

ScadaTec Technical Note

ScadaPhone – Recording a New Answer Detection Script

January 11, 2003

Purpose:

This note describes the process of recording a new answer detection script.

Applies To:

ScadaPhone

Note:

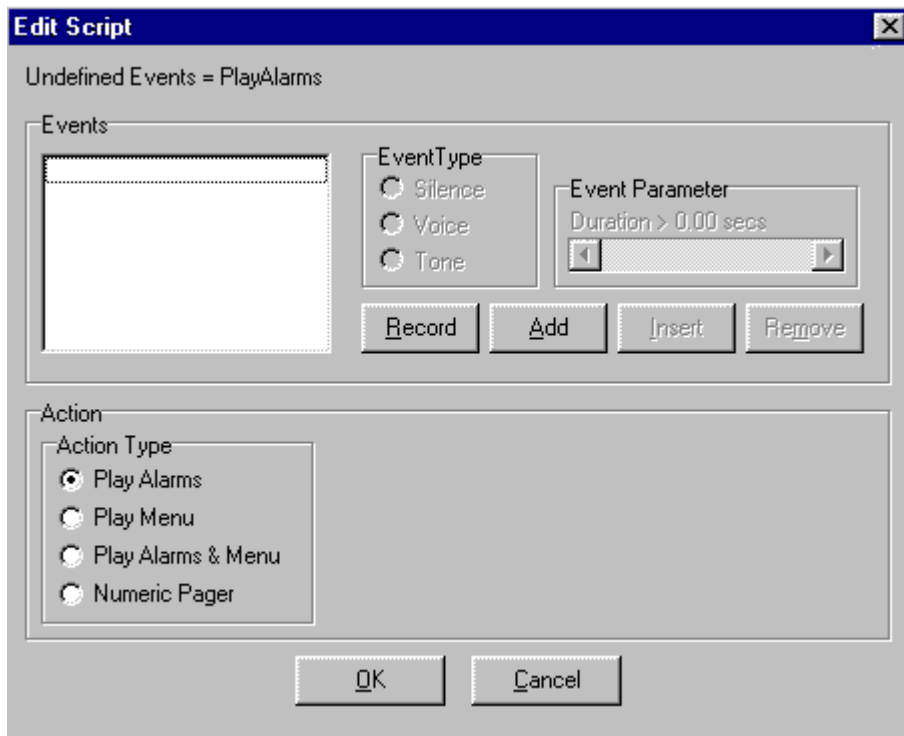
A pager contact might have settings in the Contact window similar to the following:

The screenshot shows the 'Alarm Contact' dialog box. The 'Enabled' checkbox is checked. The 'Contact Name' field contains 'Maintenance Pager' and the 'Phone Number' field contains '336-1234'. The 'Contact Type' section has three radio buttons: 'Voice or Numeric Pager' (selected), 'Alpha-numeric pager using TAP protocol', and 'Email'. The 'Answer Detection Scripts' section contains a text area with the script 'Tone(1335) + Silence(0.10) = PagerStr'. Below this are 'New', 'Edit', and 'Delete' buttons. The 'Call Persistence' section has 'Based upon' set to 'Count' and '3 attempts'. The 'Contact Persistence' section also has 'Based upon' set to 'Count' and '3 attempts'. The 'Ack Timeout' is set to '30 Minutes'. 'OK' and 'Cancel' buttons are at the bottom right.

The above Maintenance Pager contact is defined with the following settings:

- Answer Detection Script: `Tone(1335) + Silence(0.10) = PagerStr`
- Call Persistence: Based upon time, 3 minutes.
- Contact Persistence: Based upon count, 3 attempts
- Ack Timeout: 30 minutes.

The Answer Detection Script is set to "`Tone(1335) + Silence(0.10) = PagerStr`". This script causes ScadaPhone to listen for a sound frequency of 1335 Hz. followed by at least a tenth of a second of silence. When ScadaPhone detects this, it will send the value stored in the system variable named PagerStr. (Note: The value stored in PagerStr is set from the main window under Options | Pager String.) A new script may be entered manually or by recording the events. **To record a New script**, click the New button; this opens the Edit Script window.



To record a script, click the Record button in the Edit Script window. This will open the Record Script window:



Recording a script requires three steps:

1. Verify that the phone number in the top box is correct or make any needed changes
2. Click the Call and Record button
3. Click the Set Action Point button to stop recording.

After step 3, ScadaPhone will return to the Edit Script window. The recorded script will be entered into the Events box. Set the desired action type, enter the required action information, and press the 'OK' button. This will insert the new script into the alarm contact window.