



**Purpose: To create a Static Port Mapping for remote management of privately addressed devices behind the NSE.**

**Step 1: Create a Device entry in the Subscriber database.**

**Add a Subscriber Profile to the Database**

Subscriber    Device    Group Account

Proxy Arp For Device    Enable

802.1Q Device Port      Only if device and Port-Location is 802.1Q two-way

MAC Address  

IP Address  

Subnet  

Username  

User Definable 1  

User Definable 2  

Max Upstream Bandwidth    Kbps

Max Downstream Bandwidth    Kbps

QoS Policy  

SMTP Redirection    Enable   Note: Global SMTP Redirection must be enabled for subscriber SMTP Redirection to take effect, see SMTP page under Configuration options



## Step 2: Create the Port Mapping

### Add Static Port-Mapping Entries

Internal Address/Internal Port (MAC Address) <-> External Address/External Port --> Remote Address/Remote Port Protocol

\* External ports are protected by the IP-based Access Control

**Note:** It is possible that ports in 1024 - 5000 range are in internal use by the gateway. If mapping external ports in this range, please be sure to reboot the gateway for the settings to take effect

Internal IP Address	<input type="text" value="208.50.30.182"/>	
Internal Port	<input type="text" value="80"/>	
MAC Address	<input type="text" value="005099b508"/>	
External Port	<input type="text" value="6080"/>	Valid range: 1024 - 65535
Remote IP Address	<input type="text"/>	Optional - Leave blank (zero) if you want to connect to the internal device from <b>any</b> network side workstation.
Protect with Source IP-based Access Control	<input type="checkbox"/> Enable	Requires ACC to be enabled to function properly.
Remote Port	<input type="text" value="0"/>	Optional - Leave blank (zero) if you want to connect to the device from <b>any</b> TCP/UDP port of a network side workstation.
Protocol	<input type="text" value="TCP"/>	

**Note:** Please make sure that the device with the Internal IP address has been added to the subscriber's table.

In this example, to connect to this device using a web browser, you would enter `http://NSE's _IP_address:6080`.

If you have Source IP-based Access Control enabled, by enabling Protect with Source IP-based Access Control your static port mappings can only be accessed by devices with IP addresses in the Access Control List.