Technical Note



Updating NV9000 Software

Introduction

This document details updating NV9000 system software from any version greater than version 4.6. The system will be offline for less than half an hour, typically ten to fifteen minutes.

If you have a redundant system, you will follow the same procedure on your secondary server (NVCONFIG2) that you do on the primary server (NVCONFIG).

Updating the Software

(Windows XP Embedded is assumed.)

1 Log onto the NV9000 system controller.

In NV9000-SE Utilities, choose 'System Management' in the navigation pane. In the 'System Management' page, check 'Controller 1' (and 'Controller 2' if it is present) and click the red 'Stop' button.

Close all other applications using the Windows Task Manager.

2 In the Windows 'Start' menu, navigate to Settings > Control Panel. In the window that appears, choose 'Add or Remove Programs'.

Find 'NV9000 Control System' in the list. Click 'Remove' to remove it from the controller:

d or Rer	nove Programs			_ 0
5	Currently installed programs:	Show up <u>d</u> ates	Sort by: Name	•
nge or move	🐻 Comtrol Utility Package		Size	0.51MB
rams	👸 CRConfig		Size	72.04MB
.	🔀 FreeZip			
<u>l</u> ew	🔂 Intel(R) PRO Network Adapters and Drivers			
	🔀 Microsoft SQL Server Desktop Engine		Size	75.57MB
	🗬 N¥9000 Control System		Size	27.55MB
move	Click here for support information.		Used	frequently
ows hents	To change this program or remove it from your computer, click Change or Remove.		Last Used On	1/17/2007
Y	弱 NV9000-SE Utilities		Size	108.00MB
<u>o</u> gram is and aults	得 NV9640V		Size	74.39MB
	👸 OSA IPMI Driver		Size	0.80MB
	🛃 SnagIt v4.3			
	VNC Free Edition 4.1.2		Size	1.26MB

Note: during software removal, a dialog may appear asking for a file. Ignore the message by pressing 'Cancel' and continue.

After the removal is complete, close the 'Add/Remove Programs' window and the Control Panel window.

3 Insert the Miranda software CD in your CD drive. The installer should run automatically. Follow its onscreen instructions to install the software, accepting the defaults that are offered. Important: You will be asked if this is a redundant system. If you check yes, enter the redundant controller name. The redundant controller name should be NVCONFIG2. If this is not a redundant system, do not check yes and click on the 'Next' button to proceed.

4 You will be prompted to set launch permissions for NVMasterCO:



Component Services - 🗆 × 🏟 File Action View Window Help _ 8 × ≗_ 12- 188 III III III 💷 🚇 🔁 📧 🗡 😰 🕼 😫 수 🔿 10 📄 Console Root DCOM Config 🚊 🙆 Component Services Name Application ID . E-Computers 🥎 Network Provisioning Service {39ce474e-59c1-4b84-🖻 🛄 My Computer 형 NvAgent {1FFE71A7-9386-4FCE 🗄 🧰 COM+ Applications 🔅 NvCPServer {6CE3B804-8EE8-11D2 🗄 🔄 DCOM Config NVDB {853C5A2E-1A7D-11D; 🗄 📄 Distributed Transaction C {82656AAE-8AEE-4A5: E- Carlo Running Processes NvDistributorCO {1B700D3E-68FF-4FB9 🚊 🔞 Event Viewer (Local) NvE×Itf 👪 Application {BEAF4AEC-783C-11D: NvExternalProbelCO {E2B5D8BA-56A2-4686 9 Security 🔢 System 😵 NvLogFileServerObj {571DAE1B-F38C-11D(Services (Local) NvMasterCO {9A5C4B72-394F-4A77 View 😵 NvRtrServerC {13E39CC9-6FED-48B5 🔅 NvTielineServ Pr {3F9E6C1A-E7B7-449A 😚 Paintbrush {D3E34B21-9D75-101# RDSessMgr {038ABBA4-4138-4AC4 RDSHost {5123EB69-F99E-461C 🎨 Remote Storage Recall Notification Client {D688D582-D6AA-11d 😵 RemoteProxyFactory32 Class {53362C32-A296-4F2E 🚸 Removable Storage Manager {D61A27C1-8F53-11D(🔅 Removable Storage Sink Layer {0057B183-85ED-4751 -4

Click OK. This brings up the 'Component Services' dialog as shown below.

Expand the tree on the left and pick 'DCOM Config'. Scroll through the entries on the right to find NVMasterCO. Right-click it and choose properties as shown.

NvMasterCO Properties		<u>? ×</u>			
General Location Security Endp	oints Identity				
Launch and Activation Permissions					
C <u>U</u> se Default					
 Customize 	<u>E</u> dit				
Access Permissions —	aunch Permission		<u>? ×</u>		
Use Default	Security				
C Custo <u>m</u> ize	Group or user names:				
Configuration Permissions	Administrators (NVCONFIGV EnvyAdmins (NVCONFIGVE) INTERACTIVE SYSTEM	Administrators) nvyAdmins)			
 Customize 		Add	Remove		
	Permissions for Administrators	Allow	Deny		
	Local Launch Remote Launch Local Activation Remote Activation	0 0 0 0 0			

The 'NVMasterCO Properties' dialog displays:

Figure 1-1. NVMasterCO Properties

Select the 'Security' tab and select 'Customize' for 'Launch and Activation Permissions' as shown in Figure 1-1. Click 'Edit' and ensure that the permission looks like Figure 1-1.

The EnvyAdmins settings should look like this:

Permissions for Administrators	Allow	Deny	
Local Launch			
Remote Launch			
Local Activation	\checkmark		
Remote Activation	\checkmark		

The INTERACTIVE settings should look like this:

Permissions for Administrators	Allow	Deny	
Local Launch			
Remote Launch			
Local Activation			
Remote Activation			

The SYSTEM settings should look like this:

Permissions for Administrators	Allow	Deny	
Local Launch Remote Launch Local Activation Remote Activation			-

Click OK when you have done all this.

Follow the remaining installation prompts to complete your NV9000 software installation. Remove the installation CD.

5 Do not restart the NV9000 software yet.

If you have a redundant controller, install the new software version software on it as well by following steps 1 through 4. The software installation procedure is the same on both controllers when you have a redundant system.

6 Now, start the NV9000 software by launching NV9000-SE Utilities. Choose 'System Management' in the navigation pane. In the 'System Management' page, check 'Controller 1' (and 'Controller 2' if it is present) and click the gree 'Start' button.

The software update is now complete. Verify the operation of your system, your panels, and any external interfaces such as automation, third party routers etc.