



AppViewXS Application Support Note

Browser Compatibility

6/22/2021

Overview

AppViewXS relies on Microsoft browser technology that is at or near its end of life. Specifically, it relies on ActiveX controls and Java applets.

The purpose of this support note is to document what browser environments will be supported for the balance of the life of AppViewXS.

Internet Explorer 11

This is the primary browser environment for AppViewXS. It is fully supported for all features and functionality until Microsoft discontinues its support on June 15, 2022. According to Microsoft documentation, Internet Explorer 11 not only becomes unsupported on Windows 10 on that date, it will also fail to run. Our recommendation is to migrate to one of the supported platforms at your earliest convenience.

<https://docs.microsoft.com/en-us/lifecycle/faq/internet-explorer-microsoft-edge>

Microsoft Edge in Internet Explorer Compatibility Mode

AppViewXS has been fully tested under Microsoft Edge in Internet Explorer Compatibility mode. Going forward, this is the primary supported environment for all AppViewXS features and functionality. More details about compatibility mode can be found at:

<https://www.microsoft.com/en-us/edge/business/ie-mode>

Microsoft Edge in Native Mode

This is the default operating mode for Microsoft Edge. In this mode, Edge does not support Java applets. Therefore, the customization studio, AVXS Application Manager applet and HostUpdateApplet applet will not operate.

The end user AppViewXS applications work in this environment, but there are some subtle differences. One thing we discovered is that Edge seems to have a tighter security restriction when it comes to non-https links contained in a webpage. These links will not display the images without the https protocol.

The solution is to configure Tomcat to use SSL and to configure AppViewXS to use the https protocol. Crystal Point can assist you with this if you need it.

We will provide partial support for end user AppViewXS applications in this environment. If the customer runs into something that does not work because of a defect in AppViewXS, we will repair the defect. We will consult with customers on configuration issues that arrive from using AppViewXS applications work in this environment. However, if something does operate because of a difference between how Internet Explorer works verses Edge Native mode, we will not modify AppViewXS to account for the difference.

Google Chrome

Informal testing suggests that this environment works as well as Microsoft Edge in Native mode. However, it is not thoroughly tested, and it is not a supported environment. Customers can use it at their own risk. If the customer has a problem in Chrome that can be reproduced in one of the supported Microsoft Edge modes, we will fix it to operate in that mode.

We discovered a Chrome addon called IE Tab:

<http://www.ietab.net/>

The customization studio appears to run under this plugin, but it is not a supported configuration.

We were not able to get any of the AppViewXS applets to work with the CheerpJ Applet Plugin.

Other Browsers

No other browsers have been tested. They are not supported or recommended.

Java SE 8

Some mention of Java SE 8 is appropriate here. The customization studio, AVXS Application Manager applet and HostUpdateApplet applet require Java applet support to operate. Java SE 8 is the last version of Java that supports this feature. According to Oracle, Premier support will be available until March 2022, and extended support will be available until December 2030. Please contact Oracle directly for any information on how this affects you.

<https://www.oracle.com/java/technologies/java-se-support-roadmap.html>