

## Spectrum Enterprise SIP Trunking Service NEC SV8100/9100 IP PBX Configuration Guide

### About Spectrum Enterprise:

Spectrum Enterprise is a division of Charter Communications following a merger with Time Warner Cable and acquisition of Bright House Networks. Spectrum Enterprise is a national provider of scalable, fiber technology solutions. The Spectrum Enterprise portfolio includes networking and managed services solutions, including Internet access, Ethernet and Managed Network Services, Voice, TV and Cloud solutions. Our industry-leading team of experts works closely with clients to achieve greater business success.

### About this document:

Spectrum Enterprise assures IP PBX compatibility by conducting interoperability testing to ensure any potential compatibility issues have been resolved prior to installation. Please review the IP PBX configuration instructions in this guide prior to your installation date.

Be advised that this document may contain references to Charter or Charter Business. All references to Charter should be read as Spectrum Enterprise.

**Thank you,**

**Spectrum Enterprise**

# NEC SV8100/9100 IP PBX Configuration Guide



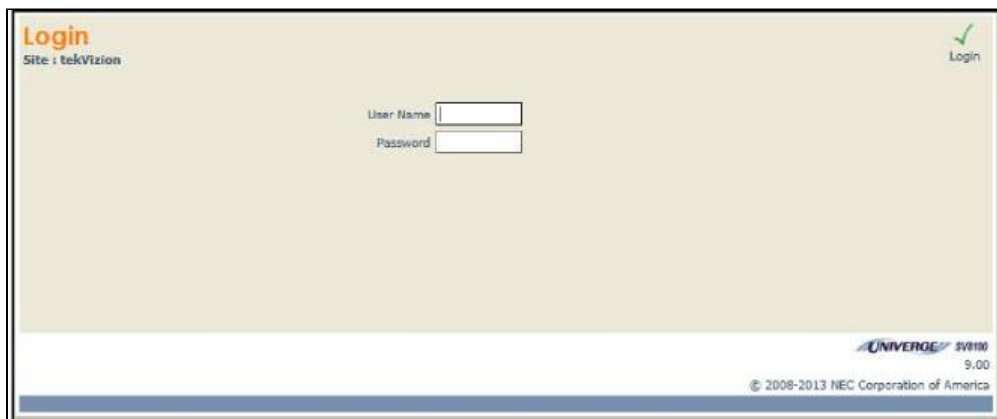
## 1 Introduction

The document describes how to configure the NEC SV8100 IP PBX to interoperate with the Charter network. It does not provide any information how to provision, configure or use the features of the IP PBX. Please refer to the documentation provided with the IP PBX or contact the vendor.

## 2 Trunk Profile Configuration

Follow the step-by-step procedure to add a trunk profile.

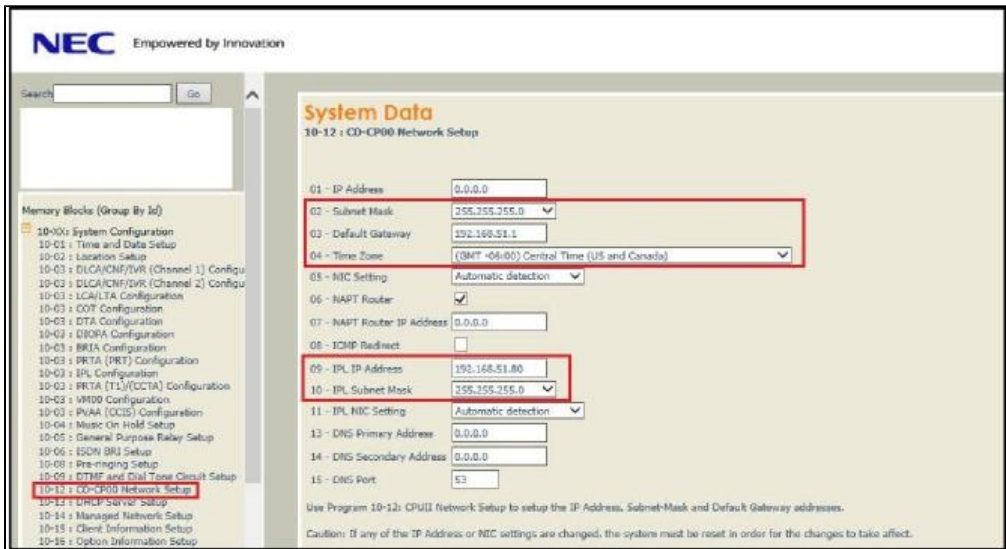
Step	Action	Result
1	Login to the SV8100 via a web browser	The Home screen opens
2	Go to the next table.	



Step	Action	Result
1	In the Home screen Click <b>System Configuration</b> icon.	System Data screen opens.
2	Go to the next table.	



Step	Action	Result
1	In the Memory Block menu, Click on memory block <b>10-12</b>	The System Data screen opens for block 10-12.
	Add/change the following parameters:  Subnet mask: <b>255.255.255.0</b>  Default Gateway: <b>192.168.51</b>  Time Zone: <b>(GMT -06:00) Central Time</b>  IPL IP Address: <b>192.168.51.80</b>  IPL Subnet Mask: <b>255.255.255.0</b>	
2	Procedure completed.	





## 3 Trunk Configuration

Follow the step-by-step procedure for trunk configuration:

Step	Action	Result
1	In the Memory Block menu, Click on memory block <b>10-28</b>	The System Data screen opens for block 10-28.
	Add/change the following parameters: Domain Name: <b>Add appropriate domain name</b> Host Name: <b>Add appropriate host name</b> Transport: <b>UDP</b> User ID: <b>Add appropriate user ID</b> Domain Assignment: Select <b>IP Address</b> IP Trunk Port Binding: <b>Unchecked</b>	
2	Go to the next table.	

Step	Action	Result
1	In the Memory Block menu, Click on memory block <b>10-29</b>	The System Data screen opens for block 10-29.

	<p>Add/change the following parameters:</p> <p>Outbound Default Proxy: <b>Checked</b></p> <p>Inbound Default Proxy: <b>Unchecked</b></p> <p>Default Proxy IP Address: <b>192.168.51.82</b> (LAN side IP address of e-SBC)</p> <p>Default Proxy Port: <b>5060</b></p> <p>Register Mode: <b>None</b></p> <p>Registrar IP Address: <b>0.0.0.0</b> Registrar Port: <b>5060</b></p> <p>DNS Mode: <b>Unchecked</b></p> <p>DNS IP Address: <b>Appropriate DNS IP address</b></p> <p>DNS Port: <b>5060</b></p> <p>Registrar Domain Name: <b>Blank</b></p> <p>Proxy Domain Name: <b>Blank</b></p> <p>Proxy Host Name: <b>192.168.51.82</b> (LAN side IP address of the e-SBC)</p> <p>SIP Carrier Choice: Select <b>"Default"</b></p> <p>Registration Expiry Time: <b>3600</b> Register</p> <p>Sub Mode: <b>Unchecked</b></p> <p>DNS Source Port: <b>53</b></p>	
2	Procedure completed.	

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