GE Power Management
— Control System

Technical Note #35

Retaining NetDDE Trusted Shares

**GE Power
Management Control
System**

● [Description](#)
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    Hardware
● [Operation](#)
● [Product Support](#)
● [Operator Interfaces](#)
● [F A Q's](#)
● [App Notes](#)
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Subject: A workaround to the problem of disappearing NetDDE trusted shares.

Applies To: PMCS systems using NetDDE technology (View Nodes); NT 3.51

Overview:

Under NT 3.51, the NetDDE trusted shares that you have created can disappear after
you log off. PMCS 5.0 attempts to solve this known problem by recommending the
execution, via the user's NT logon script, of a utility called VNDDE.EXE. This
utility automatically adds a GE16MODB share and a GE16ENET share, and trusts
these shares to the current user. This solution, however, has been known to be
inconsistent.

Suggested Workaround:

You will first add the appropriate NetDDE share and trust it to the applicable user.
Next, you will edit the NT Configuration Registry to prevent the deletion of the
trusted share. This workaround only needs to be performed once, during initial
system setup.

Configure DDESHARE:

1. Login to NT as Administrator.
2. Invoke DDESHARE.EXE. You can usually find this file in
    \WINNT35\SYSTEM32. (Note: Refer to the PMCS Network and Device
    Configurator manual - [GEH-6510](#), page 3-19 for more detailed information
    regarding the configuration of DDESHARE.EXE.)
3. Click *Shares/DDE Shares...* to access the DDE Shares dialog box.
4. Click *Add a Share...* to access the DDE Share Properties dialog box.
5. Create a share for GE16MODB (or GE16ENET). Share Name:
    GE16MODB|* . Old Style/Application Name: GE16MODB . Old
    Style/Topic Name: * . **X** Allow start application. Click *Permissions* to access
    the DDE Share Name Permissions dialog box.
6. Give the group *Everyone* Full Control Access.
7. Click *OK* to dismiss the DDE Share Name Permissions dialog box. Click *OK*
    to dismiss the DDE Share Properties dialog box.
8. At this point, if you do not plan on using the Administrator login as PMCS's
    default login, you need to logout and log in under the user name that will be
    PMCS's default login.
9. If you're not at it already, you should access the DDE Shares dialog box.
10. Highlight GE16MODB|* and click *Trust Share...* to access the Trusted Share

Properties dialog box.

11. **X** Start Application Enable. **X** Initiate to Application Enable. **X** Cmd Show Override, with **2** value. Click *OK* to dismiss the Trusted Share Properties dialog box. Click *OK* to dismiss the DDE Shares dialog box. Exit DDESHARE.

Edit the Configuration Registry:

WARNING: *Using Registry Editor incorrectly can cause serious, system-wide problems that may require you to reinstall Windows NT to correct them. Use this tool cautiously, and at your own risk.*

1. You should be logged in under PMCS's default login.
2. Access the Registry Editor by running REGEDT32.EXE.
3. Under the HKEY_CURRENT_USER subtree (window), locate the following Registry subkey: \Software\Microsoft\NetDDE\DDE Trusted Shares
4. With the DDE Trusted Shares subkey highlighted, Click *Security/Permissions...* to access the Registry Key Permissions dialog box.
5. Double-click your user name to access the Special Access dialog box. Click on the *Other* radio button. Select all check boxes, **EXCEPT** *Delete*. Click *OK*.
6. Double-click *System* to access the Special Access dialog box. Click on the *Other* radio button. Select all check boxes, **EXCEPT** *Delete*. Click *OK*.
7. Check the **X** *Replace Permission on Existing Subkeys* checkbox. Click *OK*.
8. You will be prompted with *Windows NT - Do you want to replace the permission on all existing subkeys within DDE Trusted Shares?* . Click *Yes*.
9. Exit the Registry Editor.

Keywords:

NetDDE; DDE Shares; VNDDE.EXE; DDESHARE.EXE

Related Notes:

GEH-6510

Application Note #26

Last Revised 2/17/97

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