

Programming Windows NT and ASIC-100/200 for Automatic Restart after a Power Failure

I. Enable Automatic Logon in Windows NT

Windows NT allows you to automate the logon process by storing your password and other pertinent information in the Registry database. **WARNING: Using the Registry Editor incorrectly can cause serious, system-wide problems that may require reinstallation of Windows NT to correct them.**

A. Add the AutoAdminLogon command to the Registry

1. Start REGEDT32.EXE and locate the following Registry subkey:
HKEY_LOCAL_MACHINE/Software/Microsoft/Windows NT/Current Version/Winlogon
2. Select 'Add Value' from the 'Edit' menu
3. Enter 'AutoAdminLogon' as the ValueName
4. Select REG_SZ in Data Type
5. Enter '1' as the string

The AutoAdminLogon value may already exist. If so, change it's value to a '1'.

B. Add the DefaultPassword to the Registry

1. Select 'Add Value' from the 'Edit' menu
2. Enter 'DefaultPassword' as the ValueName
3. Select REG_SZ in Data Type
4. Enter the system password as the string data

Normally the DefaultUserName and DefaultDomainName already exist in the Registry. If not, add them as in steps B1 thru B4.

II. Add ASAP Run-time to the 'Start up' Program Group

- A. Drag and drop a copy of the ASAP run-time icon into the Start up Program Group of Windows NT Program Manager. This will cause the ASIC-100/200 Run-time sub-systems to be launched automatically when Windows NT is started.

III. Set up ASIC-100 Application Programs for Auto Restart

- A. For each SFC or RLL program you would like to start automatically, select Run w/ Restart from the Execute menu of the ASIC-100/200 Program Editor. This will set flags in the ASIC-100/200 Run-time engine that tell it to automatically run the selected programs upon restart.