PWIII PC Setup Procedure
ADAC Mexico
Project # 129463

PaintWorks PC Setup
This procedure sets up a PaintWorks PC.
- **Recovery From Dell DVDs**

Dell includes DVDs which can be used to reload the computer. Use these only if no images are available. After Windows installation continue with the "PC Name and User Configuration" section of this procedure.
- **New PC Setup**

New PCs should be set up similar to the original PC. Continue with the "PC Name and User Configuration" section of this procedure. You may need to go into the control panel to set up the PaintWorksUser account if it doesn't have the same initial setup as the original Dell PC.
- **Image recovery**

Refer to the PC Image procedures document for instructions on making and restoring image backups of the PC. Restored images do not need the additional setup done in this document.

PC Name and User Configuration:
Dell provides a guided setup. Select default answers except for:.
- Set the correct time zone.
- Choose "Work Network" for the network type.

It will ask for information on user and computer names

Computer Name	User Name	Password
ADAC-BASE	PaintWorksUser	Paint
ADAC-CLEAR	PaintWorksUser	Paint

Windows Settings:
Open the windows Control Panel from the start menu
1.) Select "User Accounts and Family Safety".
Open User Accounts.
Select "Change User Account Control Settings.
Click on the slider bar and move it down to "Never notify.
Click OK.
Return to the control panel home.
2.) Select "Adjust resolution" under "Appearance and Personalization".
Change the resolution to 1280 by 1024 pixels and press the "OK" button.
3.) Select "View network status and tasks" under "Network and Internet".
Select "Change adapter settings". (on the left)
Right-click "Local Area Connection" and then select "Properties".
Uncheck Internet Protocol Version 6 if it is checked.
Select Internet Protocol version 4 and then click the "Properties" button.
Select "Use the following IP address:" and then enter the addresses below.
    IP Address: 192.76.251.50
    Subnet Mask: 255.255.255.0
Click the "OK" button, and then click the "Close" button on the Local Area Connection form.
Right-click "Local Area Connection" and then select "Properties".
Click the "Configure" button in the Local Area Connection properties window.
Select the Power Management tab. If a setting is available, configure the Network Adapter to not allow the computer to turn off this device to save power.
Click the "OK" button, and then click the "Close" button on the Local Area Connection form.
Return to the control panel home.

4.) Open "System and Security"
Open "Windows Firewall".
Select "Turn Windows Firewall on or off".
Turn Windows Firewall off for both network types.
Return to System and Security
5.) Open "Power Options".
Click "Change Plan Settings" for the selected plan.
Change "Turnoff the display" to 30 minutes. Also change "Put the computer to sleep" to "Never".
Click "Change Advanced power settings". And expand the "Sleep" node in the list.
Change the "Allow hybrid sleep" setting to "Off".
Change the "Hibernate after" setting to "Never". Hint: change the setting to 1 then click the down arrow on the right side of the box.
Press OK, and then save changes in the main power options window.
Return to the control panel home.
6.) Open "Programs"
Select "Turn Windows features on or off" under "Programs and Features"
Find "Telnet Client" in the list. Make sure it is selected with a check mark in the box to the left.
Press OK to install telnet.
7.) Run PW Support\SetupPaintWorks-Settings.bat. It will copy some files and edit some settings.
8.) Restart the computer for these changes to take effect.

Software Provided with the Dell PC
Microsoft Office was included with the Dell PC. It requires installation and activation. Find "Microsoft Office 2010" in the start menu and follow the on-screen instructions.

Software Installation:
1.) The PaintWorks installation files may be stored on a few discs or on a network location. Copy the folders "PW Support" and "Paint" to the C:\ drive.
2.) Run PW Support\SetupPaintWorks-InstallSoftware.bat to install several programs.
Accept most default choices, except:
ASABTCP installation
 - Select "Development Kit" Installation Option.
SQL Server express installation
 - Uncheck "Hide advanced configuration options"
 - Use a named instance of "PAINTWORKS"
- Authentication Mode must be left to the default setting "Windows Authentication Mode".
 - Check Add user to the SQL Administrator Role.
3.) Install FANUC PC Developer Kit (PCDK+) software (\PW Support\PCDK+_V830_A\setup.exe). Select FRNA Internal Developer.
4.) Install Microsoft VB .NET 2008 Express (PW Support\Visual Studio 2008 Express\VBExpress\setup.exe). Check "Install MSDN Express Library for VS2008. Uncheck "Silverlight".

PaintWorks Installation:

1.) Copy the most recent available database backups to the C:\Paint\Database folder.
2.) Register dlls by running PW Support\ SetupPaintWorks-AfterPaintFolder.bat
3.) Using Microsoft SQL Server 2005 Management Studio Express, attach the following databases located in the C:\Paint\Database\<Zone>:
   Alarm Log.mdf
   ChangeLog.mdf
   Process Data.mdf
   Production Log.mdf
   You may have newer backups of the databases in files with the ".BAK" extension. Refer to "PW Support\Docs\SQL Database Restore from Backup.doc" for instructions to restore databases from .BAK files.
4.) Create the Paintworks scheduled backups target folder C:\Paint\AutoBackups and create a copy of the Paint folder at D:\Paint
5.) Run C:\Paint\Profile\pw4usershell.vbs to configure the automatic login.
6.) Restart the computer to finish.

PaintWorks Running:

After Paintworks is running, Verify the TFTP and BOOTP configuration files on the MAINT/NETWORK screen.
Register the setup by pressing the "Update BOOTP" button on the network Maintenance screen.