

Overview

In addition to uploading messages via FTP (see Configuring CSRDS for FTP Upload), CSRDS can be configured to send metadata in a user definable format to various devices and services via TCP/IP, UDP, HTTP, HTTPS or as a URL posting. This is normally used to send metadata to a streaming service but can be any device or service using metadata for displays or other purposes.

Depending on the local automation system you may be able to send this data directly from the automation system to the device/service. However, if we need to send metadata such as a now playing data from a satellite service, web captures, promotional material or other data not available in the automation system we can configure CSRDS to send this additional data.

Configuration

Before we can configure CSRDS to send the metadata we will need to know the format and how to communicate with the service.

As for the format, the installation directory has several pre-defined templates for various streaming services such as Triton, Telos SurferNet and some services will use our default RDS.XML template but if the service requires something different we can create a template specific to their needs. See the RDS Templates.PDF on the Downloads page for information of templates. As for communication, the most common are TCP/IP or as a URL post and some will monitor a file.

To Configure CSRDS:

1. Select Properties from the Tool Menu and click the HD/IP Output Tab
2. Enter the IP and Port or the URL for a URL posting
3. For Triton, Telos or iHeart Radio select the corresponding option, for all others select Use Template. (RDS\RBDS will send the RDS commands as DSP= and TEXT= and the Pass Through option will send the raw data from the input source.
4. Use the Browse Command in the Merge Template area to select the template required to format the data for this service.
5. Select the Communication link (TCPIP, UDP, HTTP, HTTPS, Web)
6. Click OK to save the settings and return to the main controller window
7. Click F5-Start to put CSRDS back on-line.

Since this process is often used to send commercial event to the stream for substitution this will be the first posting CSRDS will make and it will appear in the Event Log as SENT:

Special Templates

In some cases the post to the service is a URL posting which we control with the template. For Example:

URL=http://***USER***.***PASS***@war.str3am.com:7790/admin/metadata?mount=/waft&mode=updinfo&song=**
*ARTIST***%20***TITLE***

The URL= tells CSRDS to use a CURL formatted post. Again the RDS Templates.PDF has info on special template commands.