Overview

CSPRM is an Add-On for the Center Stage Live to monitor and capture now playing information from the Public Radio Satellite Service (PRSS) Content Depot MetaPub Service. CSPRM will be installed in the Center Stage Live installation directory is configured with the schedules for the various MetaPub programming.

Programs are scheduled by Station, Date. Time-Of-Day and Day-Of-Week and if required the capture can be time shifted several hours for different Time zones or delayed programming. Longer delays or repeat broadcast can be configured using the Repeat Broadcast functions included in the Center Stage Live package.

Once configured, CSPRM will capture the metadata from the MetaPub service and send it to Center Stage Live's CSRDS module for posting to RDS\RBDS FM Receivers, HD Radio, The Artist Experience for the PRSS artwork, Web Sites, Streaming Services, web services such as TagStation/Next Radio, IHeartRadio, TuneIn, etc.

System Requirements

CSPRM will run on the same computer as CSRDS and will require Internet Access to monitor the MetaPub Service. Like CSRDS, CSPRM will run on any computer running Windows XP, 7, 8, 10 or Windows Server operating systems.

Center Stage Live is required for CSPRM and for the purposes of this document it is assumed your Center Stage Live installation is configured with at least one instance of CSRDS. If running MetaPub for the entire day a single instance of CSPRM is all that is needed. If MetaPub is used for some day parts and another source for other day parts you will need to run a Local and Remote instance of CSRDS.

Installing CSPRM

To install the CSPRM Add-On for Center Stage Live us as follows. You Will need Administrator Rights to install the software.

	-
1. Download the installation set from	When Requested, select Save to download the install
http://www.arcticpalm.com/Downloads/CSPRM.exe	set to your computer or select Run to install the
	software on the download computer.
2. Run the Installation Set.	If Security Warnings are displayed, select Run Anyway.
	Depending on your Security Software you may need to
	Select More Option and/or stop the timer.
3. When Requested Click Yes to begin the installation	
process	Arctic Palm Technology Inc
	CSPRM Capture for Center Stage Live
	Continue Installation?
	Ver No
4. Extract the Install Set and Click Setup to install the	
software.	WinZip Self-Extractor - CSPKM.exe
	When requested use the Change Directory command to select the Change Directory command to
	Center Stage Installation directory.
5. At the Welcome Window click OK.	
	Welcome to the CSPRM installation program.
	Setup cannot install system files or update shared files if they are in use.
	be running.
	OK Exit Setup
6 If pagagang upo the vellow Change Directory of the second	
6. If necessary use the yellow Change Directory command	
Contor Stage Live is installed on another computer or	
notwork sonor you will need to select the Contor Stage	Click this button to install CSPRM software to the specified destination directory.
Live installation directory on that computer Depending	Directory:
on your version of Windows and settings manned drives	C:\CenterStage\
may not show in the Change Directory window. If not	Egit Setup
use the UNC path to the Center Stage For Example:	
\\Server123\CenterStage.	Enter or select a destination directory. <u>P</u> ath:
	\\FleServer7\CenterStage Directories:
	CAN CONTRACTOR CONTRAC
	CSArchive
	insactools under Cancel

7.	Once the Path is correct Click the Green Computer Icon to continue with the installation	Click this button to install CSPRM software to the specified destination directory. Directory: CACenterStage Exit Setup
8.	Read the License Agreement when displayed and clickthe green I Agree to continue with the installation or click the red I Disagree to cancel the installation.	License Agreement SOFTWARE LICENCE AGREEMENT IMPORTANT: YOU SHOULD CAREFULLY READ THE FOLLOWING TERMS AND CONDITIONS BEFORE CONTINUINING THE INSTALLATION. THE PROGRAM IS LICENSED NOT SOLD. THESE TERMS AND CONDITIONS DEFINE WHAT YOU MAY DO WITH THE PROGRAM AND CONTAIN LIMITATIONS ON WARRANTIES AND LIABILITY. CLICKING LARGEE INDICATES YOUR ACCEPTANCE OF THESE TERMS AND CONDITIONS. IF YOU DO NOT AGREE WITH THEM, CLICK I DISAGREE TO EXIT THE INSTALLATION. 1.License. Subject to the terms of this Agreement, Arctic Paim Technology Inc. ("Arctic") hereby grants you a non-exclusive licence to use the computer programs contained therein (colectively, the "Program") in machineredable, object code form only, and to use the accompanying user documentation (the "User's Manual"). 2.Restrictions. The Program may be used by only a single user at one time on a single computer owned, leased, or othewise concluded by you. If you wish to use the Program for multiple users, you will need to buy an additional licence seal for each additional licence fees. 'You may make ence copy of the Program and not copy of the User's Manual for backup purposes. Any such copies shall include Arctic's copyright who additional licence fees.' You may make ence copy of the Program and not copy of the User's Manual for backup purposes. Any such copies shall include Arctic's copyright under law.' IThis computer program is protected by copyright law and international treaties. Unsubnized reproduction or distribution of this program. or any potton of it, may result in second additional penalities, and will be proserved to the maximum extent possible under law.
9.	Select the Start Menu Item where you would like the CSPRM Shortcut to be placed and click the yellow Continue command. The Icon will also be added to the Desktop and can be copied to the Start Up Directory to ensure the program is restarted when the computer is re-booted.	CSPRM - Choose Program Group Setup will add items to the group shown in the Program Group box. You can enter a new group name or select one from the Existing Groups list. Program Group: Center Stage Existing Groups: Accressories Administrative Tools Center Stage Center Stage Call Screening Citrix Maintenance Microsoft Web Publishing Startup WSpell
10.	CSPRM will now be installed in the selected directory, the icons will be added to the Start Menu and the Desktop and the installation is complete	CSPRM Setup CSPRM Setup was completed successfully.

Configuring CSPRM

The first time you run CSPRM you will receive a message about configuring CSPRM and be taken to the Program Schedules Window. To add, delete or modify Public Radio Programming, Select Program Schedules from the Tools Menu.

Note: When minimized CSPRM will be in the System Tray. To Access the program click the arrow (normally bottom right next to the date and time) and Right Click the CSPRM icon and select Restore.



1.	Ensure the Center Stage Installation Directory is Correct	This will be where CSRDS and the other Center Stage Live programs are installed.
2.	Select the Station ID that this program is to be used.	Station ID's are defined in the CSScheduler module of the Center Stage package. In CSScheduler select Stations and Logos from the Tools menu to add or remove station ID's.
3.	Select the program to be used.	Once Selected, the bottom left area will display the file(s) to be monitored by CSRDS. Once configured, in CSRDS add these files to the Music From File area for a single program or Select CSRAS and the music format, Click the Green Categories command and select all CSPRM files to be monitored.
4.	Select the Start Date as to when this program will be used.	The Start date is the first date CSPRM will start monitoring MetaPub for now playing information for the select program.
5.	Select the End Date or enter TFN for Until Further Notice.	The End date is the last date CSPRM will monitor MetaPub for the programming content.
6.	Enter the On and Off times for this Program	The On and Off times will be based on your local computer time. The MetaPub data is in Easter Time.
7.	RDS Datacasting Message	Use this area to add a "Static" message to be used when the scheduled program is playing but does not have any metadata for the current segment.
8.	If desired, use the Browse command to select a graphic for The Artist Experience.	Select a JPG or PNG file to use with this program if artwork is not available from MetaPub.
9.	Do Not Use PRSS Artwork	Select this option to use your own artwork instead of MetaPub Artwork,
10.	Time Shifting	If not in the ET Time Zone, use leave all Time settings blank for a live broadcast, "Use ET TZ" if airing the program at the same day part as ET. Eg what played at 8am ET will play at 8AM PT, or use the TS+ or TS- to time shift the metadata from your Time to the desired ET time.
11.	Use the Green Save Schedule command to update the schedule.	To modify a schedule, double click the entry in the top portion of the window, make your changes and click the green Save Schedule or the Red Delete Schedule commands.

Configuring CSRDS to Post Data from CSPRM

This section covers the specifics for configuring CSRDS to capture data from CSPRM and post it to the various devices and services. For details on configuring CSRDS follow the instructions in the CSRDS Configuration Guide located in the PDF directory of the ARCTICPALM\Center Stage Live CD\PDF directory included in the Center Stage Live install set.

CSRDS Input Sources Tab

When running PRSS programming all day everyday configure a local instance of CSRDS as follows:

1. In CSRDS select Properties from the Tools Menu and select the Input Sources Tab.

CSRDS Properties			
Config File	CSRDSCKDK-FM.INI		
General Input Sources RDS/RBDS	FTP/File Output HD/IP Output Other		
Hard Disk System Connection	Music Format		
Maximum Speed ***Port	C Arrakis C Maestro C Storg		
Connection Elow Control	CSRAS C NexGen C WO		
Data Bits: 8 - • Hardware	ODalet COMT CZara		
Parity: None C Xon/Xoff C BTS	C DJB C Radiomation R3		
Stop Bits: 1 💌 C Xon/RTS	C DiPRO C RCS Bilboard		
Channels	Genesys C Satellite Schedule		
	GML C Simian		
	Jazier C Smarts		
Music From File ** File List **	Browse		
Artist/Title Separator	Brand ID On PALM-FM 🔽 Year		
Artist First Re	verse Name Title - Artist On PALM-FM		
Send Sponsors Pr	efix With Sponsored By		
Send Coming Events			
Split Input Source	ext Format • As is C UPPER C Normalize		
Log File	Browse		
Format	CSLogIt File		
Add to Target Line in Shortcut CKDK-FM	0K Close		

- 2. Select CSRAS as the Music Format
- 3. Click the Green Categories Tab

CSRAS File	SRAS Files to monitor		
Music	Commercial	Music From File List Browse State Constant Const	
MUS	СОМ	S:\CSWrite\NPR\ALLTHINGSCONSIDERED_CKD S:\CSWrite\NPR\CLASSICAL24_CKDK-FM.XML S:\CSWrite\NPR\MorningEdition_CKDK-FM.	
]	Continue	Double Click to Remove from list	

- 4. Use the Browse command to select the CSPRM files created in CSPRM. These will be located in the NPR subdirectory of the Center Stage Live installation directory.
- 5. When all files are selected click Continue
- 6. Click OK to Save the changes and F5-Start to put CSRDS back On-Line.

CSRDS Input Sources Tab – Satellite Instance

When running PRSS programming for selected day parts you will need to configure a "Satellite/Remote" instance of CSRDS. To do this:

- 1. In the local instance that will be used outside of the PRSS scheduled periods select Properties from the Tools Menu and select the Input Sources Tab.
- 2. In the "Split Input Sources" section select Local.
- 3. Click OK to save the settings and return to the main controller window.
- 4. Click F5-Start to put CSRDS back on-line.
- 5. Right Click on the Desktop and select New Shortcut
- 6. Use the browse command to select the CSRDS.exe (application) in the Center Stage Live Installation directory
- 7. Click Next and Change the name to reflect the Satellite instance
- 8. Start CSRDS using the new Icon and select Properties from the Tools Menu. This will start the local instance which will be shutdown as soon as you open the Properties window.
- 9. Uncheck the Local option in the Split Input Sources section.

CSRDS Properties			
Config File	CSRDSCKDK-FM_SAT.INI		
General Input Sources RDS/RBDS F	FTP/File Output HD/IP Output Other		
Hard Disk System Connection Maximum Speed Pot 9600 V (None) V Connection Flow Control Data Bits: 8 G G Hardware Parity: None C RTS Stop Bits: 1 C Xon/XRTS Channels B V 1 V 2 V 3 V 4 WEB Input from IP	Music Format		
Music From File XX File List XX	Jelli->Size U SS32 L - E Educionica Browse		
Artist/Title Separator · Brand ID On CKDK-FM Vear			
Artist First Reverse Name Tule - Artist On CKDK-FM ✓ Do not send promos during songs ✓ Son not send promos Dynamic With Connected Bu			
Send Coming Events Split Input Source Local Schedule	Text Format		
Log File C:\CSWrite\MusicFrom\K106F	RDS.XML Browse Browse		
Add to Target Line in Shortcut CKDK-FM_SAT	OK Save Close		

- 10. Select CSRAS as the Music Format
- 11. Click the Green Categories Tab

CSRAS Files to monitor			
Music	Commercial	Music From File List S:\CSWrite\NPR\ALLTHINGSCONSIDEREI	Browse CKDK-FM.
MUS	COM	S:\CSWrite\NPR\CLASSICAL24_CKDK-FN S:\CSWrite\NPR\MorningEdition_CKDB	4.XML K-FM.XML
Cor	ntinue	Double Click to Remove from list	

- 12. Use the Browse command to select the CSPRM files created in CSPRM. These will be located in the NPR subdirectory of the Center Stage Live installation directory.
- 13. When all files are selected click Continue
- 14. Select Satellite in the Music Format Section

15. Click the yellow Schedule command



- 16. Enter CSRAS as the format
- 17. Enter the Start and end time to use the PRSS programming
- 18. Select the Days to use the PRSSS programming
- 19. Click Add to add the schedule
- 20. Repeat until all of the PRSS schedules are entered
- 21. Click Update to save the Schedules
- 22. Click Continue to return to the Input Sources Tab
- 23. Select CSRAS as the Music Format
- 24. Click OK to Save the changes. This will display a message about creating a shortcut to the instance with the command like to add to the shortcut. Click OK
- 25. Click F5-Start to put CSRDS back On-Line.
- 26. Right Click on the desktop shortcut and add the command line as shows in the display. Eg: the local instance would be C:\CenterStage\CSRDS.exe PALM-FM and the satellite instance would be C:\CenterStage\CSRDS.exe PALM-FM_SAT.