

## Overview of Features screenFOOD® SA

**screenFOOD® SA is specially designed to suit the requirements of digital display systems and easy to use. The helpful modules and high degree of reliability in constant operation make this intelligent software solution an indispensable power tool at your digital Point Of Information / Point Of Sale.**

**The current software versions have the following new features:**

### screenFOOD® SA 5.1

- Complete conversion of the application to .NET4.0
- Support of all Hauppauge analogue and DVB cards
- Preview Player: content preview possible at a requested point in time in order to avoid holes and therefore missing content in the configuration
- Just one installer for both English and German
- Windows 8 fully supported

**GENERAL:**

- User-friendly installer with short installation checklist
- Split-screen capable and display with any number of pixel-precise regions (a maximum of 33 regions depend on hardware power)
- Smooth transition between media
- Independent of resolution
- Multi-screen capable (several screens controllable with software)
- Selection of DirectX or MediaPlayer as resource for video playback
- Background colour during media change can be selected individually
- Automatic recognition of screen resolution used
- Automated deleting of unused files after x days (free configuration)
- Fast Hardware: Each asset has its own process
- Slow Hardware: Each region is a process
- 64-bit compatible (Windows 7)
- Undo/Redo function with up to 20 steps
- NoEvent switch: if the schedule overview template (SFG) has no current schedules, another layout will play (DOORs, Excel, RSS etc.)
- HDMI-compatible: silent sound track is transmitted additionally (setting option)
- Animated image transitions
- Allocating and playing priorities
- Preview of the content created in its own window (adjustable size)
- Fulfilment of Windows standard defaults regarding saving defaults
- All program data now use „Program Data“ and no longer „Program Files“
- Fully automatic migration when upgraded
- Complete conversion of the application to .NET4.0
- Just one installer for both English and German
- Windows 8 fully supported

**MEDIA:**

- Automatic scaling of media to region (format)
- Display of various media in juxtaposition simultaneously (except TV)
- Content loop function
- Plays all standard media formats (see table)
- Broad codec support – based on Windows Media Player or DirectX (can also be based on more unusual formats on request)
- News ticker (running message) from external Excel or text file and RSS feed connection
- News ticker can be configured as static text or running message
- Transparent news ticker
- Incorporation of transparent PNGs
- Incorporation of websites, webcam links and URL streams (only with Windows Media Player)
- PowerPoint is running with PowerPoint Viewer 2010 (Office 2010 must not be installed)
- Several pages can be played from one PDF

**PLAYLISTS & LAYOUTS:**

- Compile playlists using drag & drop
- Playlists can be processed directly from the preview
- Regions can be created quickly and precisely down to the last pixel using the mouse with the Layout Editor
- Preinstalled templates can be selected via the dialogue box and played immediately
- Play several playlists consecutively
- Play several split-screen layouts consecutively as a set
- Shuffle function for playlists: sequential or random compilation of media in a playlist and setting of the number of media per cycle
- Background music setting (layouts play on continuously)
- Areas can have side ratios (1:1, 4:3, 16:9 and 16:10) allocated to them, which can be scaled if required
- Preview Player: content preview possible at a requested point in time in order to avoid holes and therefore missing content in the configuration

## Overview of Features: Standalone Software

## screenFOOD® SA BASIC 5.1

### SECURITY:

- Plays perfectly 24/7 thanks to Watchdog monitoring
- All procedures are logged in a file and are available for evaluation (new structure starting from 3.1)

### SUPERVISION:

- Separate monitoring screenFOOD-application that checks defined applications at given time intervals and restarts when there is no activity
- As many screenFOOD-applications that need to be monitored as desired can be defined
- Freely definable time interval for automatic monitoring
- Freely definable time interval for automatic restart function

## Overview of Features: Standalone Software

## screenFOOD® SA MODULE 5.1

### TIMINGS:

- Advanced scheduling for days, dates and times and a play / don't play function (precise to the second)
- Monthly, weekly and daily plans can be drawn up and disposed of in advance
- Several timings can be accumulated
- Timings can be applied to layouts and playlists

### TRANSPORTATION USB:

- Fully automatic update of contents via USB, with a standard memory stick or drive
- Media update without keyboard or mouse
- Visual report on the status of import via copying bar
- Automatic secure removal of hardware (mounting device)
- Automatic restart of the screenFOOD® player after import is completed

### TRANSPORTATION NETWORK:

- Automatic sending of layouts via the network
- Loading of content of player PCs onto editing PC
- Communication about resolution of player PC screen
- All screenFOOD® Players in the network are found automatically with Broadcasting via UDP (Port 11000 must be opened)
- As an alternative to the UDP port, fixed IPs can be allocated; then only the TCP port is required

### TV:

- Simple configuration of television channels with a configuration assistant
- Configuration of TV channels also expanded to include; Frequenz
- Different TV cards can be integrated via DirectDraw Graph (graph can also be created)
- Depending on compatibility of TV card, a signal from periphery devices such as video cameras, video surveillance equipment, satellite receivers, DVD players etc. can be received and displayed via video in
- TV signal is scaled to the region independently of resolution
- USB webcams can also be displayed
- Support of all Hauppauge analogue and DVB cards

### MONITOR CONTROL :

- Individual Output device control via RS232 interface (serial commands)
- E.g. Predefined switching on and off of the screen via RS232
- E.g. brightness control adjustment calibrated in percent
- Interval for testing screen status can be defined individually
- Further commands or Inquiries can be programmed easily
- DPMS capability

**INTERACTIVE MODE (interactive content):**

- Definition of active and inactive playlists
- screenFOOD® shows media from an inactive playlist until the screen is touched or the mouse moved, similarly to screensaver mode
- The playlist (layout) is changed by interaction and the user has the active content at his disposal
- Screensaver mode cuts in again after a given period of inaction
- The time setting can be defined individually for each client (idle time)
- An active playlist without an inactive playlist can also be displayed
- Security: attacks on the system rendered impossible by automatic switch-off of system functions such as Task Manager, key combinations, browser shortcuts etc.
- EventActionMapping for self-programming of interactions
- EventAction now also triggers monitor control
- Different files can be selected per EventAction

**3D:**

- Plays 3D contents on 3D monitor from 3D Impact Media
- Sets display type and a media format
- Assigning each medium its own 3D attribute separately (from Client 4.1)
- Requirement: 3D Realityplayer is installed
- State settings per medium directly in the standalone

**SERVER:**

- Easy 7-step configuration assistant for easier handling
- Safe dialling via HTTPS
- Monitor appointments easily via your own web interface (Outlook Style)
- Appointments can be listed by day, week or complete list
- Every meeting room has its own appointment calendar
- Overview display collates all appointments in configured rooms
- Regularly occurring appointments can be automated (appointment series)
- Record appointments with starting and finishing times /date including a set period of time before and after the appointment
- For reservation lasting several days the overview display will show varying start and end times daily
- Upload picture files (e.g. logo, escape plan) for each appointment
- Upload your own icons for guide (png format)
- Choose your own picture to appear on the HTML display when there is no event
- Arrow directions on overview display can be adjusted
- Preview displays all pages
- Preview of a given date (up to 6 days)
- Search function for appointments, time periods and rooms
- Admin: record and alter users and groups
- User groups are given different access rights (none, read only, full)
- Users who are logged on can change their passwords themselves
- Admin: Upload design templates (SFG files) specific to certain rooms
- Templates can be deleted
- Interface to external booking software with import via XML and CSV (according to our pre-settings)
- MS exchange interface (outlook)
- Either basic, digest or integrated windows authentication in IIS for EWS
- Installer for DOORscreen 4.0 new installation
- Installer for DOORscreen from version 3.2 to version 4.0 upgrade
- Support for further operating systems

**CLIENT:**

- Simple integration into screenFOOD Player (screenFOOD® SA or CS Client with SFG file possible)
- Alternative: appointment display as rendered JPG files (HTML link)
- Choose your own picture to appear on the HTML display when there is no event
- Displays dynamic contents on an HTML display (Javascript)

**GRAPHIC DESIGNER & LIST FACTORY:**

- Power tool for creating graphics and easy-to-use templates
- Preinstalled templates can be processed and saved as self-created templates
- Flexible update (independent of location) of dynamically defined contents via entries in Excel documents, RSS feeds etc.
- Integration of external picture files (via Excel or RSS-Feed e.g. event calendar with pictures)
- Display of appointments via Excel, including starting and finishing times
- Simple programming configuration
- Choice of three page-change functions:
  - Book (as previously)
  - Loop (fills the last page with the first entries from the next so that there are always the same number of entries on one page)
  - Scroll (always removes the uppermost entry and replaces it with one from below)
- List Factory: URL with proxy settings and authorisation can be added
- Undo/Redo function with up to 20 steps
- 'No Event' switch: if the schedule overview template (SFG) has no current schedules, another layout will play (DOORs, Excel, RSS etc.)
- Several instances of the Graphic Designer possible at the same time
- Simple copy&paste of contents between Graphic Designer windows

**CONTENT CREATOR:**

- Create animated advertisements by filling pre-configured Flash templates
- Add pictures, texts, colours using your own PC via a user-friendly input mask
- An individual template can be filled and used as often as you wish
- Preview of animation created directly visible
- Animation created on standalone will be added to the playlist like a regular medium

*February 28, 2013*

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