

# PointOut

software follows structure

## System Requirements [1.6]

(31.05.2017)

Distribution: PointOut Homepage [www.pointout.de](http://www.pointout.de)

## System Requirements [1] PointOut Version (1/1)

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### [1] PointOut Version

- Currently we recommend to use PointOut version 14.04.02.01
- System requirements for PointOut depend from the version in use.  
The following system requirements are related to the PointOut version recommended above.



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## System Requirements [2] Server (1/3)

### [2.1] Database Server

#### Hardware:

- min. 1 up-to-date Intel QuadCore Xeon® CPU or comparable server architecture
- main memory min. 4 GB
- option for memory extension

recommended: 2 up-to-date Intel QuadCore Xeon® CPUs

recommended: 32 GB

#### Operating system:

- 64 bit version

#### Oracle:

- See 5.1: Supported Versions

## System Requirements [2] Server (2/3)

### [2.2] Webserver

#### Hardware:

- min. 1 up-to-date Intel QuadCore Xeon® CPU or comparable server architecture
- main memory min. 4 GB

recommended: 2 up-to-date Intel QuadCore Xeon® CPUs

recommended: 16 GB

#### Operating system:

- Windows Server® Standard 2008 R1 (32/64 bit)  
Windows Server® Standard 2008 R2  
Windows Server® Standard 2012 R2
- Net Framework 4.6.2 or above  
recommended:  
Windows Server® Standard 2012 R2

Internet Information Services V7.5

Internet Information Services V7.5

Internet Information Services V8.5

Internet Information Services V8.5

#### Oracle client:

- See 5.1: Supported Versions

## System Requirements [2] Server (3/3)

### [2.3] Terminalserver

#### Hardware:

- min. 1 up-to-date Intel QuadCore Xeon® CPU or comparable server architecture
- main memory min. 4 GB
- required resources for PointOut® application:

recommended: 2 up-to-date Intel QuadCore Xeon® CPUs

recommended: 32 GB

approximately 100-200 MB per session

#### Operating system:

- Windows Server® Standard 2008 R1 (32/64 bit)  
Windows Server® Standard 2012 R2
- .Net Framework 4.6.2

recommended: Windows Server® Standard 2012 R2

#### Software:

- min. Citrix Presentation Server™ 4.5,
- Other pre-required software components see:

max. Citrix XenApp® server

PointOut® client

## System Requirements [3] Client (1/2)

### [3.1] Client (Fat Client / local or network installation)

#### Hardware:

- up-to-date business-PC's or notebooks
- min. 2 GB main memory recommended: 4 GB

#### Operating system:

- Windows 7 recommended
- Windows 10 in preparation
- .Net Framework 4.6.2 or above recommended 4.6.2

**NOTE:** Home Edition not supported by Oracle:  
([https://docs.oracle.com/cd/E11882\\_01/install.112/e47959.pdf](https://docs.oracle.com/cd/E11882_01/install.112/e47959.pdf))

#### Oracle client:

- See 5.1: Supported Versions

#### Software:

- Excel®: min. Office 2007 recommended: Office 2010
- Acrobat Reader® min. V5 recommended: V X

#### Network (Firewall / TNSNames):

- Oracle Client requires access to data base

## System Requirements [3] Client (2/2)

### [3.2] Webclient

#### Hardware:

- up-to-date business PC's or notebooks
- min. 1 GB main memory recommended: 4 GB main memory

#### Software:

- Internet Explorer® min. V8.0 - max. V11.x recommended: V11.0
- Edge last version provided by Microsoft
- Excel®: min. Office 2007, recommended: Office 2010
- Acrobat Reader® min. V5 recommended: V X

#### Access to web server:

- band width required for each active session >> 64Kbit/s recommended: >= 265 Kbit/s



## System Requirements [4] Miscellaneous

### [4.1] Remote Connection

- remote connection through LAN-LAN data link between customer's and mSE network via VPN router

### [4.2] ASP access to PointOut GmbH hosting environment

- internet access  
band width required for each active session >> 64 kbit/s
- local Citrix® client (free of charge allocation)  
or
- access to web application through web server located at PointOut GmbH  
system requirements see web client

## System Requirements [5] Oracle

### [5.1] Supported Versions

Oracle Server	Oracle Client with ASP.NET Provider	ODP.Net
11gR2, 32 or 64 bit (11.2.0.3, 11.2.0.4)	11.2.0.3 – 12.1.0.1 (Webserver only)	managed ODP.NET 12.1.2.0
12c (V12.1.0.1)	12.1.0.1 (Webserver only)	managed ODP.NET 12.1.2.0

Pre-Requisite: Standard Edition - SE ONE only on request

Oracle Client to be installed on Web Server

For support of versions differing from above please contact **mSE** Support prior to installation