Introducing TIME EVENTS for the GTP-32 CONTROL PROCESSOR

TIME EVENTS lets you "set an alarm clock" to perform a specific task at a specific time. Also create a "time window" in which to allow a task to occur

Set one "alarm clock". Set many "alarm clocks"

When the alarm "rings" perform one task or perform many tasks

Setting an alarm and assigning a task is easy:

1. On the GTP-32, using a web-browser (Firefox, IE, Chrome, Safari), visit the Time Event Definitions web page to set an alarm. Enter the Event Time (alarm time) and select the days of the week on which the alarm will "ring" (trigger)

2. Now, visit the Event Monitoring Table web page to assign a task (action) to be performed when the alarm "rings"

3. Repeat step #1 to set more alarms

   Repeat step #2 to assign tasks to the alarm

Set an "alarm" (Time Event)

1. Click Here!

Model: GTP Control Processor
Software Ver: 6.77AB0
Serial Ports: 4

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PO   Event Notification   **Event Definitions**   Action D

System Event Definitions:

Display All Events

RESTORE EMT Events

USP Events

Remote Events

Combinatorial Events

User Register Configuration

User Register Events

2. Click Time Events

Time Events

To Add, Edit, Delete "alarms"

To add an "alarm"

3. Click Add

Model: GTP Control Processor
Software Ver: 6.77AB0
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...vent Notification   **Event Definitions**   **Action Definitions**

Add / Edit / Delete / Backup / Restore   TIME EVENTS Definitions Table

TIME EVENTS Definitions Table

Currently loaded file is: Table changed and not backed up

Event Label	Description	Event Time	Time Source	Freq	Days
TE...ng_Trigger	Switch to evening alternate signal path	19:10:00:00	LTC	Daily	Mon Tue Wed Thr Fri
...ning_Trigger	Switch back to standard signal path	06:00:00:00	LTC	Daily	Mon Tue Wed Thr Fri
...sat_switch	Saturday afternoon switch	15:00:30:00	LTC	Daily	Sat

Add / Edit / Delete / Backup / Restore   TIME EVENTS Definitions Table

Add Entry to TIME EVENTS Definitions Table

Event Label	Event Description	Event Time	Time Source	Freq	Days
TE_			LTC	Daily	☐ Sun ☐ Mon ☐ Tue ☐ Wed ☐ Thr ☐ Fri ☐ Sat

SAVE   Done

Enter New Alarm Here

View Existing Alarms Here

TIME EVENTS Definitions Table

Currently loaded file is: Table changed and not backed up

Event Label	Description	Event Time	Time Source	Freq	Days
TE_Evening_Trigger	Switch to evening alternate signal path	19:10:00:00	LTC	Daily	Mon Tue Wed Thr Fri
TE_Morning_Trigger	Switch back to standard signal path	06:00:00:00	LTC	Daily	Mon Tue Wed Thr Fri
TE_sat_switch	Saturday afternoon switch	15:00:30:00	LTC	Daily	Sat

NOTE: External LTC timecode plugged into the GTP is the time source.

The GTP-32's internal clock is the date source.

SNTP is supported to maintain an accurate date.

Edit an "alarm" (Time Event)

1. Click Here!

Model: GTP Control Processor
Software Ver: 6.77AB8
Serial Ports: 4

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PO   **Event Notification**   **Event Definitions**   Action D

System Event Definitions:

Display All Events
RESTORE EMT Events
USP Events
Remote Events
Combinatorial Events
User Register Configuration
User Register Events
Time Events

2. Click Time Events

To Add, Edit, Delete "alarms"

Model: GTP Control Processor
Software Ver: 6.77AB8
Serial Ports: 4

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3. Click Edit

GPO   **Event Notification**   Event Definitions   **Action Definitions**

Add / Edit / Delete / Backup / Restore   TIME EVENTS Definitions Table

TIME EVENTS Definitions Table

Currently loaded file is: Table changed and not backed up

Event Label	Description	Event Time	Time Source	Freq	Days
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TE_sat_switch	Saturday afternoon switch	15:00:30:00	LTC	Daily	Sat

Add / Edit / Delete / Backup / Restore   TIME EVENTS Definitions Table

To edit an "alarm"

NOTE: External LTC timecode plugged into the GTP is the time source.

The GTP-32's internal clock is the date source.

SNTP is supported to maintain an accurate date.

ntrol Network   Serial Ports: 4

GPI   GPO   Event Notification   Event Definitions

Edit Entries in TIME EVENTS Definitions Table

Event Label	Event Description	Event Time	Time Source	Freq	
TE_ sat_switch	Saturday afternoon switch	15:00:30:00	LTC	Daily	

Save   Cancel

Assign a Task (Action)

1. Click Here!

Software Ver: 6.77AB8
Serial Ports: 4
...O: 501266
...: 32/32

...ification   **Event Definitions**   **Action Definitions**   **Event Monitoring**   **System**   Logout

To view assignments

2. Click ADD

Add / Edit Events / Edit Ar...s / Delete / Backup / Restore / Create Default Event Monitor Table
...urrently used file is not a restored file.

[Refresh]   **Last Refreshed:** January / 8 / 2013 14:46:34   [Update Connections]

EVENTS

To add Action

ACTIONS

Status	Source IP	ConnectionStatus	Event Label	Event Status	ON/OFF Type	ON Data	ON Function ↑	OFF Data	OFF Function
Enabled	0.0.0.0	Local	TE_Evening_Trigger	OFF	GPO Control	1:GPO_1	Turn On GPO	N/A	Do Nothing
Enabled	0.0.0.0	Local	TE_Morning_Trigger	OFF	GPO Control	1:GPO_1	Turn Off GPO	N/A	Do Nothing

Add / Edit Events / Edit Actions / Delete / Backup / Restore / Create Default Event Monitor Table
[Refresh]   [Update Connections]

ALARMS   **TASKS**

Add Event to Channel Event Monitoring

Status: [Enabled ▾]
Source IP: [0.0.0.0]
Source Event Type: [Time Events]
Source Event Label: [TE_Morning_Trigger ▾]
ON/OFF Type: [GPO Control ▾]
ON Function and Data: [Turn On GPO ▾] [1:GPO_1 ▾]
OFF Function and Data: [Do Nothing ▾] [1:GPO_1 ▾]

[Save & Exit]   [Save & Add]

Select TIME EVENTS to select from the list of available "alarms"

NOTE: Any device controlled by the GTP-32 may be controlled from a Time Event.   Time Events may be shared across GTPs.

Assign task to perform when alarm "rings":
GPO On/Off
Roll VTR
Trigger Graphic

Create a "Time Window"

To create a time window in which to allow a task (action) to occur, a User Register will be used. At the start of the time window, the User Register will be turned on. At the end of the time window, the User Register will be turned off. The User Register will be ON during the time window and OFF outside of the time window.

When a USP key is pressed or a GPI is triggered, a Combinatorial Event Definition will "look" at the User Register to determine whether or not to trigger an action. When the time window is "ON" the key press or GPI will be allowed to trigger an action. When the time window is "OFF" the action will be inhibited.

1. On the GTP-32, using a web-browser (Firefox, IE, Chrome, Safari), visit the Time Event Definitions web page to set one alarm for the beginning and another alarm for the end of your time window.

2. Enter the Event Time (alarm time) and select the days of the week on which the alarm will "ring" (trigger)

3. Now, visit the Event Monitoring Table web page to assign use the alarms to turn a User Register On /Off, when the alarm "rings"

4. Create a Combinatorial Event Definition to condition the key press or GPI as follows:

   Set the source event label to something meaningful, ie: TRIGGER_ACTIVE.

   Create the definition: USP_KEY1 AND UserReg1

   When USP key #1 is pressed (ON) and UserReg1 is ON, TRIGGER_ACTIVE will turn on to cause an action to be performed.

5. On the Event Monitoring Tables web page, assign source event TRIGGER_ACTIVE to an ON or OFF Function.