

ScadaTec Technical Note

ScadaPhone – Hot Backup

December 18, 2002

Purpose:

This note explains how ScadaPhone can be set up for use with a SCADA system which is set up in a hot backup configuration. In this configuration the SCADA software is typically installed on two computers with one as the master and one as the backup. If the master computer fails the SCADA software on the backup computer becomes active.

Applies To:

ScadaPhone

Note:

The ScadaPhone software must be installed and licensed on both computers. The SCADA software must expose a discrete tag that is True when it is the master system and False when it is the backup. This tag is read by the ScadaPhone software running on both computers.

In each ScadaPhone system, Select 'Options' | 'Standby Tag' from the main menu. This will display a dialog box where the tag name can be entered. The same tag name should be used on both computers. Enter the tag name and click the 'OK' button.

That is all there is to it.

When the discrete tag is True ScadaPhone will poll the SCADA software database and report all alarms and answer all incoming calls.

When the discrete tag is False ScadaPhone will continue to poll the SCADA software database but will not report any alarms and will not answer any incoming calls.