TECH ARTICLE

Date: 14/11/2007
Revision Date (6 months max): N/A

Topic / Issue: How to VPN tunnel multiple LAN networks between 2 IP505DVs

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The following will explain how to configure your IP505DV to support IPSEC Tunneling of more than 1 LAN IP address range.

1)
Configure the Routing Table first.
As the IP505DV is cannot multihome, you will need a LAN router on the end that supports more than one IP address range.
This could be any Windows Server System, or Linux, or a hardware device.
To support more than one IP range, you would probably already have this in place.
In the IP505DV routing Table, enter the remote network and the Gateway. The Gateway being the router on your LAN that connects both networks. Use the IP505DV Network Diagnostics, ping function to ensure a node on both networks is reachable..

2)
Make sure that the LAN routers default Gateway is the Local IP505DV..

3)
You will then need to create 2 VPN policies. On the side with 2 LAN IP ranges.

Local Subnet Address		Remote Subnet Address Range:
192.168.0.X	<-->	10.0.0.X
and		
192.168.1.X	<-->	10.0.0.X

The Remove VPN end Point will be the same for both Policies.

4)
The IP505DV will then match the Source and Destination Addresses, to determine which policy is used to send the Data.
When Data is received by the IP505DV that has 2 LAN IP address ranges, it will either forward the data directly, or it will forward it to the Lan Router.

Summary:
(If required)