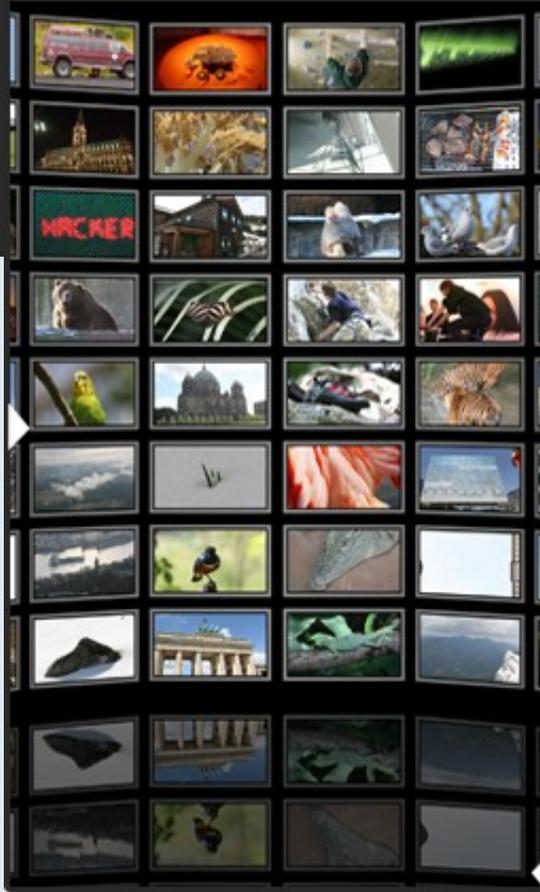


iTVsuite

IPTV
middleware for
hospitality market



Specialized . Customized . Optimized

iTVsuite is a suite of IPTV middleware products that are geared to satisfy different customer requirements. **iTVsuite HA** is the product designed to provide the basic IPTV middleware functionality with focus on Hospitality is a product that provides the IPTV middleware functionality geared towards the hospitality business.

iTVsuite HA is an easy to set up and use middleware that requires minimum effort to install and administer. The middleware is designed to ensure a high availability IPTV environment. The design creates a loose coupling between the set-top box and the middleware. The set-top box is capable of functioning perfectly at all times even when the middleware server is shutdown or not operating properly. **iTVsuite HA** coupled with a redundant infrastructure provides the customer with a resilient, highly available TV viewing experience.

In addition to the high availability feature, the middleware allows the administrator to control the set-top boxes remotely. This is done through commands that the administrator may want to send from the middleware to a set-top box. IPTV HA middleware application is a web based application allowing the administrator to log on from any web browser to use the management application.

KEY FEATURES

iTVsuite Portal is the front-end of the IPTV. It's the end-user section, where the IPTV middleware services can be consulted and activated. The portal is customizable upon customer requests, regarding look and feel, but also available services.

- Live TV Support
- Video on Demand
- Radio Channels
- Hotel Information
- Welcome Message
- Internet on TV
- System Mgmt. Module
- English Arabic Support
- Channel Favorites
- Remote STB Management
- Wake up alarm
- Channel Group by Cat.
- Prayer times and alarms
- Qibla Direction
- Weather Reports
- Parental Control
- PMS Integration

and still developing many more features...

Deliver true digital entertainment and personalized services with
High Definition IPTV and guest centric hotel service portal

- ◆ Wide Digital and connected content offer
- ◆ Fidelization through technology
- ◆ Better Room Management via TV
- ◆ TV becomes a Promotion & Sales tool
- ◆ Customizable Interface
- ◆ Rising Hotel Image & Awareness



Ease of Use

iTVsuite HA is a web application that is easy to install, set up and administer. This web application can be access from any browser.

Availability & Reliability

iTVsuite HA increases the availability & reliability of the IP TV environment, If communication between the set-top box and the middleware server is disrupted due to network outage or server down, the set-top box will continue to operate with its latest configuration.

Set-Top Box Grouping

The middleware allows the administrator to group set-top boxes together to create set-top box groups. These set-top boxes groups can be managed together. For instance, the same list of channels can be assigned to all set-top boxes in the set-top box group or an action can be requested from all set-top boxes in the same group.

Favorite Channel

iTVsuite HA provides the TV user with a simple and easy way to create a favorite channel list. The TV user can then Keep, update, or delete the favorite channel list.

Channel Grouping

The middleware allows the administrator to create channel groups by grouping certain channels together. These channel groups can then be assigned to certain set-top boxes. Different set-top boxes or set-top box groups can have different channel groups.

Messaging

Different messages are provided by the middleware. The administrator may send a banner message to a set-top box, a group of set-top boxes or to all set-top boxes. Pop Up messages and alarms are also available in the system.

Logging

For tracking and security purposes, communication between the set-top box and the middleware server is logged in. It helps identify and troubleshoot any issues that may arise.

Standard Development Platform

iTVsuite HA is based entirely on the open standard Java platform. The system inherits all the rich features of the java platform.

Open Framework work for Set-Top Box Support

Data Import & Export

iTVsuite HA allows system administrators to import data into the system and export data out of the system.

Both Channel lists and Set-top box data can be imported into the system and exported out of the system.

Remote Set Top Box Control

iTVsuite HA has the capability to control set-top boxes remotely. Administrators can perform actions on a set-top box, a group of set-top boxes or to all set-top boxes from a centralized location.

- Request the set-top box to update the system with its IP address
- Request the set-top box to update its channel list
- Request the set-top box to change its shutdown message,
- Request the set-top box to change to a specific TV channel
- Request a set-top box to shutdown or startup

Managing User Privileges & Groups

IPTV middleware for the hospitality market



System Requirement

The system requirements varies depending on the number of set-top boxes supported, the network infrastructure used, and the high availability requirements. The minimum requirements are listed below.

Server: Intel® compatible microprocessor, Core Duo 2 GHz 6 GB RAM, 146 x 3 GB HDD

Operating System: Redhat Linux 5 or Higher

Software: Java Runtime Environment 1.6+

Set-Top Box: Motorola VIP1003, VIP1903, AmiNet110 and 110H

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This document contains the specification for a product under continuous development. Specifications may change in any manner without notice.