

# Movie Collection Management Tool

## Client Background

The Client is independent software vendor based in Århus, Denmark. The Client delivers software and meta-data to a number of large and small companies around the globe that are focused on products around Media Centers and Home Servers.

## Business Challenge

The Client was planning to deploy a movie collection management and playback tool for Microsoft Windows XP Media Center Edition as well as to provide mobile versions of the application.

The Client contacted us with the requirement to develop a solution that enables the customers to index their favorite movies with automatically downloaded data from the Internet, and then browse movies, actors, directors and any other related information.

The Challenge was to deliver a solution by means of which the customers could view and update their catalogs using either the desktop client or the mobile applications for the iPhone and Android platforms.

## Project Description

The **My Movies** application suite for Android is compatible with devices running Android OS 1.6 or later. The application was designed to adapt to a variety of form factors with different screen densities and resolutions, which ensures a consistent user experience across devices, from HTC Hero to Motorola Droid to Google Nexus One.



**My Movies for Android** is available in two flavors. The free **Light** version imposes a limit on the maximum number of movies per collection and offers a basic set of functionality for searching, sorting and filtering the user's collection, as well as removing outdated entries and adding new ones. While adding a collection item, the user can choose to enter a brief text description and supply the front cover image captured with the device camera. The **Pro** version of the application allows browsing unlimited movie catalogs and includes a number of extra features, such as advanced filtering options, barcode scanning and functionality for viewing full-screen movie trailers.

The application remains fully synchronized with the central data repository, enabling users to access up to date collections from multiple devices.

## Overview

### Client

Well-known Danish independent software vendor

### Industry:

Entertainment

### Country:

Denmark

### Business Value:

Provided robust and comprehensive entertainment solution

### Technical Value:

Powerful movie collection management and playback tool

### Development Model:

Agile

### Services:

Development, Design

### Tools and Technologies:

- Eclipse
- ADB
- Android 1.6 – 2.1 SDK
- DDMS
- JDK 6.17

# Movie Collection Management Tool

## Value Delivered

Strictly adhering to our Client's business critical objectives, iTechArt provided a fully-functional and easy to control application. By providing ubiquitous access to user specific content, the applications serve as a logical extension of the paradigm underlying the solution suite, as well as reflect its pricing model.

Apart from inherent features including cost efficiency and productivity iTechArt delivered a solution that provides advanced functionality:

➤ **Index all your movies automatically**

My Movies indexes movies, and automatically downloads movie data such as descriptions, ratings, actors and covers and much more. This makes it much easier to check through the films the user keeps.

➤ **Share collection on multiple clients**

The customer can set up a main movie collection, and allow multiple users to access it. The user is enabled to watch movies from additional Media Centers or Media Center extenders, harnessing the power of the package.

➤ **Create and save movie filters**

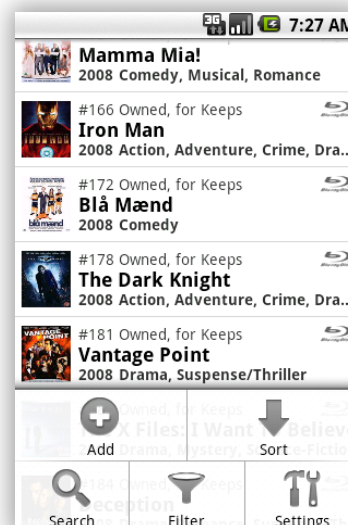
The application allows for creating and saving multiple filters to recall movies by parental rating, genre, star rating, and whether or not you have watched the movie in the past.

➤ **Copy DVDs to disk with just your remote**

With just the use of your remote, you can back up a DVD to your hard drive and index the movie in the database at the same time, for easy retrieval later on. This capability makes the whole process of copying discs much easier.

➤ **Multiple languages**

The application is available in about 10 different languages, and movie data can be downloaded in English, German, French or Japanese.



iTechArt provides in-depth, high-quality and cost effective software development and consulting solutions to corporations across Europe and North America using both onsite and offsite service delivery models. iTechArt was founded in 2003 and has developed substantial strengths Application Development, Project Management and Outsourcing areas. iTechArt possesses deep domain knowledge through its proven research and implementation strategies across many industries including, Financial Services, Marketing & Digital Media, Security, Healthcare & Life Sciences, Retail and many more. We deliver the most effective and competitive solutions to our clients to achieve mutual business growth and success.

### Quick Facts

Founded: 2003  
Headquarters:  
Iselin, New Jersey, USA  
Development Centers:  
Minsk, Belarus; Kiev, Ukraine  
Team: 400+ employees

### Industries

Financial Services  
Marketing & Digital Media  
Security  
Healthcare & Life Sciences  
Retail  
and others

### Services

Application Modernization  
Enterprise Mobile Development  
Custom Software Development  
IT Staff Augmentation  
Software Testing & QA  
Software Maintenance

### Technologies

Enterprise Platforms  
RIA  
Mobile  
Web & Intranet Portals  
Middleware  
Business Intelligence