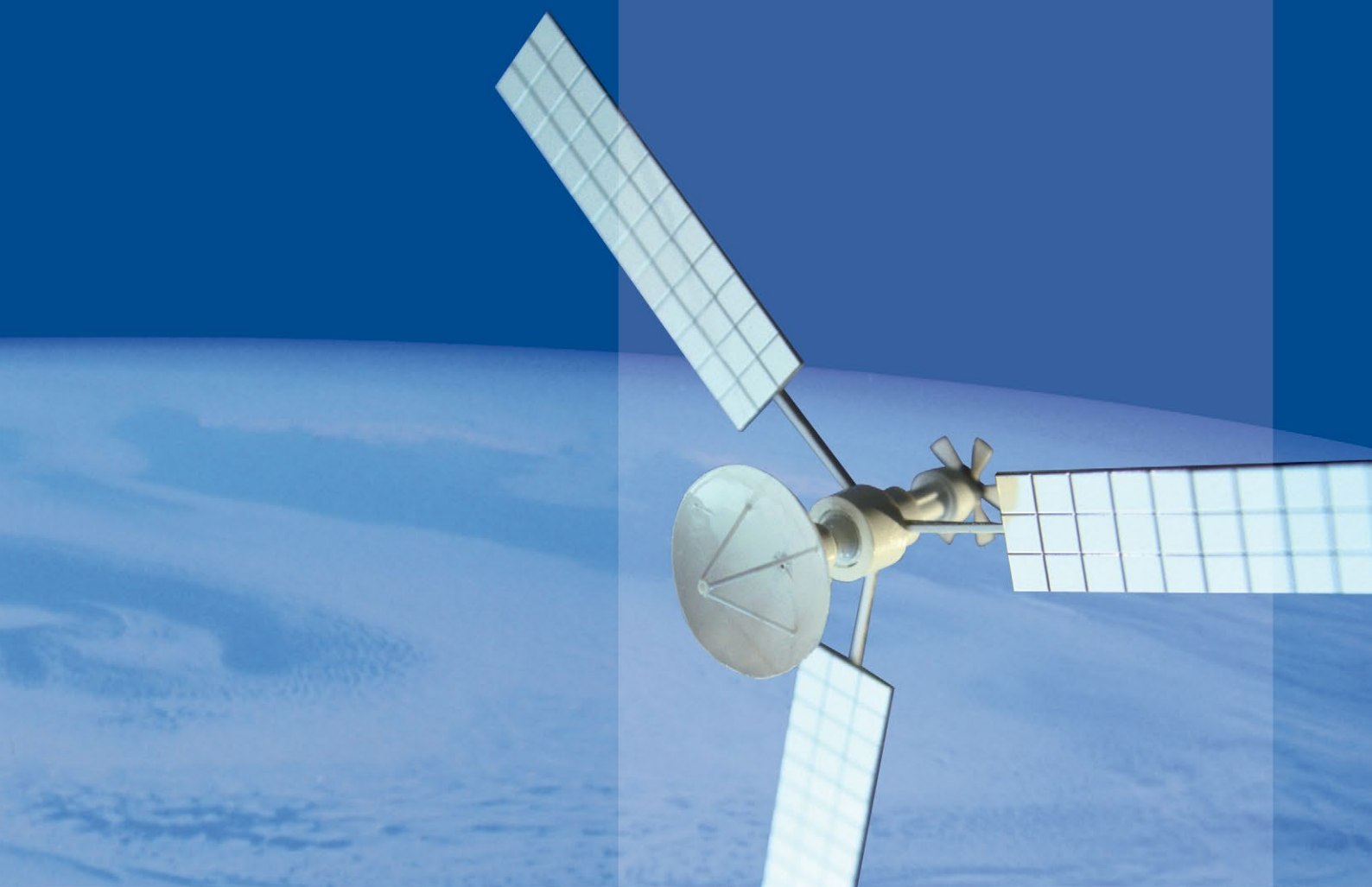


MHP/HBBTV/CE-HTML Playout System



MIT-*xperts*

iMux Multiplexer

iMux Multiplexer

iTV Payout Made Easy

Whether you want to quickly create a new MHP/HBBTV/CE-HTML/MHEG application, modify an existing application, or fine-tune it: the iMux Multiplexer gets you there in no time and without hassle. Creating a carousel or an AIT entry is as easy as filling in a few values and clicking „OK“. And in case you are unsure about a setting in our intuitive GUI, online help is always just a mouse click away.

If you ever want to go into detail of DSM-CC broadcasting, you can fine-tune your carousels by manually adjusting module management, module distribution, bandwidth management, multi-PID carousels and other optimization features (such as DSI/DII distribution rates). Our new innovative sub-carousel feature allows you to save bandwidth by moving frequently used data into sub-carousels which can be referenced by other carousels. All carousels can be downloaded as Transport Stream or Sections, too.

Even if you have legacy applications based on DSM-CC Transport Streams/Sections, or just want to broadcast Audio/Video streams or SSU streams, the configuration of your iMux Multiplexer is very easy and straight forward.

Our intelligent Transport Stream detection mechanism analyzes uploaded Transport Streams, automatically detects the components and adds them to your auto-generated PMT.

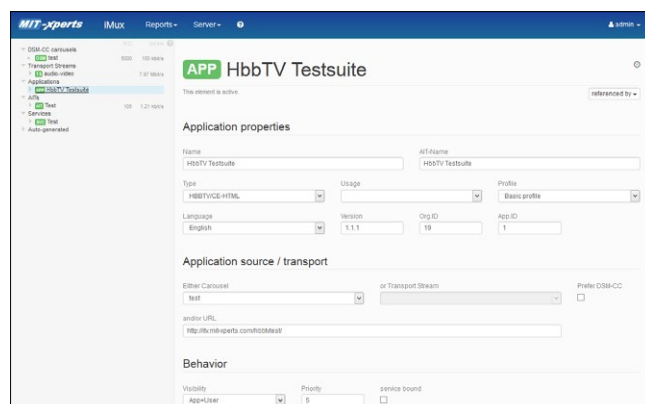
Manage Your SI Tables

Using the service list, you can create your SI tables easily (NIT, TDT, TOT, SDT, PAT, PMT, EIT, and AIT). Editing the components (such as applications, carousels, Transport Streams) on a service is simple, but also extremely flexible. You can even schedule your applications for playout using the integrated scheduler.

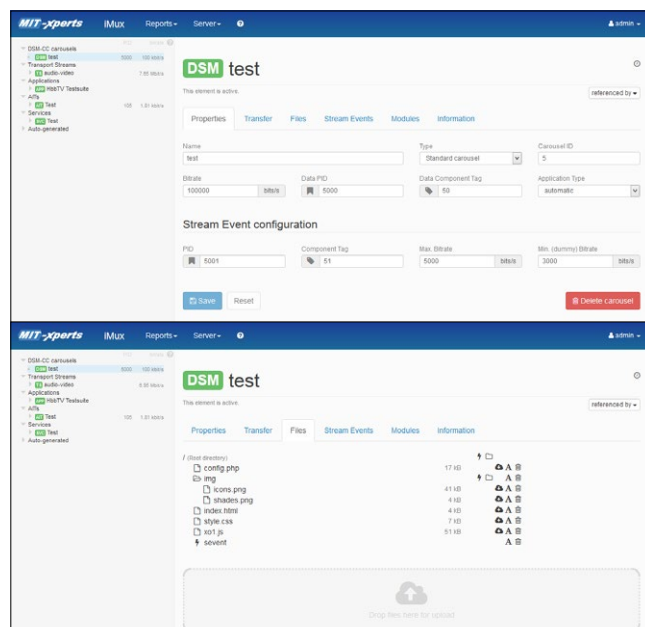
With our advanced Application List feature you can automatically add the same application to multiple services or reuse an AIT for multiple services.



MHEG-5



Application Management



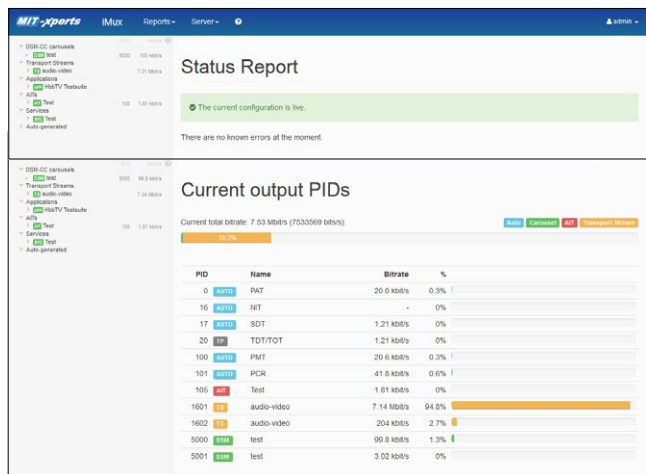
Carousel Management



Key Features and Benefits

Manage Your Users

Using multiple user accounts, you can allow certain users to do nothing else but what they need to do (i.e. only update a specific carousel or transport stream). This can even restrict your API calls, so automated scripts can only manipulate specified components.

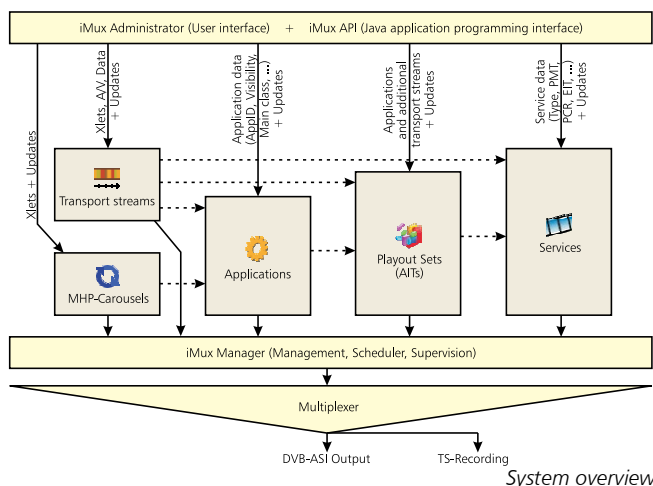


Reports

Sophisticated System Architecture

When adding an application to a service, the iMux Payout Manager automatically includes the application and the associated carousel in the PMT/AIT and starts playing out the corresponding resources.

The included comprehensive Java/JSON/JavaScript API allows you to edit almost anything with your own scripts via an SSL encrypted network connection, and enables an easy integration into your existing playout environment.



- Multi-standard support: HbbTV (CE-HTML), MHP, MHEG
- Full dynamic DSM-CC carousel update support
- DSM-CC carousel generation with extremely powerful optimization technology, automatic configuration support, and "Do-It-Now" Stream Events
- Real-time broadcasting of iTV applications
- Support for all relevant descriptors (including optimized AIT signaling)
- Management and automatic generation of the following SI/PSI tables: NIT, TDT, TOT, SDT, EIT, PAT, PMT, EIT, AIT
- Intuitive, easy-to-use web-based graphical user interface for management, configuration and reporting (no client based software required except web browser)
- Multi-user support with per-user access control and support for multiple simultaneous users
- Extensive, yet easy to use API with ready-to-use sample applications for common tasks (including source code)
- Intelligent bandwidth management and supervision
- Extensive Transport Stream recording functionality
- Integrated scheduler (support for planning the playout of applications and/or transport streams)
- Download/upload of complete configuration as single file for backup/restore
- Status reporting via SNMP agent

Technical Data

- ASI, DVB-S, DVB-C, DVB-T, and IP output
- Max. 200 GB playout data (Transport Streams / carousels)
- Max. 200 user accounts / 50 simultaneous logins
- Included Windows File Sharing and FTP server
- Multi-language user interface

Sample Configurations

Product ID	IMUX-S	IMUX-M	IMUX-L
simultaneous carousels / transport streams	max. 5	max. 15	max. 40
simultaneous services	max. 5	max. 15	max. 40



ORDERING INFORMATION

Please contact us for further details.



MIT-xperts GmbH
Media & IT-Consulting
Pocistr. 13
D-80336 Munich

phone: +49-(0)89-76 75 63 80
fax: +49-(0)89-76 75 63 81
sales@mit-xperts.com
www.mit-xperts.com