

Addendum 1: SAS Windows Router Control Installation

System requirements

IBM compatible PC with at least a Pentium III processor (600Mhz or greater)
128 MB RAM.
50 MB available hard disk space.
32 bit Windows 98SE or higher operating system.
Network adapter card communicating on a network.
SAS Server Module
Network access to computer running SAS Server Module

Upgrade

If upgrading from Sterm16, it is recommended that a backup be made of all the switcher's current operating parameters. This can be done by starting the SAS software, verifying the serial connection with the switcher is ok and issuing the main menu command "**Retrieve Current Frame Configuration**". This will cause the switcher to upload all of its current operating information to the control software where it will be displayed in the various system configuration screens. After the retrieval is complete and if the retrieved data appears to be correct and complete (Channel Labels, Buttons, Inhibits, Salvos, Etc), this data should be saved to the computer's hard disk using the main menu command "**Save Complete System To Disk**" and specifying a filename when prompted. Please note that this operation does not save the output source assignments (crosspoint map) to the hard drive as the information displayed on the "**Dynamic Crosspoint Map**" screen is read directly from the 16000's memory and off-line copies of it are not maintained by the computer. In addition Serial Control Port Configuration is not saved in this file.

Installation

CD:

Insert the CD containing the SAS Windows Router Control Software into the CD Drive. Using Windows Explorer, go to the SAS Windows RCS directory on the CD and run setup.exe and follow the prompts on the screen.

Getting Started

Once the Windows RCS has been installed make sure the SAS Server Module is running and connected to the Switcher.

Start the Windows RCS with the default user name and password.

You will be prompted for the location and name of the Program Database. It is recommended that this database be kept in the directory that the Windows RCS was installed in.

This Program Database holds the location of the Switcher databases, Users, and Folder definitions.

It is recommended that you add a user to the user database, although the default user name and password may not be changed or deleted. This can be done by selecting the View menu and then selecting User database or selecting Edit/View User Database from the toolbar.

A switcher database will need to be created for each switcher to be controlled by the Windows RCS. This can be done by selecting the View menu and then selecting Switcher database or selecting Edit/View Switcher Database from the toolbar. Select the type of switcher, size of the switcher, the IP Address and IP Port of the computer running the Server Module (the IP Port must match that selected in the Setup Screen of the Server Module) and the name and path for the Switcher database. If you will be controlling multiple switchers with the Windows RCS, name the Switcher Database file in a manner that will identify which switcher is defined by the file. It is recommended that this database be kept in the directory that the Windows RCS was installed in.

The Switcher Database contains information about the switcher, including Alpha Labels, Inhibit Maps, Button Templates, Salvos and Display Lists

Once the new Switcher definition is saved, you will be given the option of allowing the RCS to setup up default folders. Select Ok.

The Windows RCS will create a set of default folders and attempt to connect to the Server Module.

The Windows RCS uses Folders to hold different types of information about the switcher.

Folder types are:

Organizational Folders

These folders contain other folders

Crosspoint Maps

These folders contain Switcher Crosspoint Maps. These maps display the current output source assignments. These assignments are only displayed when the RCS is connected to a Server Module actively connected to a switcher. In addition Inhibits may be set in these folders. Inhibits may be edited offline and are only sent to and retrieved from the switcher at the behest of the user.

Source Alpha Labels

These folders contain switcher Source channel alpha assignments and Stereo Links. Alpha labels and links may be edited offline. They are only sent to and retrieved from the switcher at the behest of the user.

Destination Alpha Labels

These folders contain switcher Destination channel alpha assignments and Stereo Links. Alpha labels and links may be edited offline. They are only sent to and retrieved from the switcher at the behest of the user.

Button Programming

These folders contain Button Template programming and Template assignments (except 32KD). Button Templates may be edited offline. They are only sent to and retrieved from the switcher at the behest of the user.

System Salvo Definitions

These folders contain definitions of the System Salvos. Salvos may be edited offline. They are only sent to and retrieved from the switcher at the behest of the user.

Automation Event Lists

These folders contain definition of Automation Events. These events are not stored in or triggered by the Switcher. These events require the SAS Automation Engine. The Automation Engine must be running and connected to the Server Module for any events defined in the Automation folder to happen.

System Status/Configuration

These Folders display the status of the switcher when attached to the Server Module. In addition configuration of the 32KD is done from this folder. Configuration may only be done while the RCS is connected to the Server Module.

The default folders created by the Windows RCS are as follows:

Switcher Name	- Organizational Folder Containing the Following Folders
Crosspoint Maps	- Organizational Folder Containing one or two Crosspoint Map Folders
Full Map	- A Crosspoint map the full size of the switcher (up to 500 x 500)
Small Map	- A 32 x 32 Crosspoint Map
Alpha Labels	- Organizational Folder Containing Alpha Label Folders
Source Alphas	- Source Alpha Labels
Destination Alphas	- Destination Alpha Labels
Button Programming	- Button Programming and Template Assignment
Salvo Programming	- Salvo Programming
Switcher Status/Configuration	- Switcher Status & Configuration

Every time the RCS is started, it will attempt to log into the Server Module at the IP Address and IP Port identified in the Switcher database.