Quick Start Guide

Smart Network Access System

This document applies to hardware part numbers SNAC1-AC/DC, SNAC2-AC/DC, SNAE-RJ6/SF6, SNAM-RJRJ6/RJSF6/MCRJ6/MCSF6/MPRJ6/MPSF6/SCRJ6/SCSF6/SPRJ6/SPSF6 and firmware revision 3.00.0055.

1. Unpack the Box & Install the Chassis

Depending on the type of chassis and the type of installation method you are using, the process will differ. Please refer to the SmartNA™ System User Guide for detailed instructions on how to install the chassis.

2. Insert SmartNA™ Modules into the Chassis

While SmartNA™ modules and trays are manufactured to be durable, care should always be taken when inserting them into the chassis. Make sure the faceplate of the SmartNA™ module is flush with the chassis.

3. Connect the Supply Power to the Chassis

There are two power supply options available with each chassis. Only one is necessary for the unit to function. Choose the power option which will best suit your needs and connect it to the chassis and the outlet. For full details please consult the SmartNA™ System User Guide.

4. Connect to the Management Port

If you are using a 1U or 2U chassis, configuration & management of the whole system is via port B of the control module.

If you are using a portable chassis, configuration & management of the module is via the management port on the rear of the unit.

If you are using a 1U or 2U chassis without a control module, configuration & management is individually via port D of each module.

5. Download & Run the Locator Tool

The locator tool is a small Windows® program that will search for SmartNA™ systems on your network. To download the program visit www.networkcritical.com and navigate to Support > SmartNA Tools.The locator software will detect SmartNA™ systems present within the current broadcast domain only.

The default IP address of the SmartNA™ system is 192.168.254.100.

It may be necessary to manually set the IP address of the host computer that is being used to configure the SmartNA™ system. Any address from the 192.168.254.xxx subnet may be used.

If you are connecting to multiple SmartNA™ systems, it may be necessary to clear the host interface's Address Resolution Protocol (ARP) cache before a logical connection can be established.

7. Connect & Login to the SmartNA™ System

Once the IP address of the desired module has been obtained, establish a Telnet TCP/IP connection to the module by using the SmartNA™ system's IP address and the default TELNET port 23.

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Network Critical Smart Network Access Controller
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Username:admin
Password:*****

Welcome to the Smart Network Access System [3.00.0055]

CONTROLLER>
```

When logging in for the first time, you will need to use the default username and password below.

Please note: All usernames and passwords are case-sensitive.

Username: admin Password: admin
Username: user Password: user

8. SmartNA™ System Command Line Interface CLI

When you successfully log into the SmartNA™ system the command line prompt will say CONTROLLER> to indicate that any commands entered will be executed on the controller module.

Enter 'show system' to see the system overview.

Enter 'select slot #' to move the prompt to a different slot.

Enter '?' or 'help' to show the list of commands that can be executed at the current prompt.

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Help | ?            Displays the command summary
Clear Counters      Clear port based byte counters
Exit | Quit         Terminates the telnet session
Reset | Reboot      Resets Module to last saved configuration
Save                Make any changes permanent
Select Slot <#>     Select slot# to manage a module
Select Controller   Return to controller to manage system
Set <Function>      Set a system function or attribute
Show <Feature>      Show the current feature value/state
Test <Feature>      Test a system feature
```

```
Show?               Displays help for the Show commands
Show Config         Display the hardware configuration - COPPER, RELAY, ETC
Show Counters [#]   Display the port byte counters
Show Errors [#]     Display the port error counters
Show Map            Display the data traffic mapping
Show Mode           Display the module mode settings
Show Port <PORT LIST>      Display the current state of the port(s) selected
Show SN             Display the module Serial Number and MAC
Show Ver            Display the module firmware version
```

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Set?                                Displays help for the Set commands
Set Device Name <STRING>            Set the device name seen in Locator
Set Echo <STATE>                    Toggles whether text is echoed
Set IP <IP Address>                 Set the IP Address
Set Netmask <IP Address>            Set the Netmask
Set Gateway <IP Address>            Set the Gateway Address
Set Address <ADDRESS MODE>          Set the Address Mode - Static, DHCP, AutoIP
Set HTTP <STATE>                    Turn HTTP interface on or off
Set Locator <STATE>                 Turn Locator interface on or off
Set Map <PORT>-><PORT LIST> <STATE>     Map traffic between ports
Set NTP <STATE>                     Turn NTP interface on or off
Set SNMP <STATE>                    Turn SNMP interface on or off
Set SNMP Put <STATE>                Enable or disable SNMP puts
Set TFTP <STATE>                    Turn TFTP interface on or off
Set <ACCOUNT> Password              Set the account password
Set <ACCOUNT> Username              Set the account login name


Set TAP1          Breakout TAP Mode
Set TAP2          Aggregating TAP Mode
Set TAPSPAN       Set A,B TAP, C SPAN Input all to D Monitor
Set SPAN1         Set A,B SPAN Inputs
Set SPAN2         Set A SPAN Input to B,C,D Monitor
Set SPAN3         Set A SPAN Input, B LAN and C,D Monitor
Set SPAN4         Set A,B,C SPAN Inputs to D Monitor
Set BPA1E         Set A,B TAP, C Local Aggregate & Backplane E Aggregate to D
Set BPA1F         Set A,B TAP, C Local Aggregate & Backplane F Aggregate to D
Set BPA2E         Set A,B TAP and Backplane E Aggregate to C,D
Set BPA2F         Set A,B TAP and Backplane F Aggregate to C,D
Set BPA3E         Set A,B SPAN, C Local Aggregate & Backplane E
Set BPA3F         Set A,B SPAN, C Local Aggregate & Backplane F Aggregate to D
Set BPA4E         Set A,B SPAN and Backplane E to C,D
Set BPA4F         Set A,B SPAN and Backplane F to C,D
Set BPA5E         Set A SPAN to B,C,D,E
Set BPA5F         Set A SPAN to B,C,D,F
Set BPA6E         Set E Backplane to A,B,C,D
Set BPA6F         Set F Backplane to A,B,C,D
Set BPA7E         Set A,B TAP, Backplane E Aggregate to C & Local
Set BPA7F         Set A,B TAP, Backplane E Aggregate to C & Local
Set FE-AGG        Set basic configuration to Fast Ethernet Aggregation
Set GE-BRE        Set basic configuration to Gigabit Ethernet Breakout
Set GE-AGG        Set basic configuration to Gigabit Ethernet Aggregation
Set FE-BRE        Set basic configuration to Fast Ethernet Breakout


Set AutoLock <PORT LIST> <STATE>  Set Auto Locking when Link Lost
Set BI <MONITOR PORT> <STATE>     Set Bidirectional (BI) on or off for C or D
Set Failsafe <PORT PAIR> <STATE>  Turn AB or CD Failsafe on or off
Set LFP <PORT PAIR> <STATE>       Set Link Failure Propagation (LFP) on or off
Set LinkLock <PORT PAIR> <STATE>  Set LinkLock on or off
Set Lock <PORT LIST> <STATE>      Set Lock on to disable port
Set Map <PORT>-><PORT LIST> <STATE>     Map traffic between ports
Set Port <PORT LIST> <ATTRIBUTE>  Set the port attribute


Clear Counters?                   Displays help for the Clear Counters command
Clear Counters <PORT LIST>        Clear the byte counters for the port(s)
```

[#] denotes a number value. For example, entering the command 'Show Counters 30' would display the counters every 30 seconds.

<ACCOUNT> denotes the user account. For example, entering the command 'Set user Username' would then prompt for a new username.

<ATTRIBUTES> 100, 1000, AUTOSPEED, HALF, FULL, AUTO DUPLEX, MDI, MDIX, AUTO MDI

<PORT> denotes any of the ports A B C D E or F

<PORT LIST> denotes any combination of ports separated by commas and without spaces. For example, entering the command 'Show Port A,C,D' would display the current state of ports A,C and D but would not display port B status.

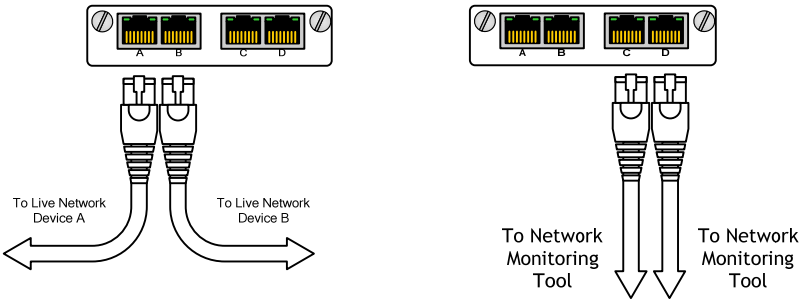
<PORT PAIR> denotes a pair of ports. For example AB or CD or ABCD

<STATE> denotes either: ON, ENABLE or 1
OFF, DISABLE or 0

<STRING> denotes any combination of alpha or numeric characters

9. Install the SmartNA™ Module(s) to your network

Connect ports A & B to your live network devices and connect ports C & D to your network monitoring tools.



Need Help?

Consult the full version of the Smart Network Access User Guide containing complete installation information along with helpful hints to get your new hardware up and running.
Visit NetworkCritical.com, navigate to Support > Document Library.

Contact Network Critical Support

In the US: (716) 558-7280 support-us@networkcritical.com

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