**Technical FAQs** 

## How to configure the VPN on a Factorycast Gateway module.

## Goals and Symptoms

How to configure the VPN connection on a Factorycast Gateway module.

## Facts and Changes

TSXETG3021 and TSXETG3022

## Causes and Fixes

The following steps can be used to configure a 'VPN' connection on a Factorycast Gateway module (i.e., 'TSXETG3022').

Open a web page tot he 'TSXETG3022'. Click on 'Setup. Click on IP configuration. Configure the IP address parameters for the module. Apply the changes. Reboot the 'TSXETG3022'.



Configure the modem settings (i.e., see example below.)

Apply the changes.



Click on 'Modem' from the 'Setup' web page.

Click on 'PPP Security'.

Click on the check box named 'VPN enable'.

Configure the 'Remote address' parameters (see example shown below).

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'Greenbow VPN Client' configuration.

Download the 'Greenbow VPN Client' software from 'http://www.thegreenbow.com/vpn.html'.

Install the 'Greenbow VPN Client' software.

Open the 'Greenbow VPN Client' software.

Configure the 'TSXETG3022' authentication (see example shown below) using the

respective address and authentication information for your application.

Configure the IKE settings for the 'TSXETG3022' as shown below for 'Greenbow VPN Client version 5.1'.

😚 TheGreenBow VPN Client		_ 🗆 🗙
Configuration Tools ?		
THEGREENBOW		IPSec VPN Client
Save Apply	ETG: Authentication Authentication Advanced Certific Addresses Interface Remote Gateway Authentication Preshared Key Confirm Certificate	Any
	Encryption Authentication Key Group	DES  SHA-1 DH2 (1024)
VPN Client ready		

Configure the IPSEC address paramters for the 'TSXETG3022'.

Configure the ESP settings for the 'TSXETG3022' as shown below for 'Greenbow VPN Client version 5.1'. Apply the changes.

Start the 'Greenbow VPN client'.

TheGreenBow VPN Client		□ ×
Configuration Tools ?		
THEGREENBOW		
	IPSec VPN Cli	ont
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Save Apply	ETG3022: IPSec	
VPN Configuration	IPSec Advanced Scripts	
ETG	Addresses	
ETG3022	VPN Client address 10 . 10 . 0 . 10	
	Address type Subnet address	
	Remote LAN address 192 . 168 . 1 . 0	
	Subnet mask 255 . 255 . 0	
	ESP	
	Encryption 3DES	
	Authentication SHA-1	
	Mode Tunnel 💌	
	PFS	
	FS Group	
VPN Client ready		

Verifying the VPN establishment of the connection.

Use the 'Greenbow console' for showing the status of the VPN connection as it is getting established.

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Save	Stop	Clear	Reset IKE					
[VPNCONF] TG	BIKE_STARTED	eceived	alare 1 Maia M					
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· Open the 'TSXETG3022' Diagnostic web page.

Click on 'Diagnostics'.

Click on 'VPN' under 'PPP Modem'.

An established connection will be shown as opened in the 'VPN Connections' table..

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Serial Line	4						
TCF/IF Messaging	5						
PPP/Modem	6						
Statistics Log File	7						
VPN Stand-by	8						
FDR Statistics	_						
NTP							
MIB Upload	-						
Device Explorer							
			© 2000-20	006 Schneider Electric. All	Rights Rese	erved.	
Done							1

To view the modem statistics,

Click on 'Statistics' under the topic 'PPP Modem' in the 'Diagnostics' web page.



To configure the VPN tunnel using the 'dyndns.org' hostname as the remote address, use the following example for the 'PPP Security' web page settings.

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