

Imaging Engine 18.1 Powered by Adobe® System Requirements

The following are the minimum system requirements for Imaging Engine 18.1 Powered by Adobe®. Exceeding these requirements will in most cases lead to a performance increase. Running Imaging Engine Powered by Adobe® on a system that does not meet these requirements is not supported.

Information on additional Imaging Engine Tools

The following tools can also be installed on the same system:

- Curve Pilot (which can include PressSync Pilot and/or Print Control Wizard)
- HDFlexo Screens
- Screen Manager
- Bitmap Viewer (32-bit or 64-bit)



You can also install these tools on a separate system, see [here](#) for the minimum system requirement for these tools.

System Requirements	
Applies to	Imaging Engine Powered by Adobe®
Version	18.1
Last revised	11 Mar 2019

Useful Links

For installation and user guide, movies, Knowledge base articles, downloads and other support request: <https://www.esko.com/en/support/>

Minimum requirements

Minimum System Requirements for Imaging Engine 18.1.0 Powered by Adobe®	
Processor type and speed	Only 64-bit compatible processor (Intel® or AMD®), minimal dual-core, recommended dual quad-core.
RAM	4GB RAM per worker.  For more info about memory limitations in Windows operating systems, please consult this table .
Hard disk	<ul style="list-style-type: none"> • The installation takes up 20 GB of disk space. • An NTFS volume is required. • Take into account the need for storage of temporary and production data: Imaging Engine can take 200GB or more temporary hard disk space. • A back-up solution is strongly advised.
Network	10/100/1000 Base-T Ethernet, TCP/IP v4 protocol, TCP/IP v6 protocol is not supported.
Graphics and video	Minimum 1280 x 1024 screen resolution, true color depth.
Virtualization	<ul style="list-style-type: none"> • VMware ESX version • Microsoft Hyper-V <p>Hardware connections, including dongles, proofers, spectrophotometers and others may work, but are not supported. Customers should verify hardware support through their virtualization support channels.</p>
File servers	<p>All Esko applications running on Windows OS can use data that is available on network shares. These shares need to be on Windows file servers. We recommend to use Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016 or Windows Server 2019 as file server.</p>  As only Windows file servers are supported, Mac OS X or Unix/Linux (CIFS/SMB or NFS) data servers for instance are not supported (including many Network Attached Storage units).

Setup Guideline in relation to Automation Engine and Proof Server

Imaging Engine and Automation Engine must run exactly the same version (e.g. 18.0.0).
Proof Server must run a similar version as Automation Engine (e.g. 18.0.*)

Number of workers for Imaging Engine is limited by both:

- Number of worker licenses.
- Number of available cores to Imaging Engine.

To guarantee minimal resources:

- Automation Engine (or Automation Engine assistant) requires at least one core.
- Proof Server requires at least two cores.

Therefore:

Number of available cores to Imaging Engine	When Automation Engine (or Automation Engine assistant) does not run on the machine	When Automation Engine (or Automation Engine assistant) runs on the machine
When Proof Server does not run on the machine	Number of available cores on the machine	Number of available cores on the machine - 1
When Proof Server runs on the machine	Number of available cores on the machine - 2	Number of available cores on the machine - 3

Guidelines in relation to Performance

To improve performance, we recommend the following order of choice to install Imaging Engine on:

1. A dedicated defragmented hard disk.
2. A dedicated hard disk.
3. A defragmented hard disk.
4. A hard disk with an abundance of free space.

On top of this, we recommend a Solid-State drive (SSD) above a Hard Disk Drive (HDD). Imaging Engine can take up to 200GB or more temporary hard disk space during processing.

Supported Operating Systems



Recommended operating systems are highlighted in green in the tables below.



If an operating system is not listed in the tables below, it is not supported. Do not try to install Imaging Engine Powered by Adobe® on a computer running an unsupported operating system.

Windows Server 2019

Edition	64-bit
Windows Server 2019 Standard	✓
Windows Server 2019 Datacenter	✓
Windows Server 2019 Essentials	✗

Windows Server 2016

Edition	64-bit
Windows Server 2016 Standard	✓
Windows Server 2016 Datacenter	✓

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Windows Server 2016 Essentials	✘
Windows Storage Server 2016	✘

Windows Server 2012 R2

Edition	64-bit
Windows Server 2012 R2 Standard	✔
Windows Server 2012 R2 Datacenter	✔

Windows Server 2012

Edition	64-bit
Windows Server 2012 Standard	✔
Windows Server 2012 Datacenter	✔

Windows Server 2008 R2

Edition	64-bit	
		SP1
Windows Server 2008 R2 Standard	✘	✔ (*)
Windows Server 2008 R2 Enterprise	✘	✔ (*)
Windows Server 2008 R2 Datacenter	✘	✔ (*)

(*)

Windows Server 2008 R2 (all editions) is no longer supported for new installations as of Imagine Engine 18.0.1

Upgrading an existing Imagine Engine Server to Imagine Engine 18.1 is still possible on Windows Server 2008 R2, but this will become unsupported soon as well.

Additional Supported Operating Systems for Pack Proof

Pack Proof is a version of Imaging Engine that is sold specifically for proofing only solutions. Because Pack Proof is a more restricted version, it can be supported on the "workstation" versions of Windows that are listed below. The full Imaging Engine Server is only supported on the "server" versions of Windows that are listed above.

Windows 10

For more information on Esko products supporting Windows 10 see: [KB170993458: Which versions of Windows 10 are supported?](#)

Edition	32-bit	64-bit
Windows 10 Home	✘	✘
Windows 10 Pro	✘	✔
Windows 10 Enterprise	✘	✔

Additional Supported Operating Systems for Imaging Engine for CDI

Imaging Engine for CDI is a version of Imaging Engine that is sold specifically along with the CDI and is designed just for that purpose. The Imaging Engine for CDI can drive only one device using LEN format, processing only one job concurrently. Because Imaging Engine for CDI is a more restricted version, it can be supported on the "workstation" versions of Windows that are listed below. The full Imaging Engine Server is only supported on the "server" versions of Windows that are listed above.

Windows 10

For more information on Esko products supporting Windows 10 see: [KB170993458: Which versions of Windows 10 are supported?](#)

Edition	32-bit	64-bit
Windows 10 Home	✘	✘
Windows 10 Pro	✘	✔
Windows 10 Enterprise	✘	✔

Windows 8.1

Edition	64-bit
Windows 8.1	✘
Windows 8.1 Pro	✔
Windows 8.1 Enterprise	✔
Windows RT	✘

Windows 8

Edition	64-bit
Windows 8	✘
Windows 8 Pro	✔
Windows 8 Enterprise	✔
Windows RT	✘

Windows 7

Edition	64-bit	
		SP1
Windows 7 Home Basic	✘	✘
Windows 7 Home Premium	✘	✘
Windows 7 Professional	✘	✔
Windows 7 Enterprise	✘	✔
Windows 7 Ultimate	✘	✔

Unsupported Operating Systems

- All 32-bit Windows Systems
- Windows Server 2012 Essentials
- Windows Server 2012 Foundation
- Windows Storage Server 2012 Workgroup
- Windows Storage Server 2012 Standard
- Windows Server 2008 R2 (without Service Pack 1)



Windows 2008 R2 with SP1 is a supported OS for upgrades only (see above).

- Windows Server 2008 (all editions)
- Windows Server 2003 (all editions)
- Windows Vista (all editions)
- Windows 2000 (all editions)

Operating Systems to become unsupported soon

- Windows Server 2008 R2 (all editions)
- Windows 7 (all editions) - For Pack Proof and Imaging Engine for CDI installations

