



ProMedia Carbon MP 3.22 Release Notes

Revision A

January 21, 2013

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1 About this Document

This document contains information specific to new features and open/resolved issues for the ProMedia Carbon MP 3.22 release.

1.1 Release Notes Revision History

Doc Rev	Description of Change	Build	Date
Rev A	Initial document version	3.22.0.44258	January 21, 2013

2 Introduction

Version 3.22 is the first version of ProMedia Carbon MP. ProMedia Carbon MP is based on ProMedia Carbon, Harmonic's file-based transcoder, but has been specifically adapted for Amazon's Web Services (AWS) Marketplace. AWS Marketplace is an online store that helps customers find, buy, and immediately start using software and services that run in the Amazon EC2 cloud. Users of Carbon on the AWS Marketplace will be charged by the hour rather than for a permanent license.

ProMedia Carbon MP exists as a standalone application in the AWS Marketplace and it can be controlled by the GUI and through the API but not by WFS.

Expanding the feature set of Carbon MP by means of additional licenses for features such as **Dolby E** and **ProRes** is not allowed.

2.1 Software Versions

The ProMedia Carbon MP release 3.22 uses the following software build numbers:

Application	Build Number
ProMedia Carbon MP	3.22.0.44258

There are no Carbon Server / Agent versions for Carbon MP, and Carbon MP cannot be controlled by Workflow System (WFS).

2.2 System Requirements

2.2.1 Hardware Requirements

Carbon MP 3.22 is available on the following AWS Marketplace instance types:

- m1.large
- m1.xlarge
- c1.medium
- c1.xlarge

- m2.xlarge
- m2.2xlarge
- m2.4xlarge

2.2.2 Operating System Requirements

The Operating System used with Carbon MP 3.22 on the Marketplace is Windows Server 2008 R2.

3 Features

Carbon MP version 3.22 is the first version of Carbon MP. Carbon MP 3.22 is based on Carbon 3.22, but adapted for use on the AWS Marketplace. It contains all features available in Carbon 3.22, within the restrictions listed in the Known Issues section.

Carbon MP includes a log tool that collects statistics about the use of several audio and video codecs. The collected data are about the codecs only and DO NOT correlate codec usage with specific Carbon MP users.

4 Resolved Issues and Improvements

Since Carbon MP 3.22 is the first release of Carbon MP there are no issues in a previous Carbon MP release that have been fixed in 3.22. For fixed issues that are not specific to Carbon MP but that have been fixed in regular Carbon 3.22, please refer to the Carbon 3.22 Release Notes on the Transcoding Community Forum.

5 Known Issues

Compared to Carbon 3.22 (regular Carbon, not for the Marketplace), Carbon MP 3.22 has a number of limitations, listed below.

1. QuickTime is not part of the AMI and needs to be installed by the user. Carbon 3.22 MP is compatible with QuickTime 7.6.9.
2. The following Exporters are unavailable:
 - The MP3 Exporter
 - The Flash Exporter
 - The Avid Exporter
3. The following codecs are unavailable:
 - MP3
 - MP3 source material cannot be decoded.
 - The H.264 Exporter, the HTTP Live Streaming Exporter and the MPEG-2 Exporter v2 are affected, and either it is not possible to choose MP3 as the audio format in the GUI or an error is thrown when an attempt is made to encode to MP3.
 - AMR NB
 - The AMR Narrow Band choice is removed from the QT 7 Exporter.
 - The QuickTime Plugins, when used with 3G as the Exporter type, will not allow AMR NB audio. This means that for 3GPP the supported format is AAC-LC and for 3GPP2 it is AAC-LC and QCELP.