

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.

☰ **Automated content import**

As soon as the content ingest by CaptureBox has finished, DataBox imports the media asset into the database with its relevant metadata coming from CaptureBox capture list. Content coming from different sources can automatically be assigned to different content categories for easier database sorting.

☰ **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.



DATA BOX 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	Core Duo
RAM	1GB
Audio	Sound card for clip Trimmer audio preview
Operating System	Microsoft Windows 7

Other Applicable Modules

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

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