

SPS-4200 Secondary Events Getting Started Guide

This document provides a walkthrough on how to configure Secondary Events on the SPS-4200 playlist system.

GTP/DC CONFIGURATION

1. On your GTP/DC navigate to the EVENT DEFINITIONS Page and select the “User Register Configuration” link.
2. Find the User register you dragged into your list and configure the dropdown for “One-Time Shot”. See my example below:

User Register #	Label	Short Description	Long Description	Event Mode	Default Value	Disable OFF execution at power up	Current Value	Current Value (Hex)
1	UR_UserReg1			One-Shot	0	NO	0	0x0

3. Navigate to the Event Monitoring Table and assign your Secondary Event User register to the necessary action. In my example below I have my Secondary Event User Register turning on a GPO:

EVENTS							ACTIONS				
Status	Source IP	Connection Status	Event Label	Registration State	Event State	Event Type	ON/OFF Type	ON Data	ON Function	OFF Data	OFF Function
Enabled	0.0.0.0	Local	UR_UserReg1	REGISTERED	OFF	User_Register	GPO Control	2.GPO_2	Turn On GPO	N/A	Do Nothing

4. When the Secondary Event triggers on the SPS-4200 playlist it will fire the GPO action assigned to it in the Event monitoring table.

Playlist Configuration

1. Open up the “dnf_config.txt” file and confirm that IP_9 is set to the IP address of the DC20 that will receive the Secondary Event. See my example below:

```
IP_1=192.168.10.232  
CH_1=1  
IP_2=192.168.10.232  
CH_2=2  
IP_3=192.168.10.232  
CH_3=3  
IP_4=192.168.10.232  
CH_4=4  
IP_5=192.168.10.232  
CH_5=1  
IP_6=192.168.10.232  
CH_6=2  
IP_7=192.168.10.232  
CH_7=3  
IP_8=192.168.10.232  
CH_8=4  
IP_9=192.168.10.232  
CH_9=10
```

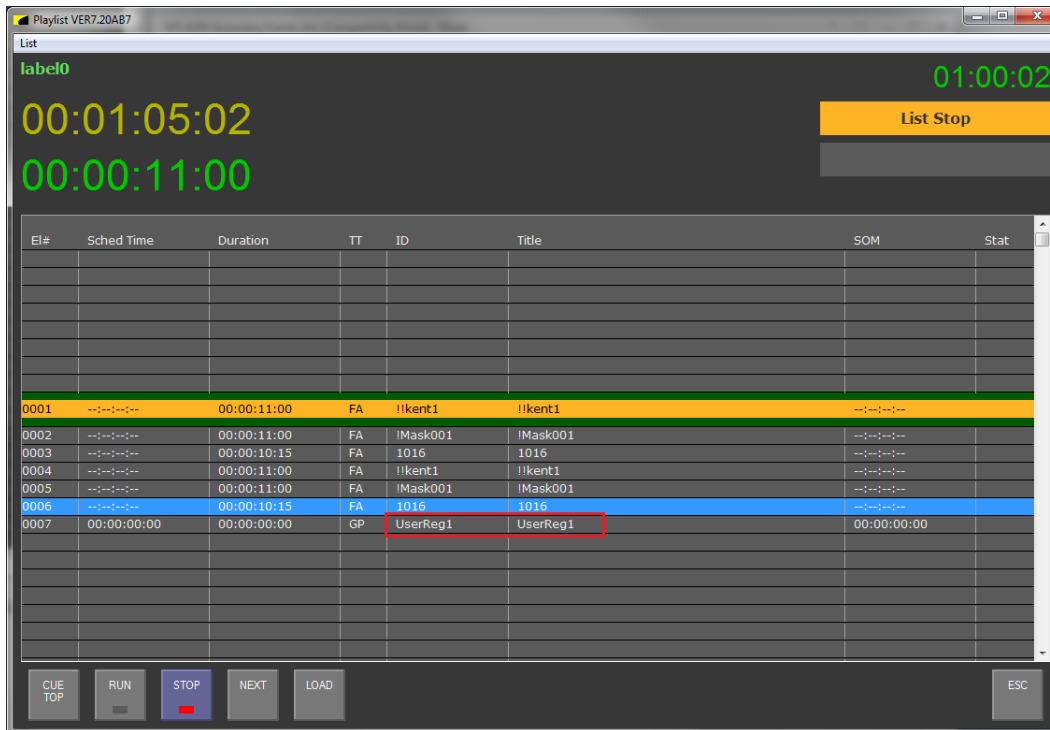
2. Navigate to the following SPS-4200 widget and select the “Usr Reg” button:



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3. This will open up the User register window. Select a User Register and drag it to the location in the list where you would like the Secondary Event to occur. In my example below I dragged and dropped "UserReg1" to the bottom of the list:

Clip ID	Duration	Description	Agency
UserReg1	00:00:00:00		
UserReg2	00:00:00:00		
UserReg3	00:00:00:00		
UserReg4	00:00:00:00		
UserReg5	00:00:00:00		
UserReg6	00:00:00:00		
UserReg7	00:00:00:00		
UserReg8	00:00:00:00		
UserReg9	00:00:00:00		
UserReg10	00:00:00:00		
UserReg11	00:00:00:00		
UserReg12	00:00:00:00		
UserReg13	00:00:00:00		
UserReg14	00:00:00:00		
UserReg15	00:00:00:00		
UserReg16	00:00:00:00		
UserReg17	00:00:00:00		
UserReg18	00:00:00:00		
UserReg19	00:00:00:00		
UserReg20	00:00:00:00		
UserReg21	00:00:00:00		
UserReg22	00:00:00:00		
UserReg23	00:00:00:00		
UserReg24	00:00:00:00		
UserReg25	00:00:00:00		



SCHEDULED TIME

The Sched Time column in the Secondary Event line is used to either delay or advance the triggering of the Secondary Event. For example if the “Sched Time” column for your Secondary Event is set to all zero’s the Secondary Event will always trigger at the beginning of the previous element. An example use of this would be to start a recording via a secondary event before clip playout.

If you require the Secondary Event to trigger at the end of the previous element you will need to match the “Sched Time” column time with the duration time of the previous element. This will cause the necessary offset that will trigger the Secondary Event at the end of the previous element. An example use of this would be to switch a router/switcher at the end of a playlist via a secondary event.

Alternatively the Sched Time column can be offset to trigger a secondary event while the previous element is in the middle of playing out a clip. An example use of this would be to trigger a bug/crawl during clip playout via the secondary event.