

Product Documentation

System Requirements: EGR-OnlinePlanner

1 Minimum Requirements – On Client Side

Processor:	Dual Core 2.0 GHz
Graphic board:	For 3D-View: ATI/AMD, nVidia, 128 MB
Screen resolution:	1280 x 1024 pixels
Browser:	Microsoft Internet Explorer 10 Mozilla Firefox 24 Google Chrome 38 Safari 8 Opera 25
Adobe Flash Player 11	

2 Minimum Requirements – On Server Side

Operating system:	Red Hat Enterprise Linux 6 x86_64 CentOS 6 x86_64
Python (Version 2.7)	
Webserver including Python support (nginx and uwsgi are recommended)	
Database module redis	
SMTP server	

3 Connection to pCon.configurator Online

If the EGR-OnlinePlanner will be used in combination with pCon.configurator online additional requirements must be met.

3.1 Hardware – On Server Side

The hardware needed depends on the data, the usage scenario as well as on the expected amount of users. The more users access the system simultaneously the more powerful the server hardware needs to be for requests to be processed in a reasonable time period.

The following parameters affect the setup of the system:

Processor:	Amount of parallel sessions Number of image calculations Complexity of the OFML data
System memory:	Amount of parallel sessions Amount of OFML catalogs
Hard disk space:	~140 MB for the installation of pCon.configurator Online Session Cache (depending on the amount and the size of the sessions as well as the implementation of the user interface) OFML data Log file (up to several gigabytes) Image Cache (configurable size)
Required packages:	zlib-1.2.3 for /lib64/libz.so.1 libuuid-2.17.2 for /lib64/libuuid.so.1 libjpeg-6b for /usr/lib64/libjpeg.so.62 libtiff-3.9.4 for /usr/lib64/libtiff.so.3 and /usr/lib64/libtiffxx.so.3 libpng-1.2.49 for /usr/lib64/libpng12.so.0 libstdc++-4.4.6 for /usr/lib64/libstdc++.so.6 freetype-2.3.11 for /usr/lib64/libfreetype.so.6
Java 7 Runtime Environment	

3.2 Setup Example

The following setup will be a good solution for an average amount of users (less than 20 users at the same time) and an acceptable time of response:

Processor:	4 Core 3.50 GHz (e.g. Intel® Xeon® E3-1275 v2) or higher
System memory:	32 GB ECC RAM
Hard disk space:	300 GB SAS 6 Gb/s 15000 rpm

Furthermore the server must use a dedicated network interface with a readable MAC address.

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