

# KreaTV Software Development Kits

## Tools for flexibility and total control

The KreaTV™ Software Development Kits provide tools for managing and extending your IPTV solution. It allows for fast and smooth integration and application development of the software platform, leaving you in total control of services and their look and feel.

### **Create unique IPTV solutions**

The KreaTV Application Platform is a flexible software platform designed to give you maximum freedom of choice when creating your unique IPTV solution. Built on standards and with open interfaces, it offers infinite opportunities for fast and cost-effective integration and software development. To help you successfully manage and extend your IPTV solution we support a variety of Software Development Kits (SDK). No matter if the purpose is designing an attractive portal, creating innovative applications or adding new, fundamental platform functionality - KreaTV Software Development Kits provide you with the tools for all levels of software development.

### **Widen your choice**

The KreaTV Application Development Kit (ADK) enables application developers to create native Linux applications and browser plugins for the IP-STB system. As a result, operators will have a wider supplier base to choose from, as well as reduced development time, cost and supplier dependency.

### **Benefit from previous development**

The KreaTV ADK can also be used to port existing applications to new platforms. Make a few adjustments to desktop applications, and they are set to run on your IP set-top boxes.

### **Reference and test help**

The KreaTV Application Suite provides a set of basic applications, helpful in system tests. They are also natural references when developing your own applications.

### **Extend the platform**

New platform functionality, such as support for additional video servers, content protection/conditional access systems or software codecs, is quickly added with the KreaTV Extension Development Kit (EDK).

### **Portal perfection**

The KreaTV Portal Designer Kit (PDK) provides access to complete JavaScript libraries and source code to make the creation of your important consumer interface hassle-free.

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## SPECIFICATION

### KreaTV APPLICATION DEVELOPMENT KIT (ADK)

GNU-based cross-compiling tool chain

KreaTV Hardware Abstraction Layer (HAL) for selected set-top box series

Documentation in HTML format

Example source code: hello world application, simple browser plugin

Demo applications: infobroker, mediaplayer, memory display, video mixer

KreaTV Boot Image Builder's Tool

Font support: Kreativ font

A number of keyboard layouts

USB-support

Video server clients

Multicast TV clients

KreaTV Ether theme - skin

### KreaTV APPLICATION SUITE

KreaTV Navigator Application (with and without GUI)

KreaTV Portal Application

KreaTV Browser Application

KreaTV TV Application

KreaTV VoD Application

KreaTV Settings Application

KreaTV Teletext Application

KreaTV Remote Reboot Application

### KreaTV EXTENSION DEVELOPMENT KIT (EDK)

GNU-based cross-compiling tool chain

KreaTVI Hardware Abstraction Layer (HAL) for selected set-top box series

Documentation in HTML format

Example source code: Conditional Access plugin, video client

Demo applications: mediaplayer, memory display

KreaTV Boot Image Builder's Tool

Font support: Kreativ font

A number of keyboard layouts

USB-support

Video server clients

Multicast TV clients

### KreaTV PORTAL DESIGNER KIT (PDK)

Aspect ratio handling (4:3, 16:9)

Audio language selection

Subtitling language selection

### KreaTV ON-LINE GUIDE TOOLKIT (OGT)

Tools for creating the on-line end user guide

### KreaTV SPLASH SCREEN TOOLKIT (SST)

Tools for branding and creating a customized layout of the start-up screen