



## Hardware and Software Requirements

MAPCON Lite and Pro Versions have the same requirements

<b>Workstations</b>																													
Operating System	<ul style="list-style-type: none"> <li>Microsoft Windows 7, 8, and 10 (32 or 64 bit)</li> <li>Apple Mac OS</li> <li>Browser Version: Chrome 4+, Internet Explorer 9+, Firefox 2+, Edge 2+, Safari 3.1+, Opera 9+</li> </ul>																												
Java Environment	<ul style="list-style-type: none"> <li>Oracle Java Development Kit (JDK) or Java Runtime Environment (JRE) version 8 or the MAPCON JDK (recommended)</li> <li>Browser Version: No Java Runtime Environment (JRE) required</li> </ul>																												
Memory	<ul style="list-style-type: none"> <li>Minimum of 512 Megabytes</li> </ul>																												
<b>Smartphones and Tablets</b>																													
Operating System	<ul style="list-style-type: none"> <li>iOS and Android</li> <li>iPhones, iPads, Android Phones and Tablets</li> </ul>																												
Camera	<ul style="list-style-type: none"> <li>Rear facing camera for Barcode reading and attaching pictures</li> </ul>																												
<b>Servers (Self-Hosted only)</b>																													
Operating System	<ul style="list-style-type: none"> <li>Microsoft Windows Server 2012/2016/2019 (32/64bit) R2 versions are supported (64bit recommended)</li> <li>Virtual Servers supported with the above operating systems</li> <li>Microsoft .Net Framework 4.6.2+</li> </ul>																												
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Servlet Runner	<ul style="list-style-type: none"> <li>Apache Tomcat version 7 (Supplied by MAPCON)</li> </ul>																												
Database	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2012/2014/2016/2017 (Express, Standard or Enterprise), R2 versions are supported – MAPCON can provide SQL Express if necessary.</li> </ul>																												
Server Memory (GB) with remote SQL	<table border="1"> <thead> <tr> <th>Concurrent Users</th> <th>1-5</th> <th>5-10</th> <th>10-20</th> <th>20-30</th> <th>30-40</th> <th>40-50</th> </tr> </thead> <tbody> <tr> <td>Minimum</td> <td>4</td> <td>8</td> <td>12</td> <td>16</td> <td>20</td> <td>24</td> </tr> <tr> <td>Recommended</td> <td>6</td> <td>12</td> <td>16</td> <td>20</td> <td>24</td> <td>28</td> </tr> <tr> <td>Browser Mode</td> <td>+3</td> <td>+6</td> <td>+12</td> <td>+18</td> <td>+24</td> <td>+30</td> </tr> </tbody> </table>	Concurrent Users	1-5	5-10	10-20	20-30	30-40	40-50	Minimum	4	8	12	16	20	24	Recommended	6	12	16	20	24	28	Browser Mode	+3	+6	+12	+18	+24	+30
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Server Memory (GB) with Local SQL	<table border="1"> <thead> <tr> <th>Concurrent Users</th> <th>1-5</th> <th>5-10</th> <th>10-20</th> <th>20-30</th> <th>30-40</th> <th>40-50</th> </tr> </thead> <tbody> <tr> <td>Minimum</td> <td>6</td> <td>12</td> <td>16</td> <td>20</td> <td>24</td> <td>28</td> </tr> <tr> <td>Recommended</td> <td>8</td> <td>16</td> <td>20</td> <td>28</td> <td>32</td> <td>40</td> </tr> <tr> <td>Browser Mode</td> <td>+3</td> <td>+6</td> <td>+12</td> <td>+18</td> <td>+24</td> <td>+30</td> </tr> </tbody> </table>	Concurrent Users	1-5	5-10	10-20	20-30	30-40	40-50	Minimum	6	12	16	20	24	28	Recommended	8	16	20	28	32	40	Browser Mode	+3	+6	+12	+18	+24	+30
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