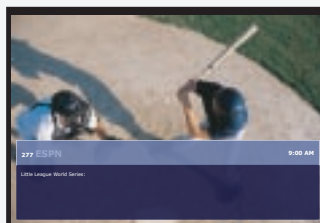


edgeGuide™ Electronic Program Guide Middleware IPTV Server

With edgeGuide you get an integrated solution to control all of your IP set-top boxes and Adtec decoders.



Middleware Server Application



Set-Top Box Program Guide

edgeGuide™ edgeGuide is an Electronic Program Guide (EPG) middleware IPTV server designed to control set top boxes and Adtec decoders. IP set-top boxes can request electronic program guide information from edgeGuide to provide the customer with a convenient on-screen guide for program selection. Adtec decoders can be controlled from edgeGuide to tune into specific multicast streams or to playback stored video.



applications

- **Interactive IPTV:** Provide IPTV customers with a convenient on-screen guide for program selection featuring support for VOD and Tribune guide data.
- **Private video networks:** Monitor and control your PVN from one application.
- **Enterprise control of Adtec decoders:** With features such as decoder grouping and schedule management, controlling your entire network of decoders is simple and organized.

availability

edgeGuide server is available in a 1 rack unit with 160GB storage and includes edgeGuide middleware server application and Set-Top Box Program Guide.

benefits

- **Tune with Interactive On Screen Electronic Program Guide:** Customers using IP set-top boxes can easily select programming from a program guide that categorizes channels by category while displaying the current channel on the screen.
- **Control Decoders:** Control each Adtec decoder from a central location that allows you to tune a specific multicast stream, play a loaded list of stored video or stop decoding altogether.
- **Status Decoders:** The status of each decoder can be viewed from edgeGuide to provide a quick overview of the system.
- **Organize Decoders:** Place decoders into groups that can be authorized to specific channels, useful for specifying levels of service for set-top boxes or controlling channels to Adtec decoders.
- **Authorize Users:** Assign users to specific decoders and channels for status and control. Set security permissions to one of three levels: guest (status only), operator (adds control) and administrator (adds configuration).
- **Flexible Control:** Access the edgeGuide manager from a browser on any computer on the network.
- **Video on Demand Support:** Provide your customers with VOD services using integrated Concurrent technology.
- **Schedule Tuning:** Create schedules that will automatically tune Adtec decoders to the desired multicast stream.
- **Tribune (TMS) Support:** Include extended programming data in your set top box program guide with an optional subscription to Tribune Media Services (TMS).

Availability

edjeGuide-1RU

- 400 Watt power supply
- Two Hot Swap SATA hard drives
- Software RAID 1 (Mirroring)
 - > 160 GB storage capacity
- Dual Gigabit Ethernet NICs
- Pentium 4 Intel Server mother board
- Intel remote Server management
- Linux server
- mySQL Database
- Adtec edjeGuide application
- Physical 19" x 1.7" x 25.7" 30 Lbs.

Options

DTA Series - Digital turn around routers

edje 1010 - A network appliance

edje 1013 - A hard drive based digital video player and a network appliance

edje 1123 - MPEG 2 digital video player and satellite router

edje 1125 - MPEG 2 digital video player and satellite router with DVD Drive

edje 2000 - Real time streaming MPEG2 encoder

edje 2100 - Real time streaming MPEG2 encoder with Dolby Digital

Soloist 2 - Broadcast MPEG2 player

Soloist 4111 HD - High definition digital media server

edje 4111 HD - High definition digital media player

Supported Set Top Boxes

Amino 103, 110, 120

Supported VOD Servers

RTSP compliant Streamer Servers

(Integration may be required)

Client Requirements

The following items are recommended to configure and use edjeGuide.

- Web Browser with JavaScript Enabled: Web Browsers
 - Preferred: Microsoft Internet Explorer v5.0 or later;
- Javascript 2.0 or later.
- LAN connectivity to the EPG server.

IPTV Delivery with the Adtec edjeGuide Server

edjeGuide is an open standards HTML and Java based electronic program guide (EPG). This IPTV middleware server is designed to provide a visual guide and programming for informed, efficient and easy channel changing. Navigation through program categories and optionally extended programming data can be included with a subscription to Tribune Media Services. Interfaces for Video-on-Demand are also available.

edjeGuide has two basic operating methods, pull and push.

When pulling, a user selects programs from the HTML guide on the television. Pushing is used when the channel change is managed via a standard computer based browser to select a channel and decoder (Adtec). Schedule based Push tuning is also provided.

Box provisioning, management, and channel configuration are available via password protected HTML interfaces. Automatic new box identification, and box firmware management are included.

