

DataBox



- ▶ **DataBox is the information backbone of the PlayBox system.**
- ▶ **It is a highly integrated SQL-based database for media & content management, allowing instant access to more than 20,000 records simultaneously. Content is classified by many aspects such as type, category, genres, keywords, credits, media, etc.**
- ▶ **PlayBox modules obtain information about visual content from DataBox. This enables many tasks such as logo overlay, archiving/retrieving data, building/conforming on-air playlists, etc., to be simplified or completely automated.**
- ▶ **Content can be easily searched through by dedicated multi-profile search, as well as by an intuitive multi-criteria filtering system.**
- ▶ **Working with DataBox saves lots of time when managing large amounts of programs and media archives.**



Multi-user environment

Many users may access the dataset simultaneously from separate network-connected workstations.

Network access SQL database

As a true SQL database, DataBox clients work with a shared database content throughout the network. No special network traffic overhead is created even when multiple users work simultaneously.

Advanced content classification

Content can be sorted by three main classification levels, as well as by cross-profiles such as sequences, groups, keywords, etc. The main levels are extracted from common classification schemes - type (i.e. Cinema, Music, News, etc.), category (Show, Movie, Mini-series, etc.), and genres (Action, Drama, Thriller, etc.).

Search by multiple criteria

Content searches can be done by many data fields at the same time. For instance, if one needs to find an action movie, which production date is after 1990, where the word "Mummy" is present, but "Returns" is not present - that's just a few mouse clicks away.

Filtering by a group of fields

Searching and viewing data subsets is extremely easy. Over each data column in the grid there is a filter section. Entering letters or numbers in the filter field automatically filters the matching entries only. Wildcards apply as usual. Additional search in this subset might be performed too.

Sorting by each field

Each grid column may be used for ascending or descending sorting of the subset. Sorting can be combined with filtering for even more powerful, yet simple searching.

Multi-value data fields

DataBox is made of a huge set of related data tables, enabling multi-data linking. Most fields may contain as many values as you like - multiple genres, keywords, media, streams, people, companies...

Multiple parts, channels and media

Each program may consist of many parts, recorded on separate media. Each part may consist of multiple audio/video/subtitle tracks

Intuitive, easy to use interface

Each part of the interface is a data manager, dedicated to classification, credits, locations, etc. The main grid area gives a clear overview of all the content, while the classification tree is shown besides it. No special training is required for the user to master DataBox.



DATABOX SPECIFICATIONS

Meta Data

General	Program Title House ID / Program ID Program Duration
Bindings	Groups / Pools Sequence - series/mini-series/albums Season Title Episode Number
Classification	Type Category Genres
Indexing	Keywords Thumbnails Annotations Bookmarks Breakpoints/SkipZones
Credits	Personnel (actors, directors, etc.) Companies (distributors, producers, etc.) Countries (locations, post, etc.)
Origin	Production Date/Year Reception Date Country of Origin Main Language Master Format
Media	Multiple Instances & Quality Media Type and Number (barcode) Archive / Media Pool Parts and/or Channels Priority
Miscellaneous	Plot Outline, Taglines, Comments, Notes, Rating

Database

Engine	Borland Interbase
Type	SQL
User count	Unlimited

Minimum System Requirements

CPU	Pentium III at 1 GHz or faster
RAM	512 MB
Audio	Sound card for clip Trimmer audio preview
Operating System	Microsoft Windows XP (SP2)

Other Applicable Modules

AirBox	Universal content layout
TitleBox	On-Air graphics insertion
ListBox	Remote playlist preparation
CaptureBox	Automated content ingest
SafeBox	Automated content replication and removal

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