

# Koverfax ControlSuite

## Server requirements

Shape Australia Pty Limited Office will be required to provide server platforms as per the following specifications (all servers are 64-bit unless otherwise stated):

Server Components	Software Platforms	Recommended Hardware Platforms
Core Accounting Server (CAS) Device Control Engine (DCE) Device Monitoring Engine (DME) Scan Processing Engine (SPE)	<ul style="list-style-type: none"> <li>Windows Server 2012 R2, 2016 and 2019</li> <li>SharePoint Server 2010, 2013 and 2016</li> <li>RightFax Server 9.4 and higher</li> </ul>	<ul style="list-style-type: none"> <li>Processor: 4 x 2 GHz or greater</li> <li>Memory: 4 GB or greater</li> <li>Hard disk: 2 GB or greater</li> </ul>
Device Control Engine (DCE)	<ul style="list-style-type: none"> <li>Windows Server 2012 R2, 2016 and 2019</li> <li>SharePoint Server 2010, 2013 and 2016</li> <li>RightFax Server 9.4 and higher</li> </ul>	<ul style="list-style-type: none"> <li>Processor: 4 x 2 GHz or greater</li> <li>Memory: 6 GB or greater</li> <li>Hard disk: 2 GB or greater</li> </ul>
Document Routing Engine (DRE) Print Server <i>– with Rules and Routing or Secure Document Release</i>	<ul style="list-style-type: none"> <li>Windows Server 2012 R2, 2016 and 2019</li> <li>SUSE Linux SLES 11 SP3 for Novell OES 2015</li> <li>SUSE Linux SLES 11 SP4 for Novell OES 2015 SP1</li> <li>Red Hat Enterprise 7.0 and 7.2</li> </ul>	<ul style="list-style-type: none"> <li>Processor: 2 GHz or greater</li> <li>Memory: 4 GB or greater</li> <li>Hard disk: 2.2 GB + allocation for print jobs</li> </ul>
Core Accounting Server (CAS) <i>– Database</i>	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2012 and 2012 Express</li> <li>Microsoft SQL Server 2014 and 2014 Express</li> <li>Microsoft SQL Server 2016 and 2016 Express</li> <li>Microsoft SQL Server 2017 and 2017 Express</li> <li>Oracle® 11g R2, 12c</li> </ul>	<ul style="list-style-type: none"> <li>Processor: 2 GHz or greater</li> <li>Memory: 4 GB or greater</li> <li>Hard disk: 2.2 GB or greater</li> <li>Hard disk: 2.2 GB required for SQL Server 2012 or greater</li> </ul>
Core Accounting Server (CAS) Device Control Engine (DCE) Device Monitoring Engine (DME) <i>– Cluster Server</i>	<ul style="list-style-type: none"> <li>Windows Server 2012 R2 failover cluster</li> <li>Windows Server 2012 R2, 2016 and 2019 Hyper-V cluster</li> </ul> <p>Note: CAS cannot be installed on the same cluster node with DCE.</p>	<ul style="list-style-type: none"> <li>Processor: 4 x 2 GHz or greater</li> <li>Memory: 6 GB or greater</li> <li>Hard disk: 2 GB or greater</li> </ul>
Document Routing Engine (DRE) Print Server <i>– Cluster Server</i>	<ul style="list-style-type: none"> <li>Windows Server 2012 R2, 2016 and 2019 Hyper-V cluster</li> </ul>	<ul style="list-style-type: none"> <li>Processor: 2 GHz or greater</li> <li>Memory: 4 GB or greater</li> <li>Hard disk: 1 GB + allocation for print jobs</li> </ul>
Device Web Server (DWS) Device Control Server (DCS)	<ul style="list-style-type: none"> <li>Windows Server 2012 R2, 2016 and 2019</li> </ul> <p>Note: DWS must be installed on the same machine as DCE.</p>	<ul style="list-style-type: none"> <li>Processor: 4 x 2 GHz or greater</li> <li>Memory: 4 GB or greater + 2GB dedicated to DWS</li> <li>Hard disk: 2 GB or greater</li> </ul>
System Manager Accounts Manager Department Manager Reports Manager Release Station	<ul style="list-style-type: none"> <li>Windows Server 2012 R2, 2016 and 2019</li> <li>Windows 7 Professional/Enterprise/Ultimate (32/64-bit)</li> <li>Windows 8.1 Professional/Enterprise (32/64-bit)</li> <li>Windows 10 (32/64-bit)</li> </ul>	<ul style="list-style-type: none"> <li>Processor: 2 GHz or greater</li> <li>Memory: 4 GB or greater</li> <li>Hard disk: 50 MB or greater</li> </ul>

Server Components	Software Platforms	Recommended Hardware Platforms
Device Monitoring Console		
Workstation Client Print Assistant (Equitrac Express feature)	<ul style="list-style-type: none"> <li>Windows 8.1 Professional/Enterprise (32/64-bit)</li> <li>Windows 10 (32/64-bit)</li> <li>Citrix /Remote Desktop Services</li> <li>Mac OS 10.12 to 10.15</li> </ul>	<ul style="list-style-type: none"> <li>Processor: 2 GHz or greater</li> <li>Memory: 4 GB or greater</li> <li>Hard disk: 50 MB or greater</li> </ul>

Domain account with local administrative rights on the proposed server.

For all software platforms please ensure that the latest service packs are applied.

## Web Client requirements

Server Components	Software Platforms	Recommended Hardware Platforms
Server Requirements	<ul style="list-style-type: none"> <li>Windows Server 2012 R2 (64-bit with IIS 8.0 and .NET 4.5)</li> <li>Windows Server 2016 and 2019 (64-bit with IIS 10.0 and .NET 4.6)</li> </ul>	<ul style="list-style-type: none"> <li>Processor: 2 GHz or greater</li> <li>Memory: 4 GB or greater</li> <li>Hard disk: 2 GB or greater</li> </ul>
Supported Web Browsers	<ul style="list-style-type: none"> <li>Latest version of Google Chrome</li> <li>Internet Explorer 11</li> <li>Microsoft Edge (for Windows 10)</li> <li>Mac Safari</li> <li>Note: Supported browsers must have JavaScript and cookies enabled. In Internet Explorer, the Web Client root URL must be added to the Trusted Sites list.</li> </ul>	
Additional Requirements for Web Deposit (Equitrac Express feature)	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2008 / 2008 Express SP3 (or higher)</li> <li>Microsoft SQL Server 2008 R2 / 2008 R2 Express SP1</li> <li>Microsoft SQL Server 2012 / 2012 Express</li> <li>Microsoft SQL Server 2014 / 2014 Express</li> <li>Microsoft SQL Server 2016 / 2016 Express</li> <li>Equitrac External Data Connector license for each server offering Web Deposit services</li> </ul>	

### OTHER SYSTEM CONSIDERATIONS:

- For all software platforms, ensure that the latest service packs are applied.
- High printing volumes and/or large installations may require substantially higher performance hardware.
- Users/Site Network Administrators are responsible for securing Microsoft Client Access Licenses as required.
- x86 refers to 32-bit architecture; x64 refers to 64-bit architecture (IA64 chip set is not supported).
- Tracking Direct IP Printing via DRC is not supported on Citrix/Terminal Server.
- Windows Server 2008 Server Core and Windows Server 2012 Server Core are not supported.
- The default communication between the Client web browser and the IIS server is unencrypted, therefore, Equitrac recommends implementing Secure Socket Layer (SSL) security on the IIS server to ensure that all communication is encrypted and secure. Purchase an SSL certificate from a trusted Certificate Authority (CA), and install it on the IIS server. The CA can be a locally implemented Microsoft Enterprise CA or a third party CA. Refer to your certificate provider's documentation for complete installation and deployment.
- LPR and CUPS are supported on Red Hat print servers.

**NOTE:** The system operating requirements are updated regularly. Please refer to the latest Equitrac ControlSuite Foundations SMB Technical Specifications document available from the Kofax Partner Portal for the most up-to-date information.

#### DATABASE REQUIREMENTS

All Equitrac ControlSuite Foundations SMB installations require at least one Core Accounting Server (CAS) that connects to a preinstalled database.

Two-way trust is required when the CAS and database servers are on different domains. The SQL Server or Oracle database can be on a separate domain from the CAS server, however, two-way communication between domains is required in order for information to be added to the database (e.g. users, departments, billing codes), and for reporting purposes.

Microsoft indicates that the maximum size of a SQL 2012 Express Edition database is 10 GB. If you are deploying Equitrac ControlSuite Foundations SMB to support a large number of users (>1000) and anticipate a large volume print and copy jobs (>10 million pages per year) considering implementing a Microsoft SQL Server or Oracle database only.

#### VISUAL STUDIO 2015 REQUIREMENTS

Equitrac ControlSuite Foundations SMB Server and Client installers use Windows 10 Universal CRT for Visual Studio 2015. Universal CRT is a Windows OS component that enables C Run-time Library (CRT) functionality on Windows operating systems and must be installed prior to installing Equitrac ControlSuite Foundations SMB on a non-Windows 10 OS (such as Windows 7, 8.0, 8.1, Server 2008, 2008 R2, 2012, and 2012 R2). .Net Framework 4.6.1 is also a requirement for some ControlSuite components.

The installer checks if the Universal CRT is installed, and if it is not found, an error message pops up, and the installation stops. The error message displays the URL to where the Universal CRT can be downloaded from.