li><b>none</b> - no parity checking is performed</li> <li><b>odd</b> - odd bits parity checking is performed</li> <li><b>even</b> - even bits parity checking is performed</li> </ul>
<b>Data bits</b>	The number of data bits, between 5 and 8
<b>Handshake</b>	The type of handshake the serial port requires: <ul style="list-style-type: none"> <li><b>none</b> - no handshake required</li> <li><b>rts</b> - Request to Send</li> <li><b>xonxoff</b> - X-On/X-Off</li> <li><b>rtsexonxoff</b> - either RTS or X-On/X-Off is used</li> </ul>
<b>Buffer size</b>	The size of the serial port's data buffer
<b>Buffer threshold</b>	The size that the buffer must first reach before being empty
<b>Stop bits</b>	The number of stop bits used

## Client socket

Creates a momentary TCP client socket connection to a remote TCP server.

Name

Birmingham client socket

Type

Client socket

Host

localhost

Port

0

Connection

Close

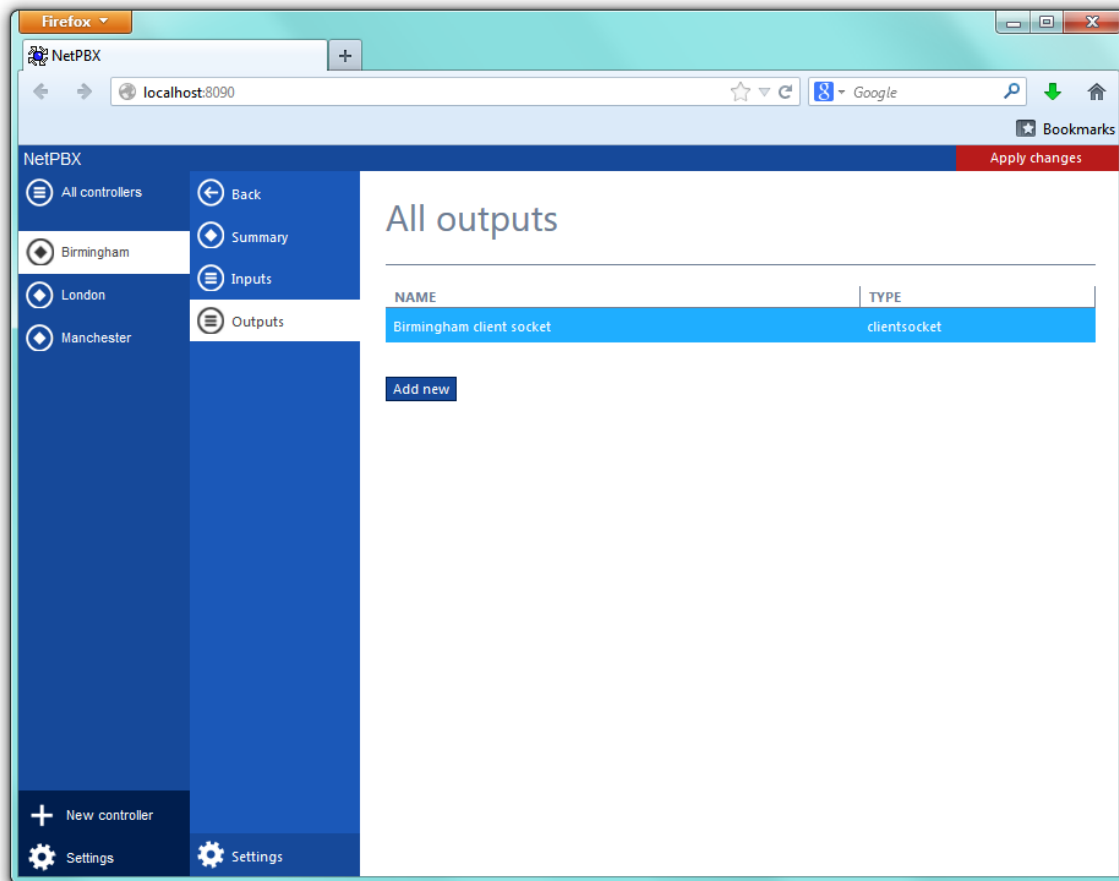
Delete

Save

Field	Description
Host	The IP address or hostname of the remote TCP server
Port	The TCP port number to which the remote TCP server is bound
Connection	Determines the behaviour of the connection: <ul style="list-style-type: none"><li>close - creates and closes the connection every time data is sent</li><li>keepalive - creates a connection at startup, then sends any data over the existing connection</li></ul>

## Deleting an output

To delete a data input, select it from the `All outputs` list, as shown below:



A new window will open on the right-hand side panel. Click on the **Delete** button to remove the output from the system, as shown below:

