# MHP Application Authoring System
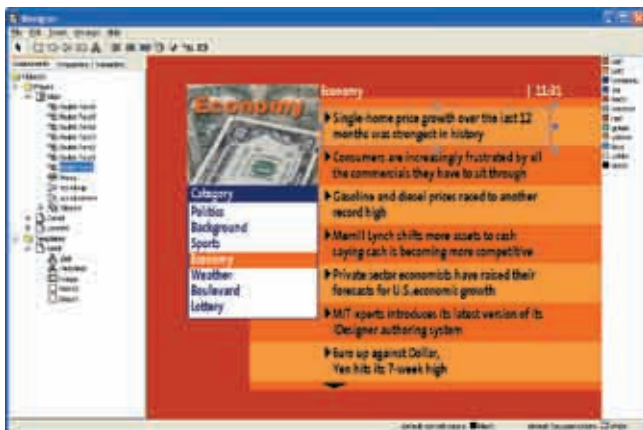


# iDesigner

## MHP Applications Made Easy

The MIT-xperts iDesigner allows you to easily create complex and impressive MHP applications. As a professional authoring tool for creating interactive television services efficiently, it is aimed at broadcasters, designers, and content creators.

Its intuitive user interface is as simple as a drawing application and allows anyone to create iTV MHP applications without requiring programming skills. With a single click an application can be uploaded to your playout environment.

## Create Your Own Components

MIT-xperts iDesigner comes packaged with a number of ready-to-use components that should be sufficient for most applications.

Although using MIT-xperts iDesigner does not require any Java programming skills in order to create applications, it comes with an open and well-documented extension interface, the iDesigner plugin API. This allows you to easily extend the standard iDesigner functionality according to your very specific needs. This can be done quickly by adapting one of the numerous ready-to-use plugin source-codes.



*iDesigner Screenshots*

## Advanced Features

16:9 support, automatic I-Frame generation, multiple undo-levels, and the possibility of sharing your components between different layers within your application as well as across applications, enables you to create stunning interactive services at a speed you never thought possible before.

The variable-based concept allows even a novice to easily create applications with dynamic content without the necessity to write complex scripts, use confusing functions, or write Java code.

An application can be exported to a Carousel-ZIP-File, an iMux Multiplexer, or other environments (by plugins).
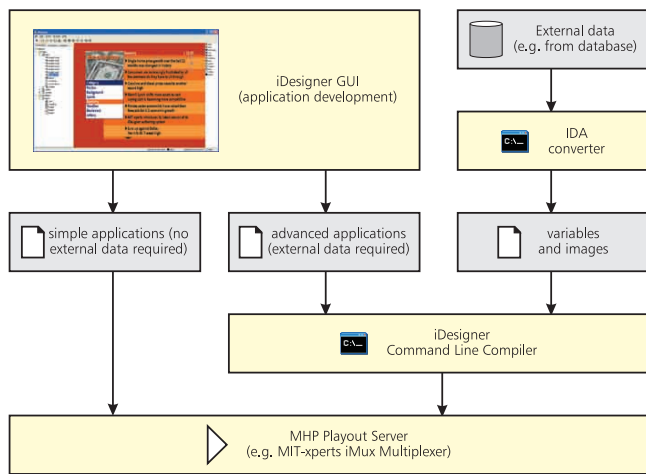
## System Requirements

MIT-xperts iDesigner runs on any Java-enabled operating system (version 1.4.2 or higher, such as Windows XP, Windows 2000, MacOS X, Linux, etc.).

Recommended computer setup is: PC with 1 GHz or faster, 512 MB RAM, Windows XP, 1280x1024 resolution (1400x1050 for 16:9 development).



*System overview / typical production process*

## Innovative Content Format

The innovative Unicode-based content format leads to extremely small and efficient applications that can be updated dynamically during runtime. The variable-based concept allows easy separation of design and content and is extremely easy to understand and use.

The built-in Post-Production-Optimizer allows you to broadcast data automatically tailored to exactly the functionality of your specific application, and supports automatic obfuscation (thus additionally reducing the size of your application).

## Three Versions of iDesigner

There are three different versions of iDesigner which allow you to choose your authoring tool according to your requirements: Standard, Professional, and Enterprise. For each version, you can purchase a support contract which entitles you to free product upgrades (MIT-xperts iDesigner is constantly developed and enhanced) and MIT-xperts phone/email help desk.

| Key Features | Standard | Professional | Enterprise |
|---|---|---|---|
| Design your applications like in a drawing application | X | X | X |
| No Java programming skills needed | X | X | X |
| Freely definable navigation | X | X | X |
| Dynamic application/content updates | X | X | X |
| Compatible with the latest MHP SetTopBoxes | X | X | X |
| Seamlessly integrates with iMux Multiplexer | X | X | X |
| Pre-arranged components/templates can be shared | X | X | X |
| XML project file format | X | X | X |
| Comprehensive plugin library | X | X | X |
| Included emulation environment for PC | optional | X | X |
| Even more plugins, Source-Code for all plugins | | X | X |
| SDK Guide and JavaDocs | | X | X |
| Application Compiler for automated application/ content generation and update | | | X |
| Data importer for automated importing of external data | | | X |
| Automated StreamEvent Manager | | optional | optional |

**ORDERING INFORMATION**

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