

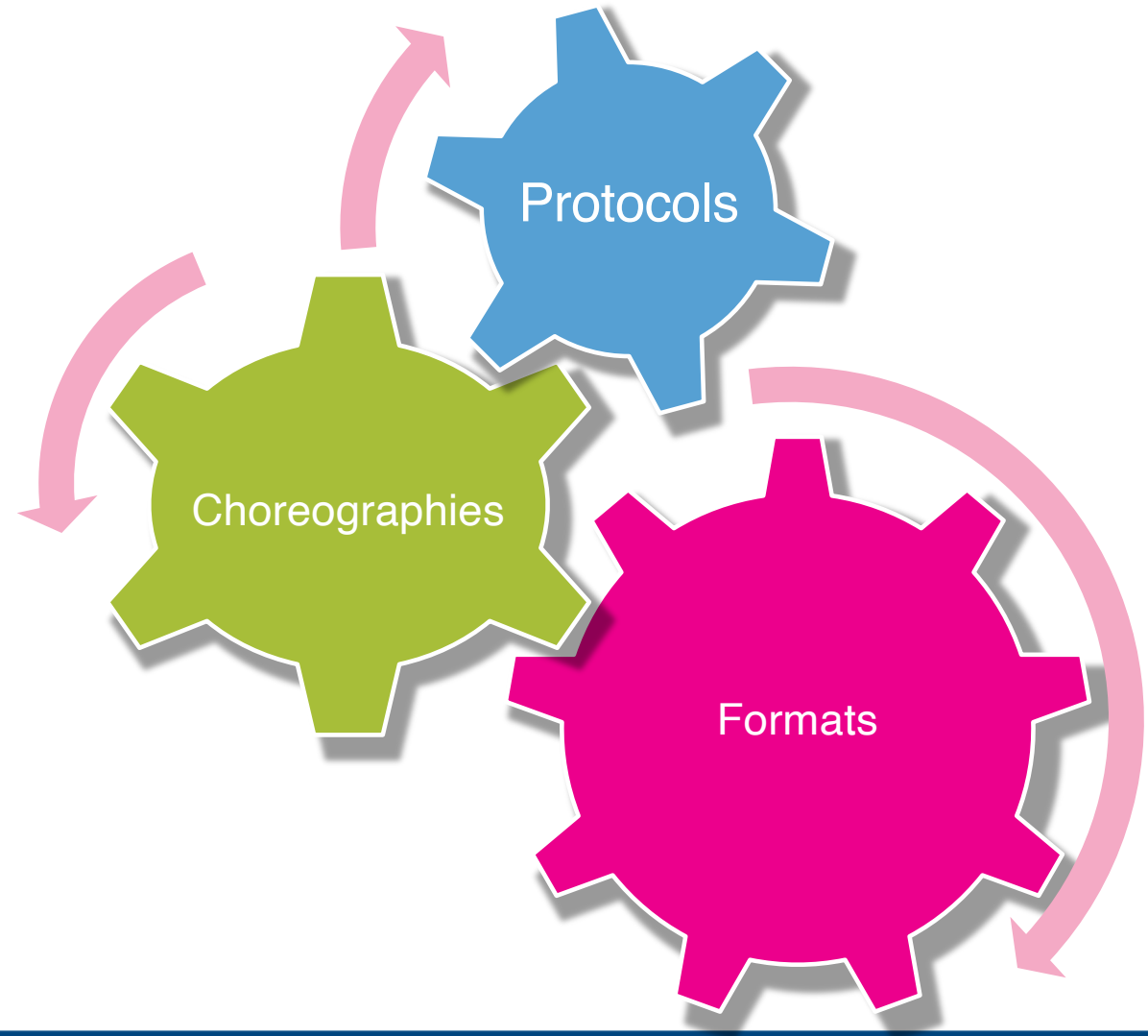
# Digital Data Exchange (DDEX)

## Overview of DDEX Standards

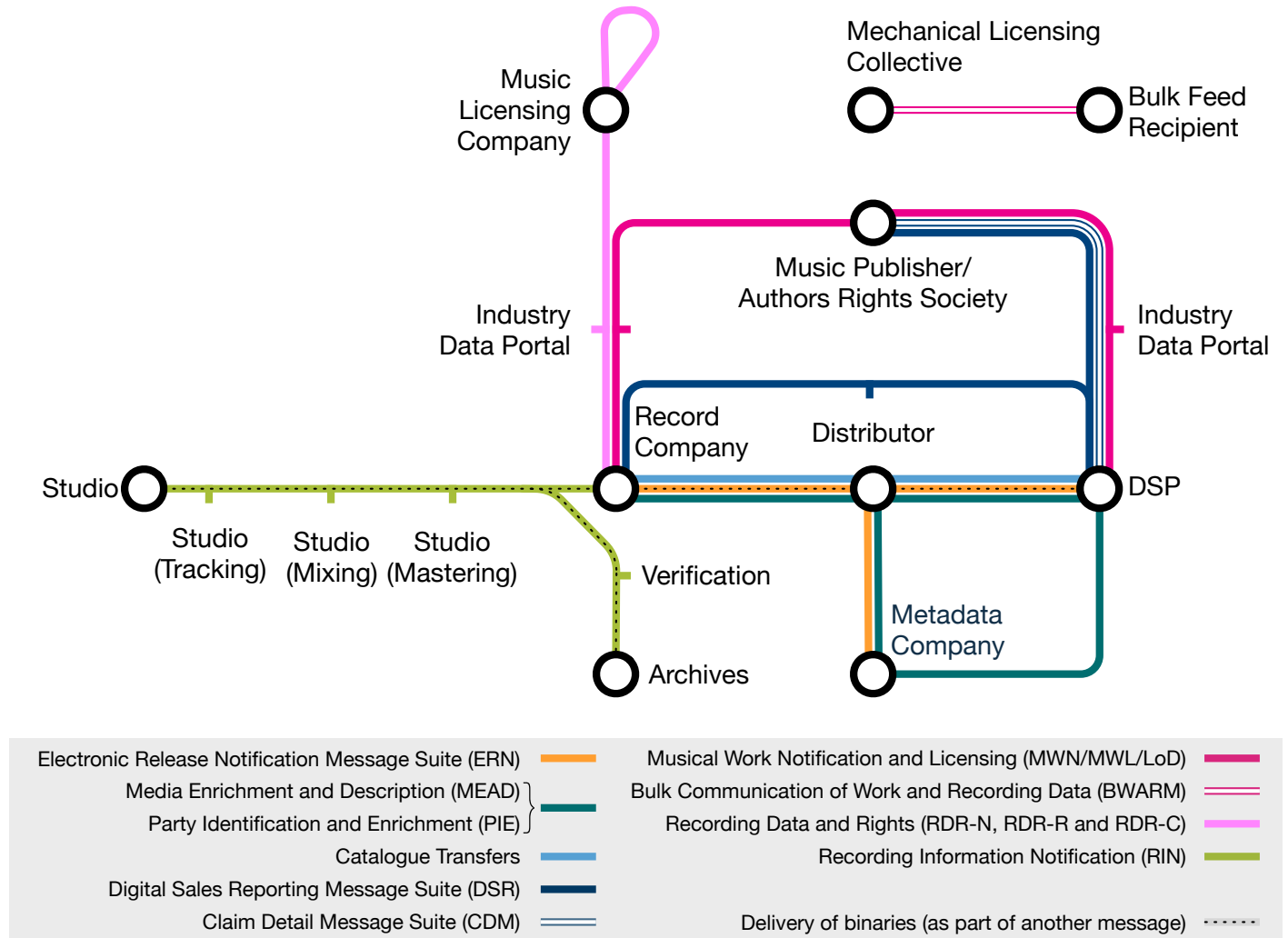
September 2023



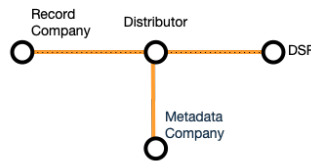
DDEX standards are about **efficiently communicating** data along the entire music/media value chain



# DDEX standards



# Electronic Release Notification Message Suite (ERN)



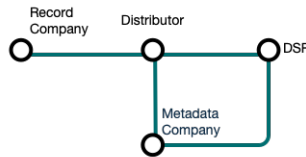
Electronic Release Notification Message Suite (ERN)



Delivery of binaries (as part of another message)

© DDEX

- Enables record companies and distributors to inform DSPs about
  - Releases
  - Sound recordings or music videos they contain
  - Cover art images
  - Musical works in sound recordings or music videos
  - Commercial terms of use
- Supports
  - Full range of business models
  - Audio and audio-visual releases
  - Multi-territorial

# Media Enrichment And Description (MEAD)

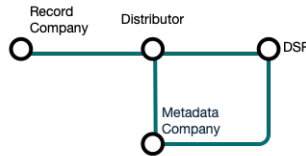


Media Enrichment and Description (MEAD)   
 Party Identification and Enrichment (PIE) 

© DDEX

- Enables metadata providers to communicate rich information about musical works, sound recordings or music videos and releases to DSPs
  - Focus track
  - Influences
  - Charting and awards
  - Vocal register
  - Photos
  - Time signatures
  - Mood or genre
  - Lyrics
  - Alternative titles
- Offers rich consumer experience, especially for instance, to support voice-activated music discovery and playback
- This data does not appear in ERN

# Party Identification and Description (PIE)



Media Enrichment and Description (MEAD) =  
Party Identification and Enrichment (PIE) =

© DDEX

- Enables metadata providers to communicate rich information about parties to DSPs
- Parties include writers, recording artists, studio personnel, record companies
- Offers rich consumer experience, especially for instance, to support voice-activated music discovery and playback
- This data does not appear in ERN

# Catalogue Transfers (CT)

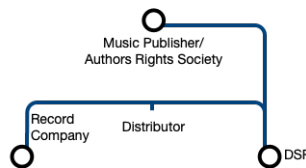


- Enables notification of a catalogue transfer of sound recordings from the owner or administrator of those sound recordings to a DSP
- Limited to one specific type of catalogue transfer (sometimes called “lift and shift”) between just three parties
  - A relinquishing record company
  - An acquiring record company
  - A DSP
- Does not support catalogue transfers that involve distributors

Catalogue Transfers

© DDEX

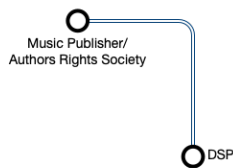
# Digital Sales Reporting Message Suite (DSR)



- Enables licensees to report to owners or administrators of musical works or sound recordings, the sales or usage of those musical works or sound recordings on an electronic music service
- Different profiles for different types of music services or business transaction:
  - Basic Audio Profile
  - UGC Profile
  - Audio Visual Profile
  - Royalty Reporting Profile
  - Broadcast Profile
  - Financial Reporting to Record Companies Profile
  - Masterlist Profile
  - Basic Audio Profile for The Mechanical Licensing Collective



# Claim Detail Message Suite (CDM)

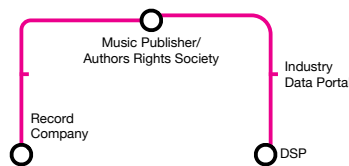


- Enables owners or administrators of musical works to send claims and/or details of invoices to licensees of those musical works
- Such claim/invoice details are sent in response to reports from the sale or usage of sound recordings and/or music videos that use those musical works
- Enables licensees that receive CDM messages to respond with discrepancy notifications about
  - Such discrepancies as, for example, arithmetic issues, questions about applied tariffs, or errors in the formatting of the CDM
  - Discrepancies about rights shares in the musical works (overclaims)

Claim Detail Message Suite (CDM)

© DDEX

# Musical Work Data and Rights communication



Musical Work Notification and Licensing (MWN/MWL/LoD)

© DDEX

- Musical Works rights share Notification choreography (MWL) standard
  - Enables musical works owners or administrators to provide to record companies or other companies, information about ownership of right shares in one or more musical work
- Musical Works Licensing choreography (MWL) standard
  - Enables record companies or other companies to send to owners or administrators of musical works requests for licences in those musical works
- Letter of Direction choreography (LoD) standard
  - Enables an acquiring owner or administrator to notify record companies or other companies about its acquisition of rights shares in musical works
- Bulk communication of Work And Recording Metadata (BWARM) standard
  - Enables the bulk communication of data about musical works, sound recordings that make use of those musical works and musical work right shares

# Bulk communication of Work And Recording Metadata

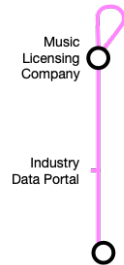


- Bulk communication of Work And Recording Metadata (BWARM) standard
  - Enables the bulk communication of data about musical works, sound recordings that make use of those musical works
  - Includes musical work right shares

Bulk Communication of Work and Recording Data (BWARM)

© DDEX

# Recording Data and Rights (RDR)

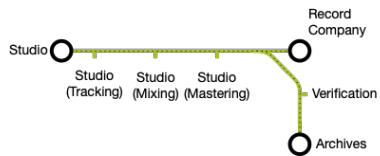


Recording Data and Rights (RDR-N, RDR-R and RDR-C)

© DDEX

- Recording Data and Rights Notification (RDR-N) standard
  - Enables owners or administrators (usually a record company) of a sound recording or a music video to claim interest to a Music Licensing Company (for example, PPL in the UK or GVL in Germany)
  - Enables owners or administrators for performers to claim interest in that performance on a sound recording or a music video to an MLC
  - Enables MLCs to claim interest in a sound recording or a music video or a performance with other MLCs
- Recording Data and Rights Revenue reporting (RDR-R) standard
  - Enables the declaration of revenues from usage of a sound recording or a music video or a performance to the owner or administrator
- Recording Data and Rights Choreography (RDR-C) standard
  - Defines the message choreography for the RDR-N and RDR-R standards

# Recording Information Notification (RIN)



Recording Information Notification (RIN)

© DDEX

- Format for capture and communication of data about the creation of a musical work and/or sound recording
- Is designed for machine-to-machine communication
- Interpretation of RIN messages performed by studio based systems
- Data includes
  - Who performed which musical work?
  - Who played which instrument?
  - When and where was this performance recorded?
  - Who was the sound engineer?
  - ...

# Supporting Standards

- Data Dictionary Standard
  - Provides a common language for all the terms used in DDEX's standards
- Data Dictionary Governance Standard
  - Specifies how the data dictionary is managed as standards change
- DDEX Party Identifier (DPID) Standard
  - Specifies the structure and associated reference descriptive metadata of a DPID
- DDEX Party Identifier Governance Standard
  - Specifies the governance of the DPID and its supporting systems

# Underpinning DDEX's standards

- DDEX defines the “lingua franca” for the music industry
- DDEX data dictionary
  - Semantics of terms
  - Structure of common composites



# Digital Data Exchange (DDEX)

## Overview of DDEX Standards

September 2023

