

Blocking Operator Access to the NT Operating System

This can be done today by performing the following steps:

Step 1: Add a password protected button to the ASIC HMI to execute Windows Explorer ("EXECUTE c:\winnt\explorer.exe") to perform administrative functions.

Step 2: Using the registry editor, REGEDIT.exe, change the registry entry "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon\Shell" to "c:\asic\bin\oicfg.exe" instead of "explorer.exe". This will cause NT to boot the ASIC HMI with no explorer or desktop.

Step 3: Rename "c:\winnt\system32\taskmgr.exe" to another name such as "taskmgrSave.exe". This will prevent the operator from accessing the run command through the task manager from the ctrl-alt-del sequence.

This procedure will block all operator access to the operating system except the ctrl-alt-del sequence. In this scenario, the ctrl-alt-del sequence can only be used to log out, shut down the system, change the password, or lock the workstation (the task manager has been renamed).