Sample Program

Description

The sample program demonstrates programming a Smart Graphics Media Player to interact with Crestron audio devices. The audio devices controlled in this program are the ATC-AUDIONET (installed on a CEN-TRACK), ATC-AMFMXM (installed on CEN-TRACK), ATC-AMFM2 (installed on CEN-TRACK), C2N-TAMFMXM, C2N-TXM, CEN-NSP-1, and Autonomic media server.

Features

- AMFM radio tuner control
- XM radio tuner control
- ATC-AUDIONET control
- CEN-NSP-1 control
- Autonomic media server control

Equipment

This program is designed to work with the following hardware:

Ethernet Devices

Device	IP ID
MC3 Control System	N/A
ATC-AUDIONET	03
CEN-HPRFGW	04
CEN-NSP-1	05
Autonomic media server	06
CEN-TRACK	09
XPanel for Smart Graphics	10
TSW-752	11
TSW-1052	12
TPMC-8X-GA	13
TPMC-V15	14
CRESTRON-APP-iPhone	15
CRESTRON-APP-iPad	16

Cresnet Devices

Device	Net ID
C2N-TAMFMXM	03

RF Devices

Device	RF ID
TST-902	03
TSR-302	04

Tuner Cards

Card	Host Device
ATC-AMFMXM	CEN-TRACK Slot 1

ATC-AMFM2   CEN-TRACK Slot 2
ATC-AUDIONET CEN-TRACK Slot 3

Firmware and Software

Device	Firmware Version
MC3	1.011.0023 or later
CEN-NSP-1	1.002.0013 or later
TSW-752	1.002.0001.004 or later
TSW-1052	1.002.0001.004 or later
DGE-2	1.00.03.413 or later
TPMC-8X-GA	1.00.03.418 or later
TPMC-V15	1.00.02.420 or later
ATC-AMFM2	2.000.0000 or later
ATC-AMFMXM	1.02.00 or later
ATC-AUDIONET	1.006.0042 or later
CEN-TRACK	1.03.06 or later
C2N-TAMFMXM	1.000.0000 or later
Crestron App	1.2.5.40 or later
TSR-302	1.000.0046.002 or later
TSR-902	1.002.0001.004 or later
Autonomic mms	4.5.13281.0 or later

Software	Version
Simpl Windows:	4.03.20.00 or later
Device Database:	69.00.002.00 or later
Crestron Database:	53.05.005.00or later
VTPro-e:	6.0.01 or later
Core3 UI Controls:	2.08.02.18 or later
Toolbox:	2.40.731 or later

Notes

Source Names

The following table maps the source names to the corresponding devices.

Source Name	Crestron Device
"AMFM 1"	CEN-TRACK-AMFMXM AMFM tuner
"XM 1"	CEN-TRACK-AMFMXM XM tuner
"AMFM 2"	CEN-TRACK-AMFM2 AMFM tuner 1
"AMFM 3"	CEN-TRACK-AMFM2 AMFM tuner 2
"AMFM 4"	C2N-TAMFMXM AMFM tuner
"XM 2"	C2N-TAMFMXM XM tuner
"Internet Radio"	CEN-TRACK-ATC-AUDIONET Internet Radio
"NSP"	CEN-NSP-1
"MMS Zone 1"	Autonomic MMS 2A Main Zone
"MMS Zone 2"	Autonomic MMS 2A Player A

PRO3, AV3, or CP3N Usage

If the program is to be modified to use a PRO3, AV3, or CP3N, the IP Port Number and Ethernet Adapter Type may need to be specified to accommodate a custom installation. For details, refer to Page 14 of the Smart Graphics Media Player Programming Guide.

Add Additional UIs

NOTE: Detailed directions are available from the Media Server Object Router v3.0.cmc module's help file. To open the file, select the module and press **F1**.

1. Create a touch screen project in VT Pro-e that contains a Media Player. For details, refer to Page 1 of the Smart Graphics Media Player Programming Guide.
2. Add the touch screen to the control system program and import the .CED file from the sample program zip file. For details, refer to Page 4 of the Smart Graphics Media Player Programming Guide.
3. Add the appropriate modules and connect the CRPC signals. For details, refer to Page 7 of the Smart Graphics Media Player Programming Guide.
   - For Crestron tuners, the tuner hardware modules are located under "S-3.1 – Tuner Hardware Modules".
   - For Crestron tuners, the user interface modules are located under "S-3.2" through "S-3.8" and grouped by physical user interface and further by device type.

Load the Program and Project Files

Load the compiled program and project files in the following order:

1. Smart Graphics Media Player program to the control system.
2. Each touch screen project to the corresponding touch screen hardware.