NEW TV-Tools 8.0

smart communication made simple

TV-TOOLS 8.0 now with WEB Support
Frontdesk
Operator console
Template support
Database exchange
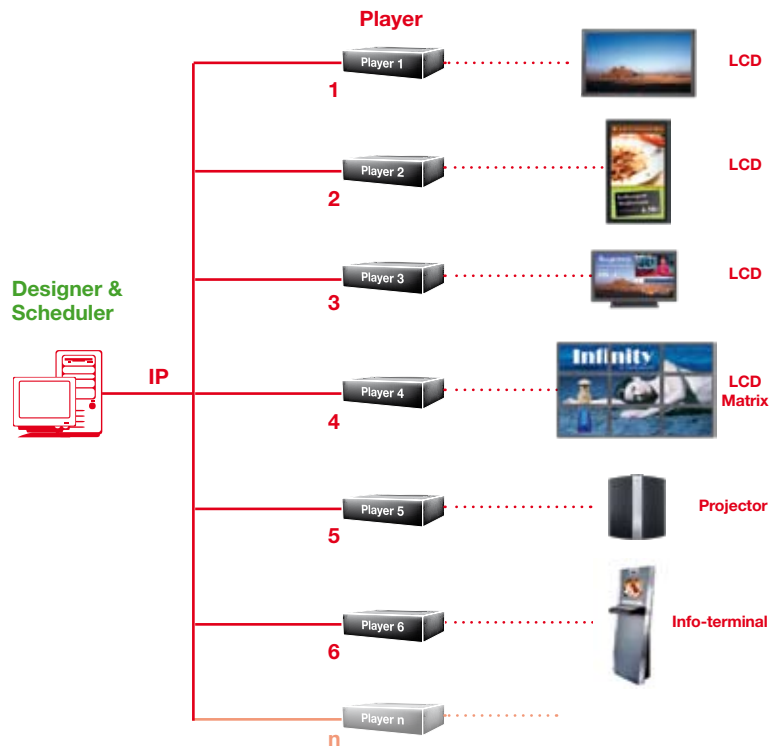
Digital Signage

Security

Broadcast

TV·TOOLS

J-TV

Reception

Digital Signage Software TV-TOOLS 8.0

JVC's software for the dynamic distribution of information

TV-TOOLS software package is at the heart of every digital signage installation. It ensures that the required message reaches the intended audience at the right time and in the right place. Create added value for all your target groups – whether specific visitors, customers, groups of employees or just the public at large.
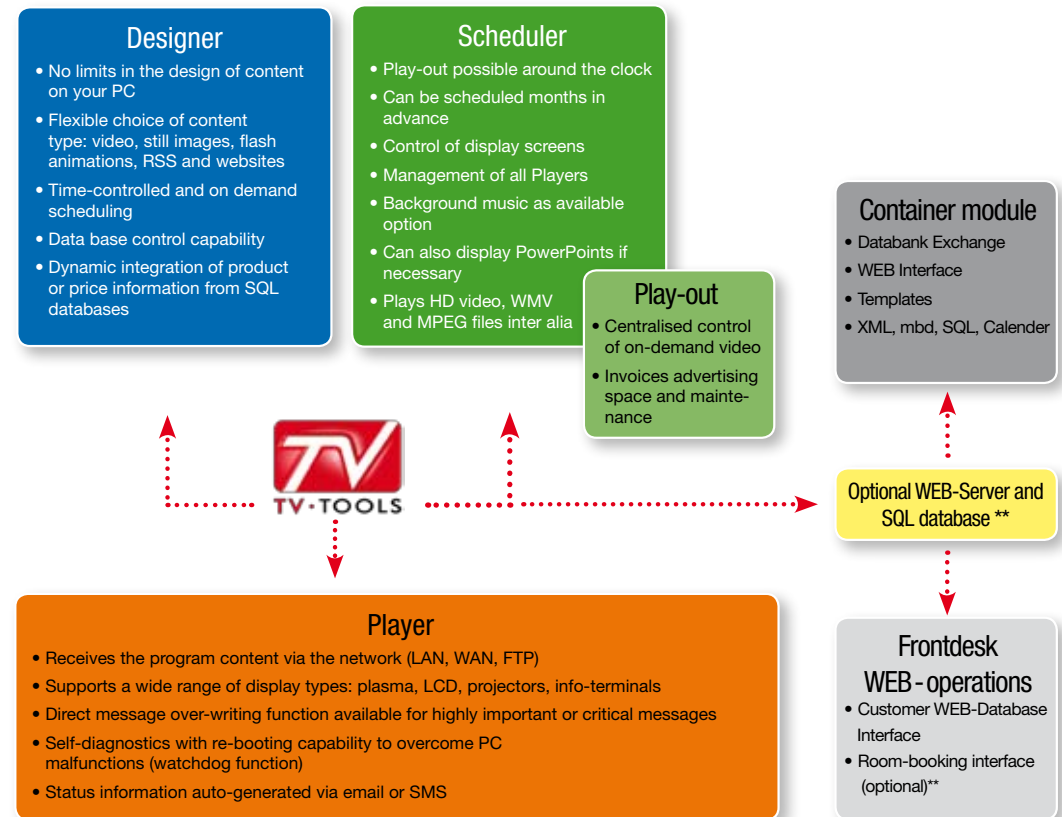
Develop and distribute differentiated audio-visual information in real time in different locations – your strategy gives you the flexibility to determine which content, at which location and at what time of day. Customised messages are well received in today's information society!

With TV-TOOLS you also have all the options you need to control and monitor individual display screens and their content on a network-wide basis – the monitoring software is complemented by the power to record and analyse content for the purpose of invoicing advertisers for their time slots. Built-in intelligence and an easy-to-understand program interface leave you with more time for the essentials of signage – namely, content design and – by extension – customer satisfaction.

Electronic posters and animated pictures in your showroom capture attention and heighten your customers' emotions. Academic studies show that digital signage solutions will increase sales by an average of 60 % more than classic rigid POS advertising media.

Player

Player 1	1
Player 2	2
Player 3	3
Player 4	4
Player 5	5
Player 6	6
Player n	n

LCD
LCD
LCD
LCD Matrix
Projector
Info-terminal

Designer & Scheduler

IP

Complete network solution: JVC provides an integrated professional digital signage solution, including software and displays.

Designer
- No limits in the design of content on your PC
- Flexible choice of content type: video, still images, flash animations, RSS and websites
- Time-controlled and on demand scheduling
- Data base control capability
- Dynamic integration of product or price information from SQL databases

Scheduler
- Play-out possible around the clock
- Can be scheduled months in advance
- Control of display screens
- Management of all Players
- Background music as available option
- Can also display PowerPoints if necessary
- Plays HD video, WMV and MPEG files inter alia

Play-out
- Centralised control of on-demand video
- Invoices advertising space and maintenance

Container module
- Databank Exchange
- WEB Interface
- Templates
- XML, mbd, SQL, Calender

Optional WEB-Server and SQL database **

Player
- Receives the program content via the network (LAN, WAN, FTP)
- Supports a wide range of display types: plasma, LCD, projectors, info-terminals
- Direct message over-writing function available for highly important or critical messages
- Self-diagnostics with re-booting capability to overcome PC malfunctions (watchdog function)
- Status information auto-generated via email or SMS

Frontdesk WEB-operations
- Customer WEB-Database Interface
- Room-booking interface (optional)**

Digital Signage Software TV-TOOLS 8.0

Main new features

WEB Support

- Frontdesk interface can work over the web to edit your templates
- HTML and XML support
- Powerful database interface (Container Module)
- Edit your templates from anywhere via the Internet or Intranet
- Web function can work with your web-server, room booking system or any other SQL database **

Container

- Possibility to use several database fields and to make transformations to the extracted values (like displaying an image corresponding to a text value or changing colour of an object according to a number read from the database)
- Wizard for simple container creation
- Enhanced support for .mdb Access files
- Advanced management of date and number formats
- Simultaneous management of multiple RSS feeds
- Possibility to specify conditions for RSS feeds
- Possibility to mix different presentation patterns and generate even more dynamic displays (e.g., alternate colours of text lines and table rows)

Room Booking

- Connection to room booking management applications and display of the relevant information
- Advanced integration of GRR (open source software)
- Advanced integration of Google Calendar
- Advanced integration of Microsoft Exchange
- Start of designs according to reservation conditions (free, occupied…)

Pull Mode

- Asynchronous and planned download via ftp or http / https

New Desktop Operator Console

- Creation of easy to use operator consoles via a custom XML profile and manageable via the domain controller (%userprofile%) using authorizations and prohibitions

- Frontdesk: an application which allows local content (text or images) to be published to a Website directly from the Designer for a decentralized exploitation (eg C:\tvtools\image\logo.jpg image becomes http://myserver/image/logo.jpg, thus the Players do not have to be updated).

- XML format for groups and schedules
- Capability to launch external applications directly from the Designer
- New XML file support to issue custom serial output commands
- XML counters that allow the creation of chronometers, countdowns, and custom clocks
- Unified Graphic Engine mixing Multizone and Overlay
- Advanced interactivity with keyboard/barcode scanner, serial input and TCP/UDP input

- Preload of animations and URL
- Advanced support WDM video capture devices (camera, professional video capture cards, analogue tuners)
- Direct content change on player
- Allocation of copyrights
- Optional restriction for functions of design change
- Only one designer license has to be available in the system

** can work with your existing WEB-Server or you need a third party software

Stadiums

Point of Sale

Foyers and waiting areas

Hotels, restaurants and canteens

Digital Signage Compact Player mini PC
+ TV - TOOLS 8.0

The Mini PC has been developed for use with the new JVC GM-F series of flat panel displays (available from February 2009) but can also be used as a standalone version. Due to the capability of the hardware, the functions are limited to one HD movie and no overlay mode. All other features can be used from TV-TOOLS Version 7 and the upcoming Version 8.

The Mini PC is a cost-effective solution for your advertisement and information systems based on the large TV - TOOLS functions and Web capabilities. Bring your ads to life with product information, real-time clocks and RSS information to attract your customers. Web agencies can also support your customer with ready made templates, fresh information and web interfaces.

General Information

- The new mini PC can also be used as a powerful room information system, thanks to the container database interface of TV-TOOLS.

- An economic, easy to use solution for displaying information in waiting areas or at points of sale

- A complete PC player (hardware and software) for all digital signage applications with an easy-to-use scheduler (Real Estate, Tourism, Points of Sale)

- An efficient and comprehensive tool that allows appropriate distribution of templates, videos, PowerPoint files or Flash or full-screen web pages.

- A simplified console allows local administrators to change, via Internet or network, the content of pre-generated templates. They may not alter the design of those templates, but only change their content. End users may also change the order and content of scheduled play out.

- Creation services for templates and database hosting are available to users (e.g., a web server is hosting a database, a user can see /modify/add recordings and TV - TOOLS will dynamically display these datas)

- Special robust design, extremely rugged in the field
- Compact design with power save
- Full TV - TOOLS Version 8 Player installation
- Includes Version 8 Player Licence
- Can playback Full HD Video content

- Plays self-running power point presentations
- Plays images, animations
- Free scheduler included
- For full functionality, order TV - TOOLS Designer software separately.

Technical Specifications
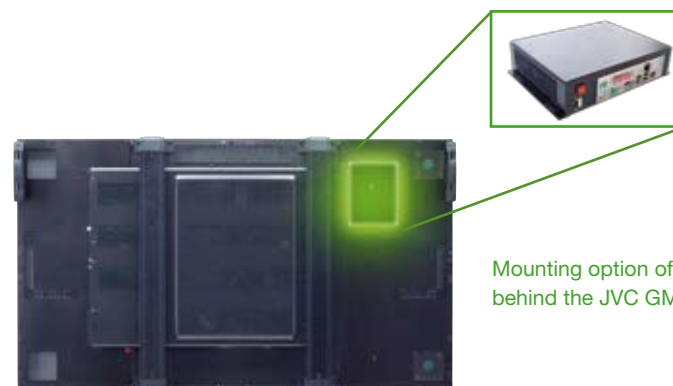
Mini ITX chassis (259.5 mm x 186 mm x 58.5 mm)	160 GB SATA 2 5" 5400 rpm Hard Drive
Motherboard INTEL D945GCLF -2 Atom 330 dual core processor	4 USB 2.0 external ports, RS232, Ethernet Controller
Graphic Chipset GMA950	Windows XP OEM HOME
Realtek High Definition Audio Controller	TV-TOOLS 8.0 Player Software
2GB memory	
Graphic output	15pin Sub.D VGA analogue

** Limitation due to hardware:
   To use all features, the PC hardware must be in the configuration that is mentioned in the spec. for TV-TOOLS Designer

*** Compact Player limits are:
   No overlay mode
   HD Video support only in Landscape and 720P format
   For Scrolling text or RSS, please use only slow mode

Mounting option of the Compact Player behind the JVC GM-F Full HD Display

JVC
The Perfect Experience