How to reset the ISaGRAF driver or reset the whole controller by software ?

User may reset PAC 's ISaGRAF driver or reset the whole controller for some special purpose.
The following PAC support reseting their ISaGRAF driver by running“PLC_MODE(999)”in the ISaGRAF program .

XP-8xx7-CE6 (driver version 1.13 or later version)
WP-8xx7 (driver version 1.33 or later version)
VP-2xW7 (driver version 1.25 or later version)
VP-5xx7 (will be released around Apr.2011)

To reset the whole controller, please run“i_reset( )”. All ICP DAS ISaGRAF PACs support“i_reset( )”.

User may write a similar ST program as the following. When setting the“reset_driver”as True, it resets the ISaGRAF driver. When setting the“reset_PAC”as True, it resets the whole controller.

```
(* TMP , reset_driver and reset_PAC are declared as internal Boolean variables *)
  if   reset_driver   then
       reset_driver := False ;
       TMP := PLC_MODE(999) ;
  end_if ;

  if   reset_PAC   then
       reset_PAC := False ;
       TMP := i_reset() ;
  end_if ;
```

Note :
1. The PAC 's memory usage will increase a little after reseting the ISaGRAF driver every time. If reset the ISaGRAF driver too many times, the memory usage consums a lot. So, there is a safety mechanism burned in the ISaGRAF driver. The “PLC_MODE(999)”will reset the whole controller once if it has reset the ISaGRAF driver up to 1000 times after the controller is powered up.
2. If the PAC is always reset or the ISaGRAF driver is always reset, user may power off the WinCE PAC first. Then set the rotary switch to 1 position (safe mode), then power on the PAC. Then delete the ISaGRAF project file (file name is \system_disk\isagraf\ISA11). Then set the rotary switch back to the 0 (normal) position, recycle the PAC 's power once.

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000