

Ryarc Technology Ltd. – Release 2.2	
Release Notes	Date: 13 March 2009



Ryarc Technology Ltd.

CampaignManager 2009 XE

Release Notes

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Software Requirements

1. Minimum Software Requirements

Supported Operating Systems

- Windows XP
- Windows Vista
- Windows 2003 Server

3rd Party Frameworks / Components / Applications

- Microsoft .Net Platform 2.0
- Adobe Flash Player 9
- DirectX 9.0c Runtime

The above software requirements are included in the Ryarc CampaignManager 2009 XE Installer.

Other Services and Applications

- Internet Information Services
- Internet Explorer 7.0

2. Minimum Hardware Requirements

Please refer to the Microsoft .Net 2.0 minimum hardware requirements available here:

<http://www.microsoft.com/downloads/details.aspx?FamilyID=0856eacb-4362-4b0d-8edd-aab15c5e04f5&displaylang=en>

All Ryarc CampaignManager products (with the exception of Neptune) must be installed on a PC which contains a graphic device capable of rendering DirectX 9.0c Vertex Shaders 1.1 either through software or hardware.

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3. Additional Features

Ryarc CampaignManager 2009 XE (Extended Edition) contains additional features outlined below. Please refer to the individual product help files for more information.

3.1 CampaignManager

CampaignManager has had several issues resolved from previous versions and contains a number of new features.

3.1.1 Pop-up Zones

Pop-up zones can be used to play media items in a zone which appears and disappears based on specific intervals. Any zone can be configured to be a pop-up zone by right-clicking a zone in the Campaign Edit window and selecting 'Properties > Enable Popup'. The interval, style and speed of the popup zone can be set from within the properties window. Pop-up zones do not in any way interfere with the playback of zones which sit 'under' the pop-up zone itself. For example, a pop-up zone may appear over a zone playing video for a specific time, yet the underlying video will continue to play whilst being partially or fully covered by the pop-up zone.

3.1.2 Remote Display Device Meta-Tags and Media Meta-Tags

Both Remote Display Devices (RDDs) and individual media items can have a user definable set of meta-tags associated with them. Up to 10 fields can be used to store any text based data for example, RDD location, RDD Position, Screen Size etc.

To define the RDD meta-tags in CampaignManager go to the main toolbar and select 'Tools > RDD Tag Template'. To define the Media meta-tags in CampaignManager go to the main toolbar and select 'Tools > Media Tag Template'.

Meta tags for both RDDs and media items can be displayed in Neptune Reports. Media tags can also be exported using playlist exports in the Campaign Editor window.

3.1.3 ATSC Digital Television Support

Previous versions of CampaignManager only supported DVB-T digital television signals. ATSC is now supported which caters to users based in the United States. Analogue QAM is also supported for direct reception cable channels.

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3.1.4 Other Minor Improvements

- 1) Pool changes are now recorded as part of the project history.
- 2) A 'Date Modified' column has been added to the list of media files for each pool.
- 3) Minor UI changes to the TV tuning form.
- 4) Licence expiration details are now displayed in 'Help > About'.

3.2 CM Service

The CM Service has been enhanced to reduce data redundancy in increase speed. Most of the changes are related to the way CM Service manages the media file store. Optimisations have been made to reduce the CPU load when new campaigns have been published to multiple RDDs.

3.3 Neptune

The Neptune Reporting Web Application has been enhanced to allow its reports to include the additional meta-tags for Remote Display Devices and Media items (refer to section [3.1.2](#)). The Neptune Installer will upgrade existing Neptune databases to allow cater for this feature.

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4. Upgrading from CampaignManager 2008

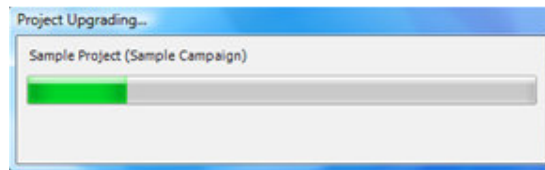
Ryarc CampaignManager 2009 XE will assist in upgrading projects created in CampaignManager 2008. To upgrade, please follow the steps outlined below.

- 1) Uninstall each component from CampaignManager 2008: Start > Program Files > Ryarc CampaignManager 2008 > Uninstall Ryarc CampaignManager 2008.
- 2) Install and configure CampaignManager 2009. Refer to the [Quick Start Guide](#) for help with installation and configuration.
- 3) Start CampaignManager 2009 XE.
- 4) If a project is opened by default, a screen will appear prompting the user to upgrade the project.

Each time a project created in CampaignManager 2008 is opened in CampaignManager 2009 XE, the form shown above will appear for each campaign within the project.

Click 'Yes' to continue with the campaign update.

- 5) The following progress bar will appear during the campaign upgrade.



- 6) Once the upgrade is complete, all campaigns should be in the same state as the previous version and ready for modification.
- *Project upgrades are supported from versions 1.4, 1.5, 2.0 & 2.0.1 (CampaignManager 2008)*
 - *Players upgraded from 1.4 and 1.5 will need to re-download all campaigns and media files from the CM Service.*
 - *Projects created in CampaignManager 2009 are backward compatible with CampaignManager 2009 XE and no upgrade is required.*

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5. Version Compatibility Graph

All components within the CampaignManager 2009 XE package are backwards compatible with each component in CampaignManager 2009.

CampaignManager 2009 XE	CampaignManager 2008					
	CampaignManager	CM Service	Node Server	CM Player	Neptune	Dappler
CampaignManager	-	Yes	Yes	Yes	-	Yes
CM Service	Yes	-	Yes	Yes	Yes	Yes
Node Server	Yes	Yes	-	No	-	No
CM Player	Yes	Yes	No	-	Yes	-
Neptune	Yes	Yes	Yes	Yes	-	Yes
Dappler	Yes	Yes	No	-	Yes	-

- *This is a general compatibility graph and should be used as a guide only. Ryarc strongly recommends that all applications run the same version.*

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6. Known Issues

The following is a list of known issues associated with the current release:

1. CampaignManager has limited functionality when running under Windows Vista with User Account Control (UAC) enabled.
2. If image blending is enabled, pop-up zones may not scroll smoothly. It is advisable to disable image blending when using pop-up zones.
3. If a file (for example image or video) is inserted between 2 TV channels in a playlist, the channel played after the inserted file may hang for a few seconds before commencing playback.
4. CampaignManager, CM Service, and CM Player are not supported on Turkish language versions of Windows and English language versions of Windows running Turkish regional settings.
5. TV playback may not work when assigned to an instance of the CM Player which is configured to play on any screen other than the primary screen.
6. Very large images relating to a specific RSS feed will cause the player to momentarily hang as it loads within a Ticker.
7. The Watermark may appear to flicker when played over video on PCs using embedded graphics chipsets.
8. If CM Service is installed on Windows Vista, IIS 6 Compatibility Components must also be installed. This can be installed from 'Add / Remove Windows Features' in the Control Panel and is listed under 'Internet Information Services' tree node.
9. In Windows Vista, if User Account Control (UAC) is turned on, the user must "Right Click -> Run as Administrator" for the following applications:
 - a. CMS
 - b. Node Server
 - c. Multicast Server
10. If an administrator runs CampaignManager or the CM Service for the first time on a particular machine, then the administrator must assign full permission to the 'User' group on the following directories in order to allow 'Users' to run CampaignManager:

Windows XP and 2003: C:\Documents and Settings\All Users\Application Data\Ryarc

Vista: C:\ProgramData\Ryarc

Note: Some TV tuners may use multiple graph filters for rendering video. This may cause problems to occur when playing back video in CampaignManager. If this is the case a generic TV filter can be installed which CampaignManager will use to render video from TV tuners. Applications such as MediaPortal (<http://www.team-mediaportal.com/>) can install these filters automatically.