## Product requirements for .NET SDKs

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
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</table>
| **Browser**                                   | The following browsers are supported:  
  - Internet Explorer 11.0 or above  
  - Edge  
  - Chrome (latest version)  
  - Firefox (latest version)  
  - Safari latest version on MAC only  

| **MAC OS Scanning**                           | MAC OS scanning requires  
  - OS X Sierra or above  
  - Use of a scanner that is supported by Apple’s Image Capture application. See Apple’s list of [supported scanning devices](https://support.apple.com/en-us/HT203193).                                                                                                                     |
| **Mobile Browsers**                           |  
  - Safari (latest version) on IOS  
  - Chrome (latest version) on Android                                                                                                                                                                                                                                                                                               |
| **Client Operating Systems**                  |  
  - Windows 7 with Service Pack 1  
  - Windows 8.1 (desktop mode only)  
  - Windows 10 (only the builds supported by Microsoft are supported)                                                                                                                                                                                                                                                                  |
| **Server Operating Systems**                  |  
  - Windows Server 2008 R2  
  - Windows Server 2012  
  - Windows Server 2012 R2  
  - Windows Server 2016                                                                                                                                                                                                                                                                                                             |
| **Required/supported 3rd Party Technologies** |  
  DotImage  

See [https://support.microsoft.com/en-us/gp/framework_faq#dotnetpolicyhistory](https://support.microsoft.com/en-us/gp/framework_faq#dotnetpolicyhistory) for more explanation related to Microsoft’s .NET support policy.  

This version of the SDK will support  
  - .Net 3.5 SP1  
  - .Net 4.5.2 and above  
  - ASP.NET Core 1.0 and above  

When using DotImage with .NET 3.5+ the Visual Studio C++ 2008 runtime must be installed.  

When using DotImage with .NET 4.5.2 the Visual Studio C++ 2010 runtime must be installed. |
### Technical Specifications

<table>
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<tr>
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<tr>
<td><strong>Required/supported 3rd Party Technologies</strong>&lt;br&gt;WingScan</td>
<td>WingScan requires the Visual Studio C++ 2015 runtime. This is installed to the application directory automatically when the WingScan service is installed.</td>
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</tbody>
</table>
| **Compatible 3rd Party Technologies – Digital Signature Verification** | The following versions of Adobe Reader/Acrobat can be used to verify digital signatures created by the SDK.  
- Adobe Reader/Acrobat DC  
The following versions are no longer supported:  
- Adobe Reader/Acrobat 10  
- Adobe Reader/Acrobat 11 |
| **Compatible 3rd Party Technologies – Development Environments** | The following development environments are supported:  
- Visual Studio 2010 (.NET 3.5 solutions only)  
- Visual Studio 2012  
- Visual Studio 2013  
- Visual Studio 2015  
- Visual Studio 2017  
The following development environments are no longer supported.  
- Visual Studio 2008 SP 1 |
| **Compatible 3rd Party Technologies – Virtualization** | See the [support statement on virtual computing](#). Scanning in a virtualized environment is not supported for Windows immersive applications such as Microsoft Edge. |
| **Compatible 3rd Party Technologies – Remote Desktop Technologies** | The following Remote Desktop technologies are supported:  
- Citrix XenApp 6.5 and above  
- Citrix XenDesktop 6.5 and above  
- Windows Remote Desktop Services for supported Windows versions.  
Citrix support for scanning requires the Citrix TWAIN Redirection to be enabled. |