===== TGCS UPS Control Installation and Operation =======

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## DESCRIPTION
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TGCS Control Package for monitoring the status of the SP700 UPS

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## SUPPORTED OPERATING SYSTEMS
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- Microsoft(R) Windows(R) 7 (32-bit)
- Microsoft(R) Windows(R) 7 (64-bit)

**TGCS UPS Controls**
Front panel Switch settings

1.  Both Switches in the Off position (Up)

Standalone Mode:  in this mode the UPS ignores presence or absence of an active RS232 connection and always switches to battery if AC power is lost.  This mode allows the UPS to operate in DC Mode without an RS232 connection to the POS Terminal, similar to what would be the case with an off-the-shelf UPS in today's market.

2. Both Switches in the On position (Down)

Normal Mode:  prevents the UPS from switching to battery if the POS terminal is powered off.  This mode is intended to extend the life of the battery in stores where primary AC power is periodically removed, usually at the end of the day.  This mode requires that a cable be attached between the UPS and the POS terminal for proper UPS operation.

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How to install and Run the Program
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1. Extract the compressed file contained in the release package
2. Execute Setdefault.exe  file
3. Reboot the system, the function will work on COM A by default without any additional configuration setups
4. A shortcut will be created on the Windows desktop called UPS_Config.exe
5. Execute the UPS_config.exe shortcut on the Desktop to alter program settings

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How to modify the  UPS Monitoring Settings
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1. Click the drop down menu on the COM Port Number setting and select COM port (A
or B), depending on the port where the Signal cable is connected between the POS and
UPS.
2. See Configuration section below

 Note: The UPS will remains in control even if the UPS Configuration Tool application is
closed, as this is a Windows service that will remain in place.
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Configuring the UPS Monitoring
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**1. Disable Pop Notification**
By default this box is checked. When this box is not checked (enabled), it allows
notification pop-up on the Windows desktop. UPS events are logged in a new  Windows
system event log entitled **TGCS UPS Log**  regardless if this box is checked or not.
      Events that will be logged are:
  **1. When AC power is first removed**
     Event ID 0:  An AC power failure was detected, the system is currently running
     on UPS power
  **2. Subsequent notifications as long as AC power is removed**
     Event ID 0:  The system is currently running on UPS power
  **3. Notice when the UPS battery is low**
     Event ID 0:  TGCSUPS Battery Low
  **4. Notice when AC power is restored**
     Event ID 0:  TGCSUPS AC Normal

**2. Seconds between power failure and first event and notification**
Set this to desired time between the power loss event and the first notification.

**3. Seconds between subsequent power failure and first event and notification**
Set this to desired time between the power loss event and the subsequent notifications.

**4. Click "Apply" button**

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**How to disable UPS Monitoring**
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1. Click the drop down menu on the COM Port Number setting and select "none"
2. Click "Apply" button