



AMNC Networking

Software Support Division

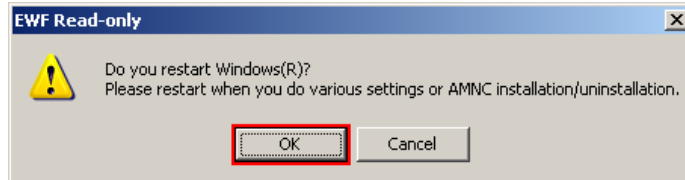
This document provides guidance in networking AMNC machines with EWF protection. This includes SDD connection.

Whilst making every effort to ensure data is correct Amada UK Ltd does not accept responsibility for misuse of our software and data therein.

December 2011

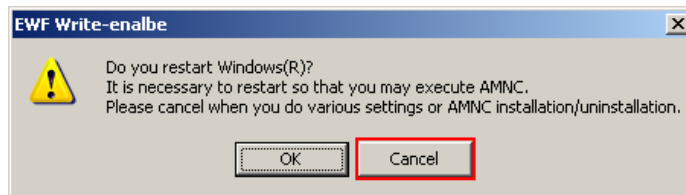
EFW

1. (from AMNC operator screen) Press Ctrl + Esc
2. Select Start – All Programs – AMNC - User Environment. Select OK from the below window.

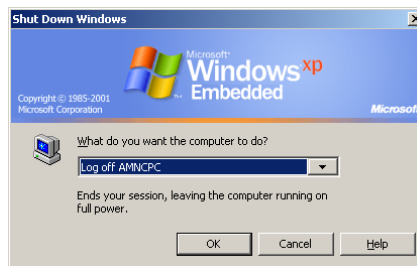


Network Settings

3. Following restart select Cancel on EFW window that appears.

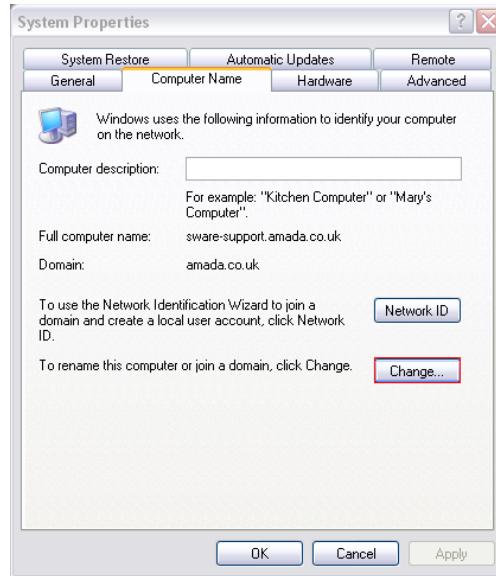


4. (Optional) Log off AMNC user, Start – Log off. If no static IP is required and only one AMNC machine is present continue from Step 9.

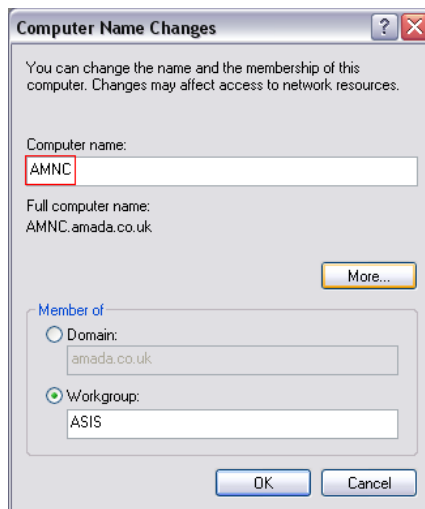


5. Log onto Administrator.
User name: Administrator
Password: amncpc (or AMNCPC or leave password field blank)

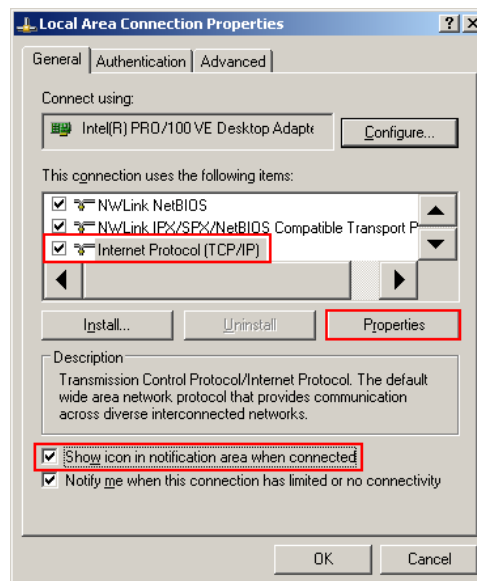
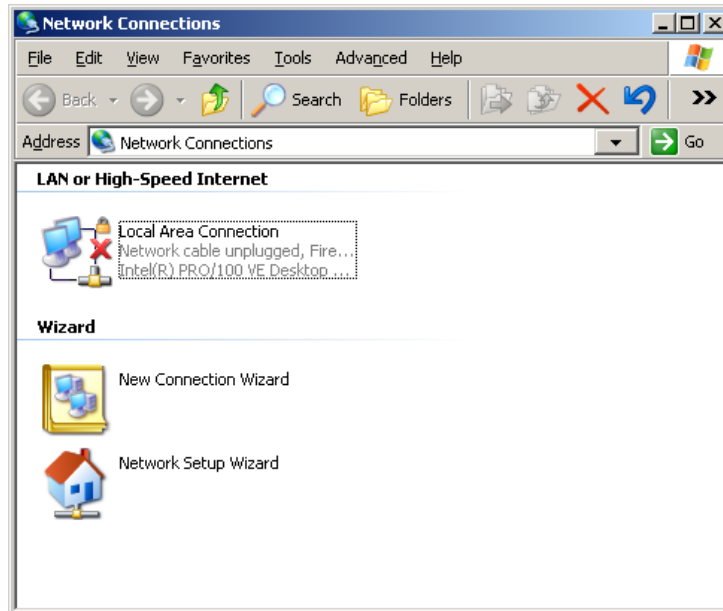
6. If more than one AMNC machine is present please rename PC name.
Select Start – Settings – Control Panel – System.
Next select Computer Name tab and Change button.



Enter different computer name. Please note machine must remain on Workgroup, do not add to Domain.



7. (Optional) Set required network settings i.e. if static IP is required. Select Start – Settings – Network Connections. Select Local Area Connection then select File – Properties.

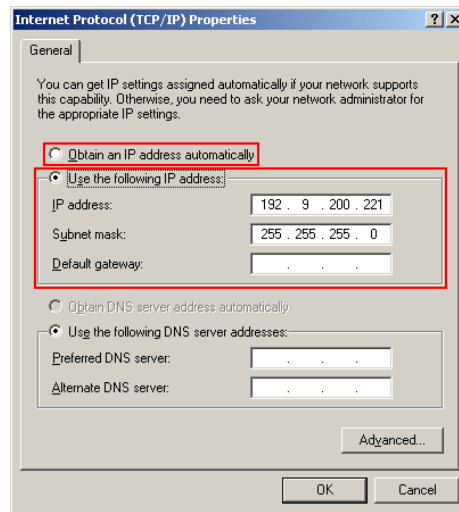


Select Internet Protocol, check Show icon in notification area when connected.

Select Properties.

Set required IP address and Subnet mask.

If connection fails default gateway and DNS server can also be added (this can be copied from SDD pc use Run – cmd. Enter ipconfig/all.

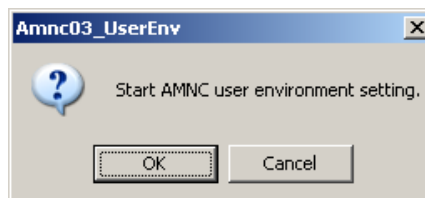


Log off administrator. Start – Log off.

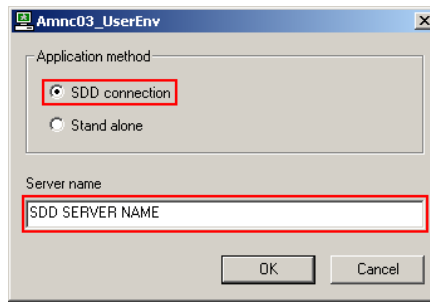


SDD Connection

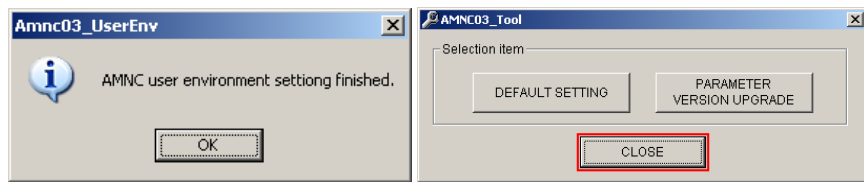
8. Log on to AMNC (skip to step 10 for mapping network drive)
User name: amncpc
Password: amncpc
9. Select Start – All Programs – AMNC - User Environment. Select OK.



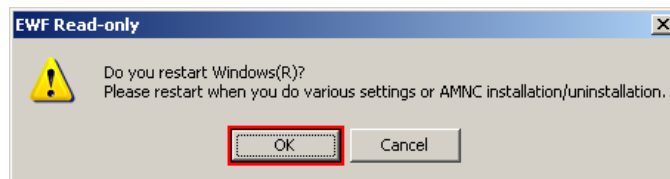
Select SDD Connection and enter PC name of SDD Server.



Select OK. Then select Close.



Select OK.



Following restart check that programs display under the SDD option within AMNC Open menu.

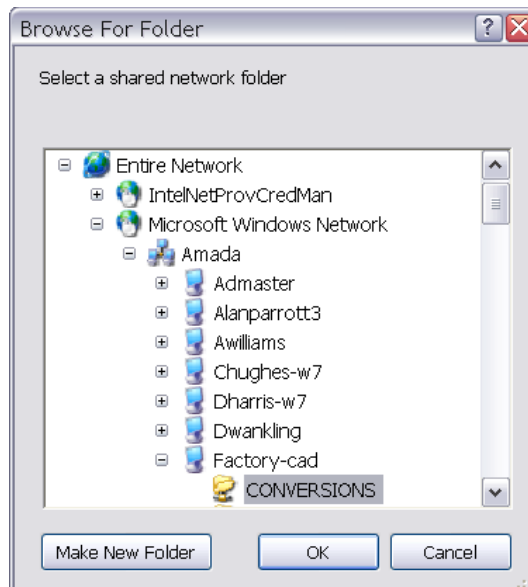
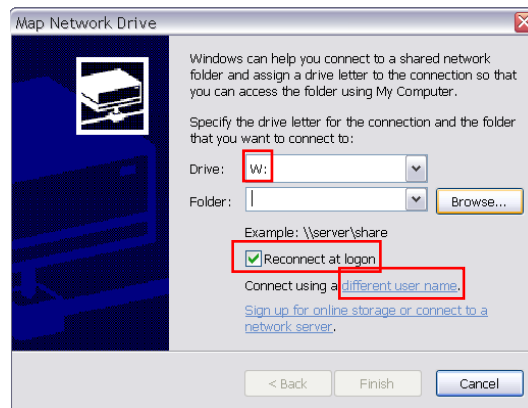
Mapping Network Drive

10. Select My Computer – Tools – Map Network Drive. Select Drive letter, then select the Browse (Folder field). Beneath Microsoft Windows Network, select required PC then select shared folder.

Check Reconnect at logon.

Select connect using a different user name. Enter user name and password; this should be a user with access to the selected shared folder.

Ensure Remember credentials box is also checked.



11. On AMNC select Maintenance - User Settings - Specify Drive. Select the drive letter that has been mapped.
12. Follow Step 9; however leave Application Method on Stand Alone if no SDD is present. Select OK to restart, this will re-enable EWF protection.

Trouble Shooting

Ensure you can ping PC which contains SDD or shared folder. To do this select Start – Run – cmd, type ping (space) IP Address (see below). IP Address from PC can be displayed using Start - Run – cmd. Enter ipconfig/all.

You should see 4 replies as illustrated below. If you receive timed out or host unreachable AMNC cannot connect to the pc.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\jwallace>ping 172.16.1.9

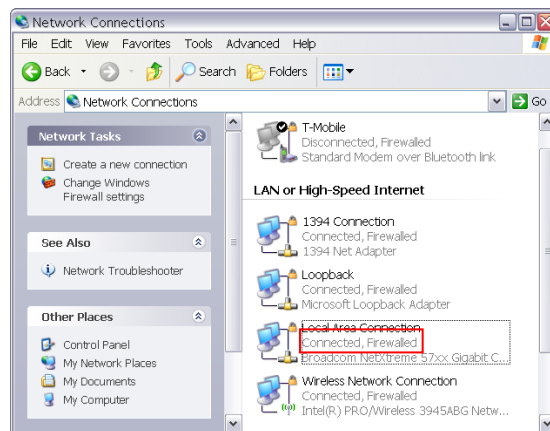
Pinging 172.16.1.9 with 32 bytes of data:

Reply from 172.16.1.9: bytes=32 time=132ms TTL=128
Reply from 172.16.1.9: bytes=32 time=1ms TTL=128
Reply from 172.16.1.9: bytes=32 time=1ms TTL=128
Reply from 172.16.1.9: bytes=32 time=1ms TTL=128

Ping statistics for 172.16.1.9:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 132ms, Average = 33ms
```

To fix this problem check the following

- Local Area Network states Connected (Start – Settings – Network Connections)



- If automatic (DHCP) IP address has been set assign a static IP address as explained steps 5 to 8. Ensure IP address is on the same range as PC which you are trying to connect. For example if the PC has address 172.16.1.9 amnc should be 172.16.1.10, the same subnet should also be used. IP address should be assigned by customers IT dept as the IP address entered may already be assigned to another computer/device.
- Ensure cable is correct; this should be a normal cat 5 ethernet cable NOT a cross over cable unless the machine is directly connected to a pc.

- Manually enter default gateway and DNS server this can be copied from the pc which you are trying to connect to; on the pc select Start - Run – cmd. Enter ipconfig/all.
- If using a fixed IP address, ask customer to create an exception on server to ensure this IP address is not assigned to another pc/device alternatively set connection to automatic DHCP (see Step 7).
- Check is machine AMNC can ping itself i.e. enter IP address of AMNC and confirm 100% reply.
- Ask customer/IT support to ensure Firewall is not blocking communications.

If you are receiving 100% when pinging from machine to pc and pc to machine, but you cannot connect to shared network folder or SDD check the following.

- Confirm SDD server computer name (if in doubt contact Software Dept)
- Check you can manually browse to shared folder or in the case of SDD connection you can browse to Asis1V11 folder on C drive.

You can find networked pcs within Start – Settings – Network Connections – Network Places (from address drop down) – Entire Network – Microsoft Windows Network – Customers Domain name – Customers PC name.

If the folder does not open it may be that a firewall is blocking access or the user entered to map the drive does not have permission to view or remember user credentials was not applied. In this case remap (logged in as AMNC, EWF disabled).

If the machine was previously working, but following restart no longer works EWF protection was enabled when settings when made. Carefully follow the above procedure to ensure EWF is disabled.

If no error is displayed when selecting SDD or Shared Folder; within Open menu select Search then select Clear Condition and OK, check if programs are now listed.