



digital\_media\_production

# DIGITAL FILM RESTORATION

ARCHIVE QUALITY IMPROVEMENTS

COMPLETE 4K DIGITAL INTERMEDIATE WORKFLOW

DIGITAL REMASTERING OF MOVIES AND TV ARCHIVES

GRADING, CALIBRATING, ENCODING, ARCHIVING TO WORLDWIDE STANDARDS



MADE IN DMP.CZ

## WHAT FACTORS CAN MAKE A DIFFERENCE IN THE FILM RESTORATION MARKET?

TECHNOLOGY ARSENAL  
OF HIGHEST STANDARDS

KNOWLEDGE OF REAL FILM  
PRODUCTION PROCESS  
(NOT LIMITED TO SOFTWARE)

NUMEROUS MOVIES  
AND ARCHIVES ALREADY  
RESTORED

NEW IDEAS RESULTING  
IN NEW SOFTWARE  
DEVELOPMENT

**DIGITAL MEDIA PRODUCTION IN CO-OPERATION WITH UPP STUDIOS PROVIDE  
A FULL RANGE OF SERVICES FOR FILM & VIDEO ARCHIVE RESTORATION**

### ■ Complete 4k Digital Intermediate Workflow

Transfer from 35mm or 16mm film strips  
Telecine 2k real time transfer  
Film Scanning 4k digital

### ■ Grading and Digital Restoration

Digital Colour Correction  
Noise and Grain Reduction  
Scratch Removal & Retouching

### ■ Calibrated Output to Worldwide Standards

Full 2k digital projection, fully calibrated for previewing film output  
Digital transfer to 35mm film

### ■ Encoding/Archiving to Multiple Media Formats

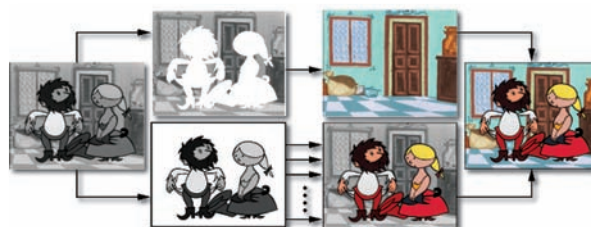
Blu-ray codecs VC-1 and AVC  
DVD codecs  
Various formats for Streaming, Video-on-Demand,  
Progressive Download  
Digital Cinema worldwide standards

### ■ HD Postproduction and SFX

HDTV editing  
HDTV transcoding  
Visual Effects

### ■ Cost-effective Solutions

TV archive cleaning using proprietary software  
Colouring of Black and White movies, cartoons



Old Cartoon movie colorisation and picture enhancement



Old movie picture enhancement and retouching



Unique archive materials recovery

## TECHNOLOGY ARSENAL

In cooperation with DMP's sister studios UPP (Emmy Award winner) the following technology arsenal is available:

Complete 4k Digital Intermediate Workflow, NorthLight Film high-quality pin registered digital film mastering scanner, Spirit datacine Telecine, ARRI Film Laser recorder, Lustre and BaseLight real-time colour grading, incl. Truelight 3D colour management system, HDTV facility based on HD Flames, Infernos (non-linear editing, picture composition, paint, keying, animation and FX work), VC-1/AVC/VOD Encoding renderfarms, Barco DP 100 and 35 mm Calibrated projection, hi-speed optical network, Software for Colouring (Inking) of Black and White movies, cartoons, Software for Cost-effective cleaning of TV and HDTV archives, centralised grade and restoration database architecture, supporting enterprise-wide collaborative working