

Interactive Radio



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As one main result of long-term hands-on experience, GMIT provides out-of-the-box services for Interactive Radio. This empowers content providers, service providers and mobile operators to create vivid content without constantly authoring. Once connected to present content management systems and media repositories, live content streams are continuously enriched with additional information and interactions.

Define and design your radio show once for continuous broadcasting the episodes automatically! GMIT Interactive Multipath Authoring software allows to create your interactive radio content by skinning approved, out-of-the-box interactive services like weather report, news ticker, gaming, voting or SMS chat.

- Maximum bandwidth efficiency: Using specialized Interactive Radio encoders allow radical reduction of the required bandwidth. Improve your existing radio services without adding a large amount of bandwidth.
- Exact synchronization of audio/video and interaction: Display additional information at the intended point in time and enable advanced services such as karaoke or synchronised pop-ups.
- Editorial-free operation: Re-use existing live content by permanently embedding your present media repository due to in-built live aggregator technology.

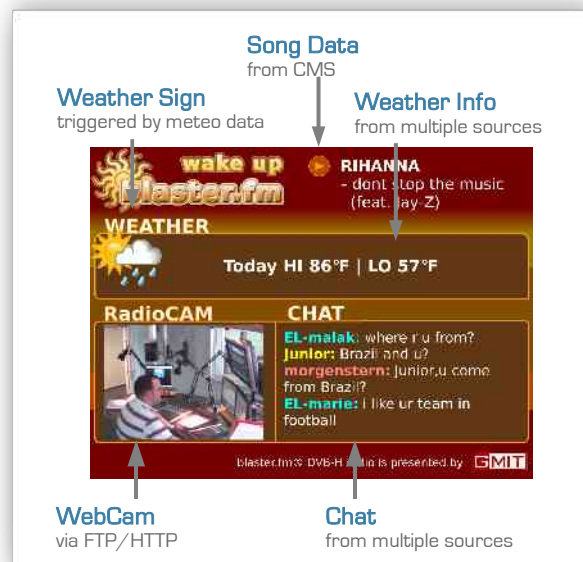
FUTURE PROOF

Today, Interactive Radio screens are provided as low bit rate video streams due to GMIT headend rendering technology.

GMIT's underlying Multipath Technology also complies with all the recent major interactivity and rich media standards: OMA BCAST, JSR 272, 3GPP DIMS. This will not only safeguard your invests in service creation and adaptation for content management systems, but will also empower you to deliver interactive solutions for the different standards at the time, whenever new mobile devices are announced and available.

GMIT PRODUCTS

GMIT products provide highest service availability and are ready to run 24x7, proved in several commercial deployments. They are based on software-only components, which allow the use of regular PC-based server hardware. Even one server can host more than one GMIT product.



Interactive Radio for DVB-H or other DVB networks gives you the perfect add-on to your radio programme. Advertisement could be enhanced with the suiting visuals, games could be visualized, news are enriched with the written breaking news, weather icons, sports news, chats, webcams - your imagination and the screen size are the only limits. The interactive radio screen can also be displayed embedded in your web site, to give consumers an impression of the functionality of a DVB-H handset or of DVB set-top-boxes.

PRODUCT FEATURES

GMIT Interactive Radio is an out-of-the-box solution for enriching radio programs with additional visual content. Transmittable via all DVB networks (DVB-H, DVB-T etc.) Interactive Radio provides the following key functionalities:

- Fully DVB compliant: Interactive Radio services are run capable on any present DVB-H handset or even on any other DVB device or set-top-box.

The advertisement for MyFunRadio features a yellow and pink color scheme. At the top left is the 'my fun radio' logo. To the right, a quote reads: 'Jeder hat das Recht, hässlich zu sein - aber Du musst es mal wieder übertreiben!'. Below the logo, it says 'Jetzt läuft: ROBBIE WILLIAMS SHES MADONNA' and 'danach läuft ELTON JOHN IM STILL STANDING'. On the right side, there is a 'Cover' section with a photo of Robbie Williams and the text 'Cover' and 'ROBBIE WILLIAMS WITH THE BRIT FOLK'. At the bottom, the contact information is 'Tel.: 0137 - 300 600' and the website 'www.MyFunRadio.de'.



Due to its highly flexible software architecture and design, all GMIT products can easily be adapted. Customers are therefore flexible for future enhancements and upcoming standards and well prepared for individual integrations and customizations. This helps to reduce time-to-market and provides advantages compared to other vendors.

TECHNICAL SPECIFICATION

Input

SUPPORTED AUDIO INPUT FORMATS

- MPEG-1 Layer II compressed Audio via MPEG transport streams
- Analogue audio (optional)
- Digital uncompressed Audio AES/EBU (opt.)

AUDIO INPUT INTERFACES:

- IPv4/UDP Unicast or Multicast
- DVB-ASI (optional)
- Common analogue/digital audio interfaces: XLR, Cinch, etc. (optional)

VIDEO CONTENT GENERATION

- Initial layout using GMIT's Interactive Multipath Authoring software
- Automatic data acquisition using additional data aggregators

AVAILABLE DATA AGGREGATORS

- RSS-, FTP-, weather-, data Aggregators
- Additional customized aggregator-development due to aggregator framework on project base

Output

TRANSPORT LAYER

- IPv4/UDP Unicast
- IPv4/UDP Multicast
- DVB-ASI (optional)

SERVICE LAYER

- MPEG single/multiple program transport stream (ISO/IEC 13818-1 compliant)
- RTP/RTCP streams (RFC 3640 compliant)

VIDEO ENCODING

- MPEG-2 (PAL, 720 x 576), frame rate 0.5 - 2 frames/sec
- H.264 (QVGA, 320x240), frame rate 0.5 - 2 frames/sec (optional)

AUDIO ENCODING

- MPEG-1 Layer II (Stereo @ 32 to 384 kbit/sec)
- HE-AACv2 (Stereo @ 32 or 48 kbit/sec) (optional)

Administration and Monitoring

LOCAL

- Control: Console-based UI

REMOTE

- Control: Web-based UI and SNMPv2 Control
- Monitoring: Web-based UI and SNMPv2

Hardware and System Requirements

HARDWARE REQUIREMENTS

- CPU: min. 1x INTEL XEON Quadcore
- RAM: 4 GByte
- USB: Port for license key (alternative network connection to dedicated license server)
- Reception cards with available Linux support (recommendations can be provided)

OPERATING SYSTEM

- Ubuntu Linux LTS 8.04 (Hardy) 32 bit server edition

SUPPORT

- Internet connection (FTP) necessary for easy installation (alternative installation possible)
- SSH connection for additional GMIT support

13 Uhr hier:
Ballack nach seinem Siegtreffer in Wien

Lusche des Tages:
Mario Gomez

Die Trainer rätseln, die Fans schütteln den Kopf und Mario Gomez schweigt. Ohne Erklärung für seine erschreckende EM-Form und die persönliche Situation verließ der 22-jährige Nationalstürmer nach dem 1:0 der DFB-Elf gegen Österreich das Ernst-Happel-Stadion.

Goldplay // In my place

Badly Drawn Boy // Something to talk...

Sportfreunde Stiller // '54, '74, '90, 2008

RHIANNA
dont stop the music

天气

2009年08月15日 多云转阴
31°C~24°C

广告

聊天

T.T.狮子座: 你好 可爱农妇 😊

师傅: 问候

火狐: 无奈 咧嘴笑

今天 20:00: 出发

发送信息到8888

presented by **GMIT**

Contact

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10115 Berlin
Germany

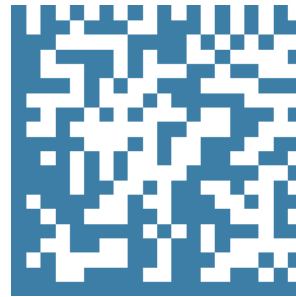
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GET MORE INFORMATION

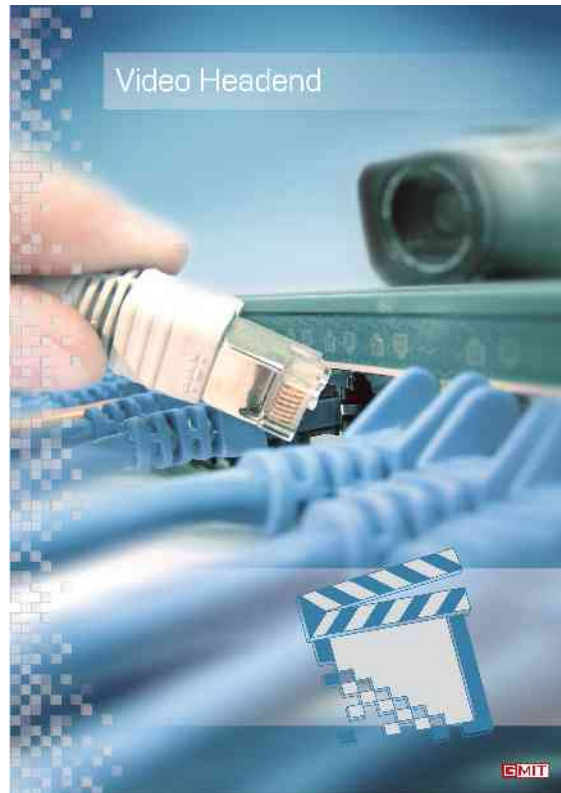


MORE GMIT PRODUCTS

Broadcast Multiscreen Monitor



Video Headend



GMIT is a component supplier providing headend technology and interactivity for digital and mobile broadcast. Our software products for stationary and mobile TV are optimized to satisfy the essential needs for reliability, economy and flexibility.