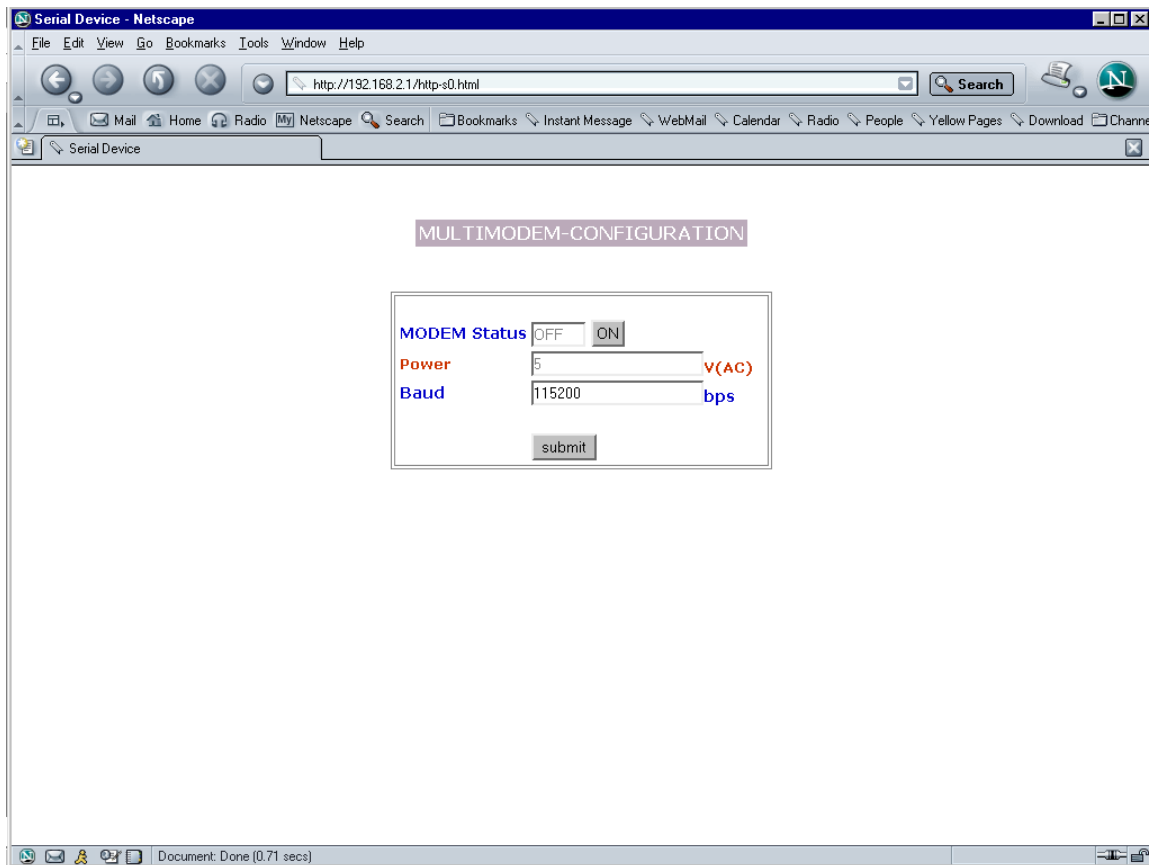


A SAMPLE HTTP TEMPLATE

The sample HTTP template below is a simple modem configuration and monitoring interface, which allows the user to:

- Set the modem baud rate
- Switch the modem ON or OFF
- Display the input power (not editable).



UPLOAD FILES – Onto the SocketEthernet IP Module

1. http-host-param

The Parameter List contains the information of the serial device (modem). In this example, the modem status, power and baud parameters form the Parameter List.

The form of this file is: **P<n>:Description:Type:Minimum:Maximum:<Data>**

Refer to **Appendix A - HTTP Server** in the current SocketEthernet IP User Guide (Manual Number S000278D) for more details about the Parameter List.

Example:

```
P0:ModemStatus:S:0:5:ON
P1:Power:I:0:20:9
P2:Baud:I:0:230400:57600
```

File Upload Procedure:

tftp 192.168.2.1 (IP-Address of the IP-Module)

```
tftp> verbose
tftp> binary
tftp> trace
tftp> put http-host-param
```

2. http-s0.html

The **embedded Web page** stored on the SocketEthernet IPModule consists of a normal ASCII text HTML code, which can be generated using any HTML editing tool. The page can include scripts, links to remote Web sites, graphic images, text files, etc.

The OEM Web page must contain the **Parameter Tags**, which are the placeholders in HTML files. These tags are replaced on the fly with real-time values when the page is sent to the browser. The value of the parameter tags also can be changed through the browser in order to configure the host through the SocketEthernet IP module.

The developer should ensure that the parameter values, which are to be replaced, are qualified with **%P<n>%**.

```
<html>
<head>
<title>Serial Device</title>
<meta http-equiv="Refresh" content="20; URL=http-s0.html">

<style type="text/css">
.tablestyle{
  FONT-WEIGHT: bold;
  FONT-SIZE: 14px;
  COLOR: RGB(0,0,202);
  FONT-FAMILY: Verdana;
}
```

```

.heading{
  FONT-WEIGHT: bold;
  FONT-SIZE: 16px;
  COLOR: #FFFFFFF;
  FONT-FAMILY: Verdana
}
</style>

<script language="javascript">
  function MODOnOff()
  {
    if (document.frmMOD2.btnOnOff.value == "OFF")
    {
      document.frmMOD2.btnOnOff.value = "ON";
      document.frmMOD2.txtMOD.value = "OFF";
    }
    else
    {
      document.frmMOD2.btnOnOff.value = "OFF";
      document.frmMOD2.txtMOD.value = "ON";
    }
  }

  function whileLoading()
  {
    if (document.frmMOD2.txtMOD.value == "ON")
      document.frmMOD2.btnOnOff.value = "OFF";
    else
      document.frmMOD2.btnOnOff.value = "ON";
  }
</script>
</head>

<body onLoad="whileLoading()">
<BR><BR>
<table class="heading" align="center"
  bgcolor=BBAABA><tr><td>
    MULTIMODEM-CONFIGURATION
  </td></tr>
</table>
<br><br>
<table align="center" class="tablestyle" border=1>
<tr><td>

<form method="POST" name="frmMOD2" action="/cgi-bin/post-query">
<table class="tablestyle" align="left">
<tr>
<td>MODEM Status</td>
<td><input disabled type="text" id="txtMOD" name="P0" value="%P0%" size=5>

<input type="submit" value="OFF" id="btnOnOff" size=30 onClick="MODOnOff()">
</td></tr>

<tr>
<td><font size=2 color=CC3300>Power</td>

```

[illegible]

Notes:

The parameters P0, P1 and P2 are qualified with **"%P0%", "%P1%", "%P2"**. These parameter values are replaced with the ones stored in the **"http-host-param"** on the fly.

File Upload Procedure:

tftp 192.168.2.1 (IP-Address of the IP-Module)

```
tftp> verbose
tftp> binary
tftp> trace
tftp> put http-s0.html
```