

BMAT's Vericast

**Metadata File for
Production Music**

Reference Guide

Version: 1.2 - EN



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Version History

<i>Version Number</i>	<i>Date</i>	<i>Description</i>	<i>Filename</i>
1.0	11/12/2015	First release	Production Music metadata XLS Reference Guide - v1.0 EN
1.1	18/12/2015	Replace field "Genre" with fields "GEN:X:Genre", "GEN:X:SubGenre" + added fields "Mood" and "TrackSubNo"	Production Music metadata XLS Reference Guide - v1.1 EN
1.2	19/03/2019	Add field CDArtwork to support album cover art	Production Music metadata XLS Reference Guide - v1.2 EN

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1. Glossary

<i>Term</i>	<i>Definition</i>
DELIVERY	Batch of reference files that are uploaded to the platform together with the corresponding metadata.
METADATA	Information about the audio reference (for example: title, artist, label...).
REFERENCE	Audio file to be used as a reference for recording analysis.
VERICAST	BMAT's Music Monitoring solution.

2. Introduction

This document gives details on the process of edition of metadata of the references in the specific **metadata.xls** BMAT format.

The metadata brings textual information of an audio file, which is needed to identify and index the correspondent audio in Vericast. That is why every file uploaded to the platform must include data that describes it precisely and consistently.

Apart from the metadata format described in this document, BMAT also accepts MMD XML (used by Parigo and Phononet) and Harvest XLS, among others.

In case of any doubt, please, contact content-support@bmat.com

3. The Metadata File

BMAT's metadata format metadata.xls is based on an **MS Excel sheet** (MS Excel 97/200/XP/2003 - .xls- or 2007/2010 -.xlsx-) and can be edited using Microsoft Office or any other compatible software like LibreOffice's Calc (<http://www.libreoffice.org/>).

Every row of this file contains the metadata of one audio file. BMAT may provide you with a sample file.

3.1 Placement and Naming

This file is placed at the **root of the delivery folder** and contains the **metadata of each reference** contained in this specific directory. The audio files may be placed in several subdirectories, but there must be **only one metadata file per delivery folder**.

The metadata filename, **metadata.xls** or **metadata.xlsx**, must not be changed so that the system can recognize it.

3.2 Header and Data Fields

The first row of the Excel file represents the header that describes the necessary information for each audio file. Each audio file must be placed in a separate row. There are 3 types of fields: mandatory, optional and users generated. **The header** of the mandatory and optional fields **should never be modified**, because the system interprets each column's content by its name. On the other hand, the optional columns that are left empty **must not be deleted**.

3.2.1 Mandatory Fields

The corresponding cells of these fields **must always contain** the relevant audio information. These fields are as follows:

- **TrackFilepath:** the path of the audio file related to the upload directory. It represents the exact name of the audio file preceded by the name of the subdirectories where the file is located inside the delivery folder, separated by a slash (/).

For example, if you have the audio file placed in
.../references/20100806_0001/WOM001/WOM_WOM_0001_00101.mp3, where
.../references/20100806_0001/ is the delivery folder with the file
.../references/20100806_0001/metadata.xls, the URL field must be
WOM001/WOM_WOM_0001_00101.mp3.

The URL allows us to link unequivocally the audio file with the information of the row where it is placed.

- **TrackDisplayTitle:** in order to avoid any indexing issue in Vericast, the title must be written correctly, as it is published. If the track version is not the same one as the standard album version (for example, if it is a 30 seconds or instrumental), this must appear in this title.
- **Library:** name of the library to which the track belongs.
- **COM:1:NamesBeforeKeyName, COM:1:KeyName:** at least one composer's name has to be provided for every track.

If his/her first name (that is, his/her *NamesBeforeKeyName*) is not available as separate value, it can be provided together with the last name, in column *COM:1:KeyName*.

- **Version:** the track version. It could be, for example, *30 Second, Sting, Underscore, Instrumental*.

In case of any doubts, please, contact content-support@bmat.com.

3.2.2 Optional Fields

- **CatNo:** Catalog Number, it is the code which identifies the album corresponding to the track.
- **CDTitle:** the album title of the corresponding track. In order to avoid any indexing issue in Vericast it should be written in its official format.
- **TrackTitle:** the track title without any version information.
- **TrackAlternateTitle:** an alternative title for the track.
- **TrackNo:** the track sequence number within the album.
- **TrackSubNo:** in case of a group of tracks having the same track number (*TrackNo*), the track sub-number (*TrackSubNo*) allows to define the sequence of the tracks within the group.
- **Mixout:** the track mixout type (example: *fade out*).
- **Length:** the duration of the track, in seconds.
- **GEN:X:Genre:** the X-th music genre of the track.
In case of multiple genres, a column *GEN:X:Genre* must be added for every individual genre.
- **GEN:X:SubGenre:** the music sub-genre associated to the X-th music genre.
A column *GEN:X:SubGenre* can be added for every corresponding X-th genre.
- **BPM:** the BPM (Beats Per Minute) of the track.
- **Tempo:** the tempo of the track, It could be, for example, *Slow, Medium, Medium-fast*.
- **Mood:** the mood associated to the track.
In case of multiple moods, they must be separated by semicolon (;).
- **Keywords:** the keywords associated to the track. They could be, for example, *Futuristic, Female, Exciting*.
In case of multiple keywords, they must be separated by semicolon (;).
- **Instrumentation:** the musical instruments involved in the recording, like, for example, *Electronic Drums, Tubular Bells, Guitar*.
In case of multiple instruments, they must be separated by semicolon (;).
- **TrackDescription:** a summary or description of the track.
- **CDDescription:** a description of the album.
- **ReleaseDate:** the date in which the track has been released, formatted as YYYY-MM-DD (e.g.: 2013-01-15)
- **Lyrics:** the lyrics of the track.

- **COM:X:NamesBeforeKeyName:** the name(s) (typically the first name) that precedes the key name of the X-th composer (example: John).
If his/her NamesBeforeKeyName is not available as separate value, it can be provided together with the last name, in column *COM:X:KeyName*.
- **COM:X:KeyName:** the key name (typically the last name/surname) of the X-th composer (example: Smith).
The *KeyName* is a mandatory value for every composer.
If more composers are available, the 5 composer's columns (*COM:X:NamesBeforeKeyName*, *COM:X:KeyName*, *COM:X:Society*, *COM:X:IPI* and *COM:X:PerformanceShare*) have to be added for each composer.
- **COM:X:Society:** the collecting society the X-th composer is affiliated to (example: ASCAP).
- **COM:X:IPI:** the CAE/IPI code of the X-th composer.
- **COM:X:PerformanceShare:** the percentage share (without the “%” symbol) of royalties for the X-th composer on the track.
The shares of all the composers + the shares of all the arrangers of a track **must sum 100**. So, for example, if a track has only 1 composer, his/her share should be 100.
- **ARR:X:NamesBeforeKeyName:** the name(s) (typically the first name) that precedes the key name of the X-th arranger (example: John).
If his/her NamesBeforeKeyName is not available as separate value, it can be provided together with the last name, in column *ARR:X:KeyName*.
- **ARR:X:KeyName:** the key name (typically the last name/surname) of the X-th arranger (example: Smith).
The *KeyName* is a mandatory value for every arranger.
If more arrangers are available, the 5 arranger's columns (*ARR:X:NamesBeforeKeyName*, *ARR:X:KeyName*, *ARR:X:Society*, *ARR:X:IPI* and *ARR:X:PerformanceShare*) have to be added for each arranger.
- **ARR:X:Society:** the collecting society the X-th arranger is affiliated to (example: ASCAP).
- **ARR:X:IPI:** the CAE/IPI code of the X-th arranger.
- **ARR:X:PerformanceShare:** the percentage share (without the “%” symbol) of royalties for the X-th arranger on the track.
The shares of all the composers + the shares of all the arrangers of a track **must sum 100**. So, for example, if a track has only 1 arranger, his/her share should be 100.
- **PUB:X:KeyName:** the name of the X-th publisher of the track (example: Prime Time Publishing).
The *KeyName* is a mandatory value for every publisher.
If more publishers are available, the 4 publisher's columns (*PUB:X:KeyName*, *PUB:X:Society*, *PUB:X:IPI* and *PUB:X:PerformanceShare*) have to be added for each publisher.
- **PUB:X:Society:** the collecting society the X-th publisher is affiliated to (example: ASCAP).
- **PUB:X:IPI:** the CAE/IPI code of the X-th publisher.

- PUB:X:PerformanceShare:** the percentage share (without the “%” symbol) of royalties for the X-th publisher on the track.
 The shares of all the publishers of a track **must sum 100**. So, for example, if a track has only 1 publisher, its share should be 100.
- SUB:X:KeyName:** the name of the X-th sub-publisher of the track (example: Belwin Publishing Co.).
 The *KeyName* is a mandatory value for every sub-publisher.
 If more sub-publishers are available, the 4 sub-publisher's columns (*SUB:X:KeyName*, *SUB:X:Society*, *SUB:X:IPI* and *SUB:X:PerformanceShare*) have to be added for each sub-publisher.
- SUB:X:Society:** the collecting society the X-th sub-publisher is affiliated to (example: ASCAP).
- SUB:X:IPI:** the CAE/IPI code of the X-th sub-publisher.
- SUB:X:PerformanceShare:** the percentage share (without the “%” symbol) of royalties for the X-th sub-publisher on the track.
- CODE:ISRC:** the *International Standard Recording Code* (ISRC) represents a code of 12 characters used as a unique and permanent reference on an international level for a phonogram. For example, *GBAYE0601498*.
http://www.ifpi.org/content/section_resources/isrc.html
- CODE:ISWC:** the *International Standard Musical Work Code* (ISWC) represents a code of 11 characters used as a unique and permanent reference on an international level for a musical work (not phonogram). For example, *T0104342406*.
<http://www.iswc.org/es/index.html>
- CODE:UPC:** the *Universal Product Code* (UPC) represents a code of 12 numerical digits used to univocally identify the album. For example, *094638241713*.
- CODE:EAN:** the *International Article Number* (originally named *European Article Number*, EAN) represents a code of 13 numerical digits barcoding standard used to univocally identify the album. For example, *0094638241713*.
- CODE:XYZ:** any other available track code, described by name XYZ (where XYZ could be the name of the society issuing that code – example: BMI).
 If the column corresponding to a code is missing in the Excel template, its addition can be agreed with the BMAT Support Team (content-support@bmat.com).
- ATT:Artistname:** if available, the artist name associated to the track.
 In order to avoid any indexing issue in Vericast it should be written in its official format.
- ATT:AlbumArtistname:** if available, the artist name associated to the album.
 In order to avoid any indexing issue in Vericast it should be written in its official format.
- ATT:AlbumDiscs:** the number of discs (or volumes) that compound the album associated to the track.
- ATT:AlbumDiscNumber:** the sequence number of the disc (or volume) to which the track belongs.

- **CDArtwork: the path of the image file of the cover art of the album.** It represents the exact name of the image file preceded by the name of the subdirectories where the file is located inside the delivery folder, separated by a slash (/).

For example, if you have the image file placed in
 .../references/20100806_0001/WOM001/WOM_WOM_0001.jpg, where
 .../references/20100806_0001/ is the delivery folder with the file
 .../references/20100806_0001/metadata.xls, the **CDArtwork** field must be
WOM001/WOM_WOM_0001.jpg.

3.2.3 User Generated Fields

If the user wants to integrate another type of information not included in the mandatory or the optional fields, they should contact the BMAT Support Team (content-support@bmat.com) in order to study the possibility of adding other fields in the header.

Library	CatNo	CDTitle	TrackTitle
West One Music	WOM001	WOM 001 Ancestral	Dawn Ritual
West One Music	WOM001	WOM 001 Ancestral	Dream Keeper
West One Music	WOM001	WOM 001 Ancestral	Breath Of The Desert
West One Music	WOM001	WOM 001 Ancestral	Under The Sign
West One Music	WOM001	WOM 001 Ancestral	Cloud Angels
West One Music	WOM001	WOM 001 Ancestral	Haven
West One Music	WOM001	WOM 001 Ancestral	Java Days
West One Music	WOM001	WOM 001 Ancestral	The Sun Palace
West One Music	WOM001	WOM 001 Ancestral	Rites Of The Sun
West One Music	WOM001	WOM 001 Ancestral	Jungle Train

Example of metadata.xls file.

Each row refers to an actual audio file and each column to data field.

4. File Revision and Upload

Once the metadata file is completed, before uploading it to BMAT, the following should be **revised in order to check if it meets the system requirements** as described in this user guide:

- Is the metadata file called *metadata.xls* or *metadata.xlsx*?
- Is the metadata file saved in MS Excel 97/2000/XP/2003 (.xls) or 2007/2010 XML (.xlsx) format?
- Does the first row of the Excel sheet represent the header?
- Does the header contain all the mandatory and optional fields with their respective titles as described in this guide?
- Is every cell of a mandatory field filled?
- Does every reference in the delivery folder appear in the metadata file, one per row?
- Does the delivery folder contain every audio file listed in the metadata file?
- Do URLs in the metadata file point correctly to the reference files?
- Are the directories from the path of the audio files in the URLs separated by slashes (/)?
- After verifying that the metadata file meets all the aforementioned requirements, it is **ready to be uploaded**.

Be sure to place the file in the root of the delivery folder.

For example, if the delivery folder is `.../references/20100806_0001/`, where the audio files for this delivery are located, the metadata file