

FOR DEVELOPERS

LANGUAGES & LIBRARIES

Microsite is compatible with most web technologies:

HTML5

CSS3

JS

jQuery

JSON

CSV

PHP

SVG

XML

BROWSER SUPPORT:

Internet Explorer 11 & Microsoft Edge 9

1. Use -ms- prefixes wherever possible.

Use this resource to quickly auto

prefix CSS: <https://autoprefixer.github.io>

2. Use floats instead of flexbox or CSS Grid for laying out elements.

If you need to use flexbox then consider adding fallbacks:

<https://medium.com/css-mine/flexbox-how-to-deal-with-older-browsers-fbf6eb8c7a65>

3. Do not use SVGs unless necessary, use PNG, or JPG instead.

Wayfinding Systems need to use SVG elements, therefore are limited to certain hardware solutions.

Contact our tech support for more information.

4. Use of newer CSS3 or HTML5 can create unexpected results based on your browser.

When in doubt please check this resource to find out if a CSS/HTML feature you are implementing is supported by IE11: <https://caniuse.com/>

5. Use of z-index takes away point and click editing ability in the microsite for the element that is being overlaid

Google Chrome

-- The ideal browser for all solutions: it supports all advanced features, with only Adobe Flash Player being unsupported.

Chromium / Mozilla

-- Many but not all features are supported identically as Chrome. Some codecs are still being developed, while some features are read differently by the machine. This can rely heavily on code formatting and hierarchy. Case by case solutions are often necessary.

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PLAYER SUPPORT TABLE

Player	UCView SignEdge Player	UCView “Light” Player	Tizen SoC
Description	The standard player runs on Internet Explorer platform. It supports the fundamental features of microsite.	The Light player platform runs on a Chromium engine. It supports the advanced features of microsite.	The Tizen SSP6 is a “system on chip” device. This means the operating system is installed inside the display device. It supports the advanced features of microsite.
HMTL, CSS, JS	✓	✓	✓
jQuery, Json, CSV	✓	✓	✓
PHP, SVG, XML	○	✓	✓
Image Support	✓	✓	✓
Video Support	✓	✓	✓
Read/ Write Data	○	○	○
Overlaying Videos	○	✓	✗
Animation	○	✓	○
SVG Animation	○	✓	✓
Z-index	○	○	○
Flash Support	✓	✗	✗

- ✓ Supported
- Partial Support/ Specific Syntax
- ✗ Not Supported

For extra support you can use these resources to help you code, develop and double check for compatability:

<https://www.caniuse.com> -- A website used to find cross-browser compatability

<https://autoprefixer.github.io> -- A tool used to automatically optimize your code for more browsers.

* Some heavier solutions require a stronger machine and might be limited by the display device's hardware.