SWS - Tools Menu - Options - Signal Processing Options

The Signal Processing options detail the items related to alarm processing.

Address lookup for GPS signals and alarms

This option, when set to Yes, the Signal Handler looks up the address for both Signals and Alarms. If set to No, address lookup is performed for alarms only.

Allow signal programming processing commands to affect internally generated events

This option, when set to **Yes**, applies the signal processing commands in the same way a live signal, from a monitored location does.

Auto-generate On Test and Off Test signals when a Customer goes On and Off Test

This option determines the actions taken by the Signal Handler when users place the accounts On and Off Test.

- Yes - Generates On and Off Test values as alarms.
- No - Does not create an event when placing accounts on or off test.
- Create a Signal for each type - Generates an event for each type.

Auto-generate On Test values

- ***OTS** – On Test Started
- ***OTE** – On Test Expired
- ***OTR** – On Test Removed signals for when the customer goes On and Off Test.

Cancel and abort time limit

This option defines the maximum number of minutes during which Alarms may be automatically canceled or aborted due to signal processing attributes or the transmitter programming Restore command. If you want to disable the time limit, enter "0".

Cancellation of a CanCancel alarm can occur across different transmitters

This option, when turned enabled, allows the cancellation of a CanCancel alarm can occur across customer transmitters Cancel signal(s) are received on.

Along with CanCancel/Cancel, Reset Timeout is also affected in the same way by this option.

Check transmitter default event programming before dealer event programming

If you select "Yes", the system checks default transmitter event programming before Dealer event programming if it finds no other Customer event programming.

Do not bypass duplicate event check for video or audio alarms

If you select "Yes", the system will perform duplicate checks for Audio/Video associated Alarms.

Dual reporting signal timeout

This option defines the maximum number of seconds the Signal Handler will wait for the second signal before Reporting it as missing.

Open/Close Windows

These four options set the time period before and after the Open/Close schedule that sets the schedule exceptions in proximity to the Open/Close schedule to be Early or Late. These are still exceptions to the schedule, however, they generate a different event code, therefore may contain a different set of actions based on its proximity to the schedule.

- **Early Close window -** This option determines the maximum number of **minutes** prior to a "May Close" or "May Open/Close" window that a close type signal generates an Early Close Event instead of an Unscheduled Close Event. This applies to Customers with the Open/Close Monitoring Service not set to "Record".
- **Early Open window** - This option determines the maximum number of **minutes** prior to a "May Open", "May Open/Close" or "May Open/Close Once" window that an open type signal generates an Early Open Event instead of an Unscheduled Open Event.
- **Late Close window** - This option defines how many **minutes** after a "Must Close" window a close type signal generates a Late Close Event instead of an Unscheduled Close Event.

- **Late Open window** - This option defines how many **minutes** after a "Must Open" window an open type signal generates a Late Open Event instead of an Unscheduled Close Event.

Fill caller ID 1

This option, when set to **Yes**, allows the Signal Handler to automatically fill the Caller ID 1 field on the signaling Transmitter. This only adds the value when the Caller ID is empty on the related transmitter.

Generate alarm event upon expiration of temporary comment follow-up date

This option, when set to **Yes**, the system generates an Alarm Event (*EFUP) when a temporary comment follow-up date expires.

Generate duplicate alarms

This option defines whether duplicate Alarms generate a new Alarm or be logged while an identical Alarm is currently outstanding. If you select "No", the system prevents the same Alarm from being presented to an Operator while an identical Alarm is still outstanding.

Duplicate Alarms are defined as the **same** event code, area, zone, and action pattern.

Generate duplicate events

This option defines whether duplicate Events generate a new Event or be logged while an identical Event is currently outstanding. If you select "No", the system prevents the same Event from being presented to an Operator while an identical Event is still outstanding.

Duplicate Events are defined as the **same** action pattern.

Generate Maintenance List Items

This option defines which Maintenance List items the Signal Handler creates for signals received without a corresponding Monitoring Service. Your choices are "Neither Open/Close nor Test Signals", "Open/ Close Signals", "Test Signals", and "Open/Close and Test Signals".

- **Neither Open/Close nor Test Signals** - Disables this option.
- **Open/Close Signals** - Generates Maintenance Issues when the account receives the Open/Close events and there is no matching service or Open/Close schedules.
- **Test Signals** - Generates Maintenance Issues when the account receives test signals but has no test interval.
- **Open/Close and Test Signals** - Generates Maintenance Issues when both Open/Close and Test Signals with no

matching services.

Ignore caller ID mismatches

This option when set to **Yes**, the system will does not force Alarms for signals received with Call ID information that matches another Customer or does not match the Caller ID information of the signal's Transmitter.

Log signals that are not on file

This option, when set to Yes, the system logs signals that arrive for a Transmitter or Receiver Line Prefix not found within the system.

Number of minutes to search for binary clips when trying to append them

This option sets th **number of minutes** you want to look for binary clips when trying to append to them. This should not be greater than a month's time.

Pre-cancel time-out

This option defines the **number of minutes** before a pre-cancel automatically expires.

Prevent duplicate video alarms from being forced to Operator

This option, when set to **Yes**, the system prevents duplicate video Alarms from being forced to an Operator.

Prevent the system from forcing Video and Audio associated alarms to an Operator screen

This option, when set to **Yes**, the system prevents Video and Audio being forced to the Operator. This allows the AutoClient to take initial action on Alarms where possible.

Redirect event codes for non-intelligent

panels

This option, when set to **Yes**, the system displays the Event Category column on the Zones list in Customer Maintenance and the Redirect Code on the Event Codes form of the Supervisor Workstation. This allows Events from non-intelligent panels to be programmed with minimal Transmitter programming lines. *This is only recommended for systems using older panels and sends mostly non-intelligent events.*

Runaway

The Runaway options are defined together to determine what the Signal Handler uses to generate Runaway warnings.

- **Runaway inter-signal time** - This option defines the **minimum number of seconds** the system requires before determining the Customer is in runaway condition. If a signal arrives during this timeout period of the previous signal for the same Transmitter, the system increments the runaway count. If the signal arrives outside of this timeout period, the runaway count is reset to 1.
- **Runaway signal count -** This option defines the **minimum number of signals** after which the system recognizes that the Customer is in runaway mode. If you set the runaway signal count to 0 or 1, no runaway count can be generated. The runaway count is tallied by Transmitter, and not for the Customer as a whole.

Track additional panel statuses

This option, when set to **Yes**, the system tracks Bypass and Trouble statuses in addition to Unrestored Alarms. If tracked, these statuses display on the Zone Status form of the Customer Record, in the Summary form on the Customer status window that shows on the main Alarm form, and on the main Customer Address form. This is recommended as set to **No**.

Two-trip signal timeout

This option defines the **number of seconds** after which the Signal Handler considers a second or following signal to be a valid Alarm. following the receipt of a first round two-trip signal. The first round signal is always logged. If the second signal does not arrive within this time period, no Alarm will generate. The signals must be for the same Two-Trip ID, have the same Event Category, and come from the same Transmitter.