

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 4.0

- Animated image transitions
- Allocating and playing priorities
- Entire media folders can be linked to the playlist. The new files will be played as soon as they are placed in the hot folder.
- DPMS capability
- Background music setting (layouts play on continuously)
- Preview of the content created in its own window (adjustable size)
- Automatic setting of the commonest aspect ratios in an area.

GENERAL:

- User-friendly installer with reduced installation checklist
- Split-screen capable and presentation with as many regions as required (pixel precise)
- 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 video change can be selected for each layout 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
- Restore a file
- NoEvent switch: if the SFG has no current schedule, another layout (DOORs, Excel, RSS, etc.) will play
- 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)

MEDIA:

- Automatic scaling of media to region (format)
- Display of various media in juxtaposition simultaneously (except TV in two regions)
- 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 not DirectX)
- PowerPoint is running with PowerPoint Viewer 2010
- 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 new 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

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 application that checks defined applications at given time intervals and restarts when there is no activity
- As many 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

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 1100 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

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

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

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
- Restore a file
- NoEvent switch: if the SFG has no current schedule, another layout (DOORs, Excel, RSS, etc.) will play