

# HiCAD

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## Discontinuation of Windows 7 ®

Microsoft will cease the support for Windows by January 2020. Due to compability matters HiCAD 2020 SP2 and HELIOS 2020 SP2 will thus be the final versions of our CAD and PDM systems which support Windows ® 7. The corresponding server operating systems (Windows Server 2008 R2 or older) will then no longer be supported either.

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## HiCAD Compatibility Matrix

### Operating Systems

	HiCAD 2019	HiCAD 2018	HiCAD 2017	HiCAD 2016
Windows 10, 64 Bit				
Windows 8.1, 64 Bit				
Winndows 8, 64 Bit				
Windows 7, 64 Bit				

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### PDM Systems

	HiCAD 2019	HiCAD 2018	HiCAD 2017	HiCAD 2016
HELiOS 2019				
HELiOS 2018				
HELiOS 2017				
HELiOS 2016				
HELiOS 2015				
HELiOS 2014				

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### Couplings

	HiCAD 2019	HiCAD 2018	HiCAD 2017	HiCAD 2016
LogiKal 11				
LogiKal 10				
LogiKal 9				
PartSolutions 10.0				
PartSolutions 9.8				
PartSolutions 9.7				
PartSolutions 9.5				
PartSolutions 9.0				
PartSolutions 8.0				
KISSsoft 03/2017- 03/2014				
CADClick 3.0				as of SP2

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## Microsoft Office\*

	HiCAD 2019	HiCAD 2018	HiCAD 2017	HiCAD 2016
Microsoft Office 2016				
Microsoft Office 2013				
Microsoft Office 2010				
Microsoft Office 2007				

\* In conjunction with VBA limitations may occur here.

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## Browser

	HiCAD 2019	HiCAD 2018	HiCAD 2017	HiCAD 2016
Internet Explorer 9 - 11				
Edge				
Mozilla Firefox 31 - 60				
Google Chrome 37 - 66				

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## System and hardware requirements

It is our aim to provide an unrivalled service to our clients. Workstations and monitors can be supplied together with our software as a turnkey system. This option ensures the optimum configuration for your ISD software. Our own technical teams are there to guide you through installation and implementation. We promise to achieve the best possible configuration with the hardware components of your choice.

Minimum Hardware Requirements	
Computer	<ul style="list-style-type: none"> <li>You can use any hardware provided with current drivers for the installed operating system.</li> <li>Please note, that for example the graphics drivers supports the complete open-GL command set.</li> <li>Internet Connection and a drive for the installation medium</li> </ul>
Processor (CPU)	Intel or AMD processor with SSE2 support
Main memory	4 GB RAM To achieve optimal performance for large assemblies, the system should possess significantly more main memory than is considered sufficient for HiCAD at first glance. This enables the hard disk accessing operations Buffer memory, Undo and Switch drawing to be performed up to 4 times faster
Hard disk	Approx. 10 GB free disk space
Graphics board	Fully OpenGL 2.0-capable graphics board with 128 MB RAM or more. You can use the <a href="#">OpenGLCapabilityTester</a> to check whether the OpenGL capabilities of your computer are sufficient for HiCAD.
Screen resolution	1280x1024
Operating system	see <a href="#">Compatibility Matrix</a>
Other	For the output of reports, e.g. Sheet Metal cost calculations, you require Microsoft Office Version 2010 or higher.

### Example of a suitable hardware equipment for HiCAD

Computer	Fujitsu Desktop ESPRIMO P958/power
Processor (CPU)	Intel® Core™ i7-9700-Processor, 12 MB, 3.00 GHz to 4.7 GHz or equivalent processor  <div style="border: 1px solid black; padding: 5px;"> <p>SingleCore Benchmarks that can be found on various websites may help you with the choice of the processor.</p> <p>An example: <a href="https://www.cpubenchmark.net/singleThread.html">https://www.cpubenchmark.net/singleThread.html</a></p> </div>
Main memory	4 x 8 GB, DDR4, 2.400 MHz (incl. ECC)  <div style="border: 1px solid black; padding: 5px;"> <p><b>Please note:</b> If you are working with very large CAD models we recommend using computers with a large amount of RAM.</p> </div>
Hard disk	1 x 512 GB, SSD SATA III Premium bay, 2,5 Zoll
Graphics board	NVIDIA Quadro P1000 (4 GB) oder AMD WX3100 (4 GB)
Screen resolution	1920x1080 (Full HD)  <div style="border: 1px solid black; padding: 5px;"> <p>When working with a high screen resolution, scaling of text ("Make text bigger") is not recommended.</p> </div>
Operating system	Microsoft Windows 10 (64 Bit)
Other	Microsoft Office Version 2010 or higher

#### Attention

- To establish the connection to the Sentinel License Server the UDP Port 5093 for incoming and outgoing connections needs to be enabled for the Firewall of the License Server; for the Windows Firewall the Port is automatically enabled by activating the

- corresponding option in the installation program of the License Server.
- For Network Licenses the operating systems listed on the [System and Hardware Requirements: License Server](#) page can be used.
  - Internet access is required for the computer/server on which the licenses are managed!
  - If you use a 64Bit version of HiCAD (2011) the Hardlock can no longer be used as selector of the license file due to missing driver support!
  - If you wish to use HELiOS you will also need one of the database systems listed on the [System and Hardware Requirements: HELiOS Desktop](#) page.