



TimeshiftCaster is an IPTV server which allows for compensating for time zone differences. Received IPTV streams can be timeshifted by a freely configurable delay. This allows for rescheduling live feeds received from distant countries to local viewing times - a feature in particular important for prime-time content. A further application is to add several versions of a single live stream at different times, for example for broadcasting the same content with a time difference on one hour to allow users to catch-up the stream later.

Being compatible with existing gateways, transcoders, conditional access systems, streaming servers, and set-top boxes, TimeshiftCaster can be seamlessly integrated into your existing infrastructure.

## TimeshiftCaster Software

### Application areas

- Timeshifting of IPTV streams
- Rescheduling of live content
- Compensation of different time zones
- Duplication of streams with different temporal offsets



- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>■ Timeshifting</li> </ul>                      | <ul style="list-style-type: none"> <li>■ User-defined offset for each stream (in seconds)</li> <li>■ IP input to IP output</li> <li>■ Output rate for receiving and sending               <ul style="list-style-type: none"> <li>■ Unlimited number of streams</li> <li>■ No restrictions on bandwidth</li> <li>■ Performance depends on customer's hardware platform</li> </ul> </li> </ul>                      |
| <ul style="list-style-type: none"> <li>■ IP Streaming</li> </ul>                      | <ul style="list-style-type: none"> <li>■ MPEG Transport Stream (MPEG-TS) for SDTV and HDTV               <ul style="list-style-type: none"> <li>■ MPEG-2</li> <li>■ MPEG-4 (AVC/H.264)</li> <li>■ MPEG Audio, AAC, AC3, ...</li> </ul> </li> <li>■ Protocols               <ul style="list-style-type: none"> <li>■ Unicast / Multicast / Broadcast</li> <li>■ UDP</li> <li>■ RTP over UDP</li> </ul> </li> </ul> |
| <ul style="list-style-type: none"> <li>■ Free Software Developer Kit (SDK)</li> </ul> | <ul style="list-style-type: none"> <li>■ Fully programmable and remotely controllable using C++ API (Windows, Linux, Mac OS), PHP or XML-RPC (all platforms)</li> <li>■ Based on award winning Network-Integrated Multimedia Middleware (NMM) by Motama</li> </ul>  |
| <ul style="list-style-type: none"> <li>■ Administration</li> </ul>                    | <ul style="list-style-type: none"> <li>■ Web interface (http/https)</li> <li>■ ssh (if available on customer's installation)</li> </ul>   |
| <ul style="list-style-type: none"> <li>■ Software</li> </ul>                          | <ul style="list-style-type: none"> <li>■ Download for Linux operating system</li> <li>■ Ask for supported Linux distributions (kernel 2.6.x, 32bit)</li> </ul>  |
| <ul style="list-style-type: none"> <li>■ Hardware Requirements</li> </ul>             | <ul style="list-style-type: none"> <li>■ Redundant hard disks</li> <li>■ 24/7 certified hard disks</li> </ul>   |

Motama GmbH  
 Lortzingstr. 10  
 66111 Saarbrücken  
 Germany  
[www.motama.com](http://www.motama.com)

© 2010 Motama. All rights reserved.  
 The information contained herein are subject to change without prior notice and do not carry any contractual obligation for Motama.