

# Quick Guide

Elementi 2017

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# **System Requirements**

### **Windows**

- Microsoft® Windows® 10, Windows® 8.1, Windows® 7 with Service Pack 1, Windows® Vista with Service Pack 2.
- A 32-bit or 64-bit processor (Elementi is a 32-bit application, but it also runs on a 64-bit processor)
- 200 MB of available hard-disk space for installation
- Intel® Pentium® 4, AMD Athlon® 64 processor or newer that supports SSE2 instruction set
- 4GB of RAM
- Resolution above 1024x768 DirectX 9.0c or later with 32-bit color

Elementi cannot be used without activation. Internet connection is required for download, activation, and reactivation.

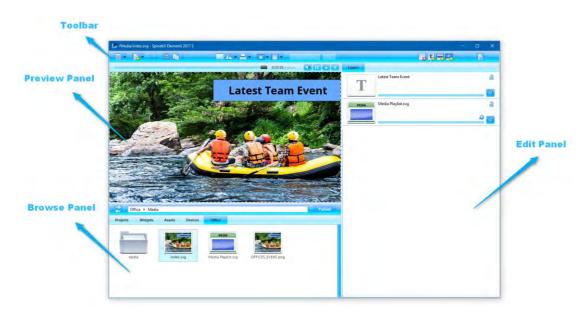
### Notes

- Mac OS is not supported, however Boot Camp (with or without Parallels Desktop) runs compatible versions of Microsoft® Windows® or Intel-based Mac
- Linux OS is not supported
- Windows® Server OS is not supported
- Virtual machine is not recommended mostly for performance reasons

# **Getting Started**

# **Panels and Views**

The main Elementi window consists of four panels and allows horizontal and vertical view.



# **Panels**

**Preview panel** Allows viewing projects, layouts and playlists (see Preview panel, p14)

**Edit panel** allows editing components such as properties, layers, playlist items and schedule (see

Edit panel, p16)

**Schedule Panel** Allows assigning the time slot for media to play at a particular time, or with certain

recurrence (see Schedule Panel, p18)

**Browse panel** File repository (see Browse panel, p19)

### **Views**

To change a view, select **Orientation** (under Menu>View icon in the toolbar), and choose **Horizontal** or **Vertical**.

# **Toolbar**

The toolbar contains icons used to perform the most frequent actions. The toolbar is context sensitive, and depending on the task performed, only relevant icons will be shown. When hovering the cursor over an icon, a tooltip will appear. Some icons offer more options and these can be viewed by clicking on the downward pointing arrow. You can also access some of the functions of the toolbar buttons via hotkeys.



Left, right, center, top and bottom media alignment

Going back to previous document

Back

Setup dialog (background color, transitions, etc.)

(CTRL+1)

# **Project**

A project contains all the files put together to create digital signage content for your screen(s).



### **Project Components**

A project contains a master file and any combination of images, videos, playlists, and/or layouts. The master file (index.svg) allows viewing a project. Your project may also contain schedule, scripts, data, etc. It is possible to place any number of layouts and playlists, as well as a schedule within a project.

## **Creating a New Project**

To create a new project, select **New Project** (under the New icon in the toolbar), and set a project name, a target device, display format, duration, etc. These properties can be changed at any time. The new project is automatically saved under the **Projects** (tab in the Browse panel). Projects can be grouped together in a collection (folder).

### **Viewing your Project**

To view a project in the Preview panel, double-click on the project (icon in the Browse panel). All project files will now appear (in the last tab of the Browse panel). The project name will automatically appear as the name of the last tab.

### **Properties**

To view and modify the project properties, click on **Document Properties** [3] (icon in the toolbar).

# Layout

A layout is media arranged in a particular way.



### **Creating a New Layout**

To create a new layout, select **New Layout** (under the New icon in the toolbar), and set the name, format, background color, duration, etc. These properties can be changed at any time. The new layout is automatically saved inside the current project.

### **Using Layouts**

Layouts can be used in a project, a playlist or in a schedule. Layouts can be dragged and dropped into the Edit panel. Any number of layouts can be created within a project.

### **Editing Layouts**

To edit a layout, double-click on the layout (icon in the Browse panel). To view a layout in the Preview panel, double-click on the layout master file (index.svg). To add media, drag and drop the media (files) from the Browse panel into the Preview or Edit panels. To add text, click on *Add Text* (icon in the toolbar). Each added media or text automatically gets its own layer in the Edit panel.

### **Properties**

To view and modify layout properties, click on **Document Properties** [3] (icon in the toolbar).

# **Playlist**

A playlist is a series of items that play in sequential order.



# **Creating a New Playlist**

To create a new playlist, select **New Playlist** (under New icon in the toolbar), and set the playlist name, transition, duration, etc. These properties can be changed at any time. New playlists are automatically saved inside the current project.

## **Using Playlists**

Playlists can be used in projects, layouts, in another playlist or in a schedule. A playlist can be dragged and dropped into the Preview or Edit panels. Any number of playlists can be created within a project.

### **Editing Playlists**

To edit a playlist, double-click on the playlist (icon in the Browse panel). To view a playlist in the Preview panel, double-click on the playlist master file (playlist.svg). To add media in a playlist, drag and drop the media (files) from the Browse panel into the Edit panel.

# **Properties**

To view and modify playlist properties, click on **Document Properties** [5] (icon in the toolbar).

# **Publishing your Project**

Publishing is the action of copying your project to one or multiple devices.



# **Publishing a Project**

To publish your current project, click on **Publish** (button above Browse pannel). To publish another project within **Projects** (tab in the Browse pannel), select the respective project, and then click on **Publish** (button above Browse pannel). In both cases, the Publish dialog opens.

# **Target Devices**

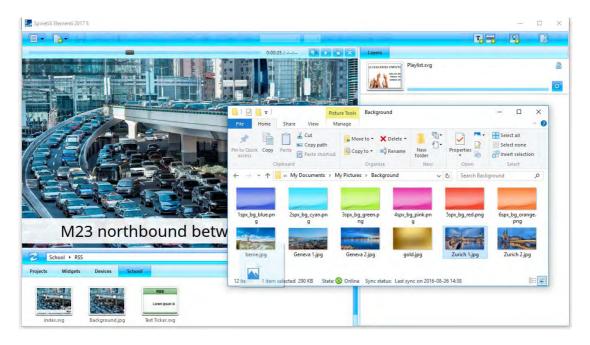
To add or remove target device/s, click on **Add/Remove** (button). Select the target device/s for the project to be copied to. Once added, target device/s will remain in the **Target Devices** list until removed.

### **Republishing Projects**

Republishing a project will only copy the modified files.

# **Importing**

Importing is bringing files from any location to a project.



# **Importing Files**

To import file/s, drag and drop the file/s from Microsoft® Windows® Explorer to the Browse panel, or use the *Import* feature (right-click on an empty space in Browse panel).

# **Image Formats**

PNG and JPEG image formats, supported by Elementi, will be imported. All other image formats will be automatically converted into either PNG or JPEG.

# **Video Formats**

Videos within the player specification will be imported. All other videos will be automatically converted. For further info, please refer to **SpinetiX Support Wiki**.

# **Fonts**

Fonts are included in Elementi. New fonts can also be added.



# **Adding a Font**

To add a new font, select **Add Font** (under Menu>Project in the toolbar). The new font is automatically added to the font selection (drop down menu in the toolbar), and saved under **fonts** (folder) created within the current project.

# **Supported Font Types**

Elementi supports TrueType and OpenType fonts.

# Interface Overview

# **Preview Panel**

The Preview panel allows viewing your projects, layouts, and playlists.



### **Preview Panel Features**

The Preview panel can be adjusted in size by dragging the dividers horizontally and/or vertically. The Preview panel includes playback, and the following actions:



### **Preview Panel Editing**

You can move and resize media in the Preview panel. It is not possible to edit locked (in the Edit panel) media. Placing new media on top of alrady existing media in the Preview panel, will replace it.

## **Editing Within Layouts**

To edit within a layout, double click on the media (icon in the Edit panel). When editing layout, playlist or schedule within a layout, only the edited selection will be active, whereas the rest of the preview remains inactive. Clicking on **Back** (icon in the toolbar) will revert to the full preview.

# **Full Screen**

Full screen allows viewing content shown in the Preview panel over an entire screen.



# **Enabling Full Screen**

To enable full screen, select *Full Screen* (under Menu>View in the toolbar), or press the *F12* keyboard key. To exit full screen, press *Escape* (esc) on the keyboard.

# **Edit Panel**

The Edit panel allows editing components such as properties, layers, playlist items, and schedules.



### **Edit Panel Components**

Depending on the component, content in the Edit panel is adjusted accordingly.

**Properties Tab** Allows setting up color, locale, data source, etc.

**Layers Tab** Allows ordering and editing media. Each media has its own timeline and the following actions:



**Playlist Items** Playlist items allow ordering and editing all playlist media. Each playlist media item has its own duration and the following action:



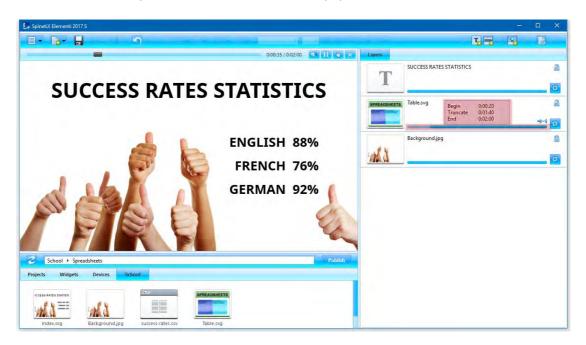
**Schedule** The Shchedule module in the Edit panel allows assigning time slots for each media to play.

# **Uneditable Components**

In some cases, a document may not have any editable components or they might be limited due to restricted editing rights.

# **Timeline**

The timeline is a visual representation of media start and end playtimes.



### **Timeline Duration**

Each media has its own timeline. By default, the duration of each media is 100%.

### **Timeline Features**

The main timeline feature is to set start- and end- playtimes per media. Depending on the media type, additional features are available. Hovering the pointer over the timeline shows the following parameters: begin- play time, duration, and end- play time.

**Videos, Layouts** Videos, layouts and playlists can be set to play once, forever, or truncated. **and Playlists** Play status is indicated by the following icons:

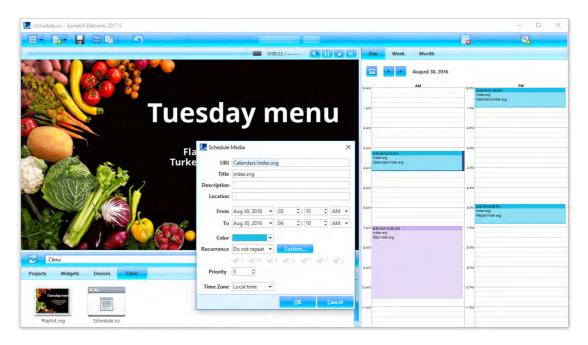


**All other media** It is possible to adjust the start- and end- playtimes, as well as move the whole playtime slot per given media. The media status is indicated by the following icon:



# **Schedule Panel**

The Schedule panel allows assigning the time slot for media to play at a particular time or with certain recurrence. Text is the only media that cannot be scheduled.



# **Creating a New Schedule**

To create a new schedule, select **New Schedule** (under New icon in the toolbar). To open a schedule, click on the schedule (icon in the Browse panel).

## **Schedule Views**

Schedule has a daily, weekly and monthly view. Each view allows navigating to the previous and next day, week or month.

# **Scheduling Media**

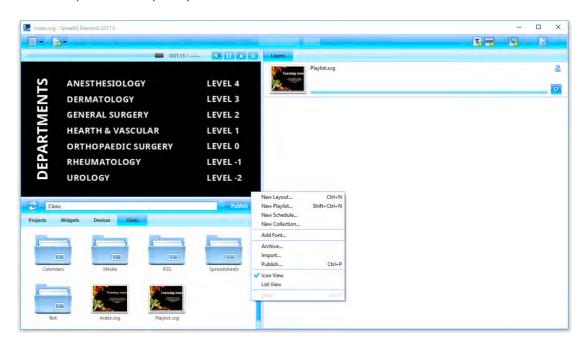
To schedule media, drag and drop any media (file) into the Schedule panel, or click on **Schedule Media** (icon in the toolbar). It is also possible to move already scheduled media by drag and drop. Also, the start- and end- playtimes can be adjusted.

# **Scheduling Options**

To edit scheduling options such as reccurrence, time zone, etc., double-click on the scheduled media in the schedule panel.

# **Browse Panel**

The Browse panel is a file repository.



# **Browse Panel Components**

The following components are included in the Browse panel:

**Projects** Repository for all the projects created, or imported

**Widgets** A selection of widgets (see Widgets, p21)

**Assets** User content repository, available with Elementi M and X (see Assets, p22)

**Devices** Repository for all available devices (see Devices, p23)

'current project' Current project files - the last tab to the right (named after the current project)

### **Browse Panel View**

To set icon or list view, select **View** (under Menu icon in the toolbar), and choose **Icon View** or **List View**.

### **Browse Panel Features**

The Browse panel allows viewing, renaming and deleting files, as well as importing files.

# Widgets

Widgets are digital signage components designed to display live content that auto-updates.



The following widgets are included in Elementi:

**Backgrounds** a selection of background images

**Cliparts** a selection of cliparts

Clocks a selection of analogue and digital clock widgets

Dates a selection of date widgets in different calendar formats

**Counters** a selection of counter widgets

**Sun & Moon** a selection of widgets to display Sun and Moon times

**Text Effects** a selection of advanced text effects

**Text Crawlers** a selection of widgets to display crawling text QR Codes NEW a selection of widgets to display QR codes

Twittera selection of widgets to display data sourced from TwitterFacebookNEWa selection of widgets to display data sourced from FacebookFlickrNEWa selection of widgets to display data sourced from FlickrInstagrama selection of widgets to display data sourced from Instagram

**RSS** a selection of widgets to display RSS data

**Text**a selection of widgets to display data in the form of text **Spreadsheets**a selection of widgets to display data from a spreadsheet

+ a selection of Blue Pack widgets - Menu, Opening Hours, and Wayfinding

**Calendars** a selection of widgets to display data from a calendar

+ a selection of Blue Pack widgets – Events, Monthly Events, and Weekly Events

**Media** a selection of widgets to display media

**Charts** a selection of widgets to display data in the form of charts **Gauges** a selection of widgets to display data in the form of gauges

Finance a selection of widgets to display financial data
Weather a selection of widgets to display weather

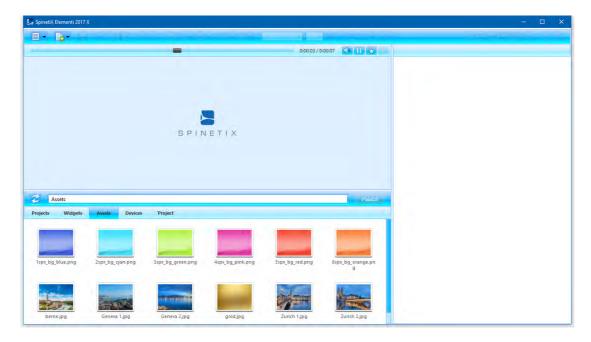
**Screen Control** a selection of widgets to control displays (on/off, volume, etc.)

**Interactivity** a selection of widgets to create interactivity content

More information on Widgets is available in the  ${\bf Widgets}~{\bf Quick}~{\bf Quide}.$ 

# **Assets**

Assets are a user file repository that can be shared and modified. Assets are included in Elementi M and X.



# Single User

The user can place any file into Assets. All the files placed in Assets can be shared between projects

# **Multiple Users**

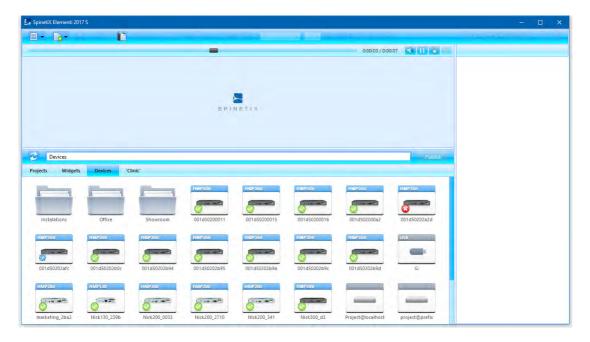
The Assets location can be set as Microsoft® Windows® Share to enable multiple users to share individual files and folders, or projects with other users.

# **Using Files**

To use files from Assets, drag and drop the selected file to a layout, a playlist or a schedule. The selected file will be automatically copied into the current project.

# **Devices**

Devices are all compatible SpinetiX HMP devices, USB devices as well as publish locations.



# **Adding a Device**

All compatible devices are automatically discovered, and available under the **Devices** tab in the Browse panel. SpinetiX HMP devices are classified by model. The device name and photo appear on the icon. Devices can be added, renamed or deleted, as well as organized into collections.

# **Adding Device Manually**

To manually add a device, select **New Device** (under Menu>Devices in the toolbar) and set a device serial number, IP address and password (optional).

# **Adding Publish Location**

To add a publish location, select **New Publish Location** (under Menu>Devices in the toolbar) and set server address, name and credentials (optional). The Publish Location feature is included in Elementi M and X.

### **Device Status**

To view the device content, double click on the device (icon in the Browse panel). The device status is indicated by the following icons:



# **Style Features**

# **Text Properties**

Text properties are any parameters applied to text.



### **Essentials**

The following parameters are included in **Essentials** (tab in the Layer Properties dialog):

**Time** Begin time, and /or duration

**Opacity** 0-100%

**Alignment** Horizontal and vertical **Position** Exact position and size

**Smart Text** A selection of text effects such as motion, auto text size, etc.

# **Editing Text Properties**

To edit and apply text properties, click on *Layer Properties* (icon in the Edit panel), and click on the *Essentials* tab. Sliders facilitate adjusting particular options such as opacity.

# **Media Properties**

Media properties are parameters applied to any media except for text.



### **Essentials**

The following parameters are included in **Essentials** (tab in the Layer Properties dialog):

**URI** Unique resource identifier and option 'proof of play'

**Time** Begin time, and /or duration

**Opacity** 0-100%

**Fit** Selection fit, boundaries meet and media slice

**Alignment** Horizontal and vertical **Position** Exact position and size

# **Editing Media Properties**

To edit and apply media properties, click on *Layer Properties* (icon in the Edit panel), and click on the *Essentials* tab. Sliders facilitate adjusting particular options such as opacity.

# **Box Format**

A box format is a visual effect applied to media or to a text box.



# **Format Types**

The following parameters are included in **Box Format** (tab in the Layer Properties dialog):

Mat Background opacity and color

**Border** A selection of borders

**Padding** Space between media and selection

**Corners** A selection of corner styles **Shadow** A selection of shadow styles

# **Editing Box Format Properties**

To apply a format, click on *Layer Properties* (icon in the Edit panel), then click on the *Box Format* tab and tick one or multiple format types to apply. Depending on the format type, more options become available. Sliders facilitate adjusting particular options such as width.

# **Effects**

Effects are animations applied to media.



# **Effect Types**

There are three types of effects (shown as tabs in the Layer Properties dialog):

**In Effect** Controls how media appears

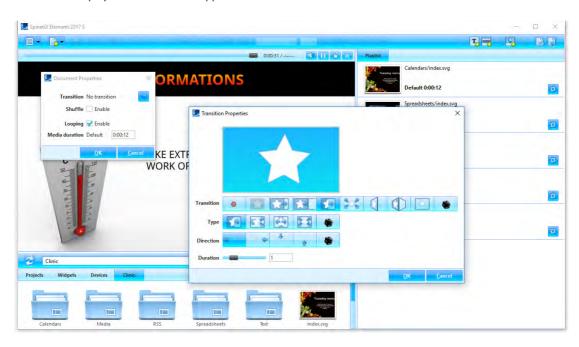
**Highlight** Animates media on the spot **Out Effect** Controls how media disappears

# **Editing Effect Properties**

To apply an effect, click on *Layer Properties* (icon in the Edit panel), and choose the type of effect you want to apply. The available effects are illustrated by icons, including *No effect* to remove effect. Depending on the effect, more options such as *Direction* show up. To set a random direction, click on *Random* (icon). Sliders facilitate adjusting particular options such as *In Effects* and *Out Effects* duration and audio fade as well as *Highlight* duration, offset, occurrence, interval and amplitude. Mini preview shows the chosen effect.

# **Transitions**

Transitions are playlist motion effects applied between media.



# **Editing Transition Properties**

To apply a playlist transition, double-click on the playlist master file (playlist.svg) and click on **Document Properties** (icon in the toolbar), click on **Transition** (icon), and choose transition to apply. Icons show all the transitions available, including **No transition** to cancel transition. Depending on transition, more options such as **Direction** show up. To set a random transition, type and direction, click on **Random** (icon). Sliders facilitate adjusting particular options such as duration. A mini preview on top shows the chosen transition.

# User Role Overview

# **User Roles**

User roles are included in Elementi M and X and allow editing and publishing restrictions for different users.



# **Setting up User Roles**

To set a user role, select *User Roles* (under Menu>Settings in the toolbar), and set the level of editing and publishing restrictions. User Roles setup can be username and password protected.

# **Editing Restrictions**

There are three types user restrictions available:

**Full Control** Default, full editing rights

**Edit Mode** Allows editing only media that is defined as editable (content created with Elementi X)

**Read Only** No possibility to edit, and no Edit panel available

# **Publishing Restrictions**

There are three types of publishing restrictions:

**Full Control** Default, full add/remove devices, and publishing rights **Limited** Allows publishing only to predefined target device/s

**Not Available** No possibility to publish

# **Advanced Features**

# Locale

The locale consists of a set of parameters that define date and time format, depending on user language, country, etc.



# Widgets

All the widgets that display date and/or time can be configured using more than 200 locale variations.

# **Choosing your Locale**

To define your locale, select **Properties** (tab in the Edit panel), and choose **locale** in the drop down menu. Recently viewed parameters will be shown in the locale dialog. To see all parameters, choose **more**.

# Interactivity

A set of interactivity widgets is used to establish a response to a user action.



# Widgets

All interactivity widgets are 'read only'. To edit widgets, it is necessary to open *Interactivity* (widgets folder), and drag and drop the chosen widget to a layout, a playlist or a schedule. The chosen widget will be automatically copied into the current project.

# **Customizing Interactivity Widgets**

To customize an interactivity widget, double-click on the widget, and all widget components will open in *Layers* (tab in the Edit panel). To test a widget, click on *Interactivity Mode* (icon in the Preview panel).

# Multiscreen

A multiscreen project is designed to be displayed on multiple synchronized displays.



# **Creating a Basic Multiscreen Project**

To create a basic multiscreen project, select **New Project** (under New icon in the toolbar), set project name and target device, and choose **Multiscreen Array** as the display format. Duration does not apply to multiscreen.

### **Multiscreen Parameters**

To view properties such as number of screens, frame border, etc., select **Properties** (tab in the Edit panel).

# **Viewing Screen**

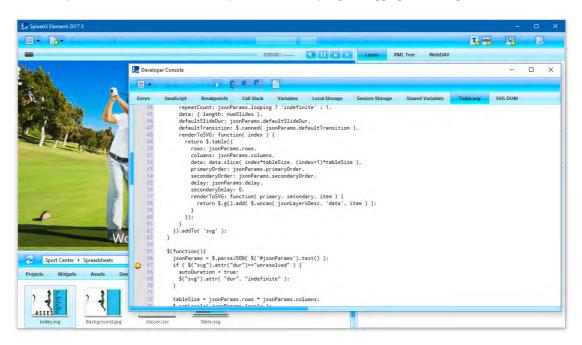
To view an individual screen, click on *Multiscreen* (icon in the toolbar), and choose from the list of screens.

### **Important**

Prior to creating a multiscreen, please check Wiki Support documentation as certain restrictions apply.

# **Developer Console**

The developer console is a dedicated development tool for scripting, debugging and testing.



### **Features**

The following features are included:

Errors A list of errors such as 'file not found', etc.

JavaScript JavaScript errors and content of alert

**Breakpoint** A list of breakpoints

**Call Stack** Information about calling stacks of subroutines

VariablesA list of variables and valuesLocal StorageContent of the local storageSession StorageContent of the session storageShared VariablesA list of shared variables and values

'current file' File currently being debugged (each file automatically opens in a new tab)

**SVG DOM** Live state of SVG DOM

# **Viewing Developer Console**

To view the Developer Console, select **Developer Console** (under Menu>View icon in the toolbar).

# Licenses

## **Getting Started**

Step 1 Download Elementi from spinetix.com/download

**Step 2** Installation on PC

**Step 3** Activation

### **Activation**

There are two activation options:

**Enter a license key** valid license key needed to activate Elementi S, Elementi M or Elementi X

**Get a 30 day free trial** Elementi S free trial

Upon pressing **OK** (button), Elementi will automatically restart.

Elementi S, Elementi M or Elementi X license can be purchased at any SpinetiX partner (see partner list under *spinetix.com/partners*). Purchased Elementi license can be activated on a single PC. 30 day free trial Elementi license can be activated on a single PC, and that can be done only once.

Activation requires Internet connection. If the PC running Elementi does not have Internet access, manual activation will start.

### **Deactivation**

Elementi license is a 'single node' license, and can be activated on a single PC.

**Step 1** Release: select *Licenses* (under Help menu), press *Release* (button) to release license

Step 2 Uninstall

License is ready to be activated on a new PC.

### Reactivation

For security and product quality reasons, the license needs to be reactivated regularly.

### **Update Plan**

Our Update Plan offers immediate access to all Elementi updates. Elementi license comes with a 1 year Update Plan. At the end of this period, you can purchase an Update Plan Extention associated with that license.

# Support

SpinetiX provides the following Elementi support:

# **Sample Projects**

The sample projects are included within Elementi. They can be used to learn, and test most of the features, including user roles in Elementi M. Please note that the images included in these projects cannot be commercially used.

# **Support Wiki**

There is Elementi Wiki support available under **support.spinetix.com/wiki/elementi**, as well as general technical support under **support.spinetix.com/wiki**.

# **Video Tutorials**

Elementi video tutorials are made available throughout the Elementi Wiki support page.

# Glossary

**Activation** License validation procedure

**Assets** User file repository

**Box Format** Visual effect applied to media or text box

**Browse panel** File repository

**Clock** Analogue and digital clock widget

**Collection** Folder

**Devices** SpinetiX HMP devices, USBs and publish locations

**Edit panel** Properties, layout, playlist and schedule editing

**Effect** Animation applied to media

**Full Screen** Viewing content shown in the Preview panel over an entire screen

**Highlight** Animation of media on the spot

**HMP** Hyper Media Player

ImportBringing files from any location to a projectIn EffectEffect that controls how media appears

**Interactivity** Widgets used to establish a response to user action **Layer** Transparent and stackable sheet-like media placeholder

LayoutMedia arranged in a particular wayLayout Master FileFile that allows viewing a layout (index.svq)

**Locale** Parameters that define date and time format depending on user language, country, etc.

**Master File** File that allows viewing a project (index.svg)

**Mat** Background of a selection

Media Text, image, video, streaming, layout, playlist, etc. Multiscreen Project for multiple synchronized displays **Out Effect** Effect that controls how media disappears **Padding** Space between media and selection **Playlist** A list of items that plays in sequential order **Playlist Master File** A File that allows viewing a playlist (playlist.svg) **Preview panel** Viewing project, layout and playlist panel Files put together to create digital signage content **Project** 

**Projects** Repository of all projects

PublishAction of copying project to deviceReactivationLicense revalidation procedureMedia PropertyParameter applied to media

**Schedule Panel** Assigning the time slot for media (except text) to play at a particular time, or with certain recurrence

Selection Area surrounding media
Smart Text Text effect
Target Device Device to publish project to

**Timeline** A visual representation of a media start and end play time **Tooltip** Message that appears when hovering the cursor over an icon

**Transition** Motion effect applied between media

URIUnique Resource Identifier used to identify mediaUser RoleEditing and publishing restrictions per user

**Widget** Widgets are ready to use digital signage components.