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## FINN BDAID

### Electronic Document Management System (EZD) dedicated especially to film projects

Properly created metadata, term dictionaries, relationships and using them efficient search algorithms are the basis of new intelligent access to film production resources.

#### EZD – intelligent access to resources of any digital content generated by the movie production process:

- ✓ film footage and processed states with high technical parameters, in terms of image resolution above 4K in the frame rate up to 1000 fps (also with stereoscopic effects) and multi-channel sound in minimum 5.1 format
- ✓ multimedia materials (photos, textures, graphics, storyboards, sound samples, 3D models) and other result files of specialized applications related to the film production flow
- ✓ documents (e.g. scripts, plans, schedules, orders, contracts, protocols, invoices) regarding the production procedures and the film crew support, along with all activities to make the film available for distribution.

#### EZD provides:

- ✓ improving the collection of metadata (a very large number of files of considerable size, saved in various formats) thanks to methods and interfaces that automate the creation of correct relationships between these resources
- ✓ function of intelligent search of digital data, based on systemically created metadata, term dictionaries, relations, and using implemented efficient algorithms and intelligent indexing methods
- ✓ integrating intelligent access techniques with applications and devices for cross-system handling of the exchange of digitally preserved film materials.

#### EZD, based on procedures of Film Production Process Model, enables:

- ✓ relatively shortest execution times
- ✓ compliance of activities with the assumed schedules
- ✓ knowledge base in the context of scenario requirements and other business goals
- ✓ sharing between specialists in accordance with the assigned competences
- ✓ secure long-term data storage
- ✓ quick search for the necessary (requested) and most useful data.

#### EZD supports:

- ✓ the idea of agile film production, assuming simultaneous production with pre-production and post-production (what is frequent and natural need in the case of series)
- ✓ teams of film makers, especially in organizing transfer of large numbers of files of various sizes, both on the shooting plan and in post-production
- ✓ effective cooperation of a large number of specialists as part of co-production and subcontracting.

Product information is available on the websites: [finn.com.pl](http://finn.com.pl) and [cinemavision.com](http://cinemavision.com)





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EZD has the features and functionalities of a secure, long-term archiving system.

EZD guarantees secure, multiuser access to project resources based on content tagging and comprehensive monitoring of data activities.

#### EZD - ensuring the security of data, documents and film resources is based on:

- ✓ reliable and attack-resistant data protection based on unique document marking and automatic, continuous monitoring of repository security
- ✓ confidentiality, availability, integrity, accountability, authenticity, non-repudiation during the comprehensive service of a large stream of data, documents and film resources implemented in the procedures of the Film Production Process Model
- ✓ comprehensive monitoring of the safety status performed on a continuous basis (24 hours / 7 days / all year)
- ✓ intelligent detection of information leaks based on undeniable content tagging
- ✓ automated traffic analysis on project resources, without the need of "manually" viewing event logs.

#### EZD - protection founded on the undeniable content marking methods includes:

- ✓ operation in the system of electronic documentation management and printing content processes (on paper and PDF files generating)
- ✓ placing intelligently created transparent marks on the document image to clearly indicate the person downloading or printing the content from repository
- ✓ data transfer tracking
- ✓ proactive threat detection implemented through:
  - tracking and detecting inappropriate user activities
  - detection of intrusions or attempts to bypass security
  - verification of entitlements
  - monitoring asset utilization in terms of compliance to film production processes.
- ✓ automating the activities of forensic analysis and supporting the removal of security breaches consequences.

#### Public Key Infrastructure (PKI) - digital certification system, compatible with EZD, enables:

- ✓ certification of specialists and hardware infrastructure participating in the project
- ✓ clear and undeniable identification of persons and devices that are involved in the processing of protected content
- ✓ guarantee of confidentiality and authenticity of documents
- ✓ intelligent detection of data leakage
- ✓ certification system scalability.

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