

# Xilinx ISE and licence:

June 2020

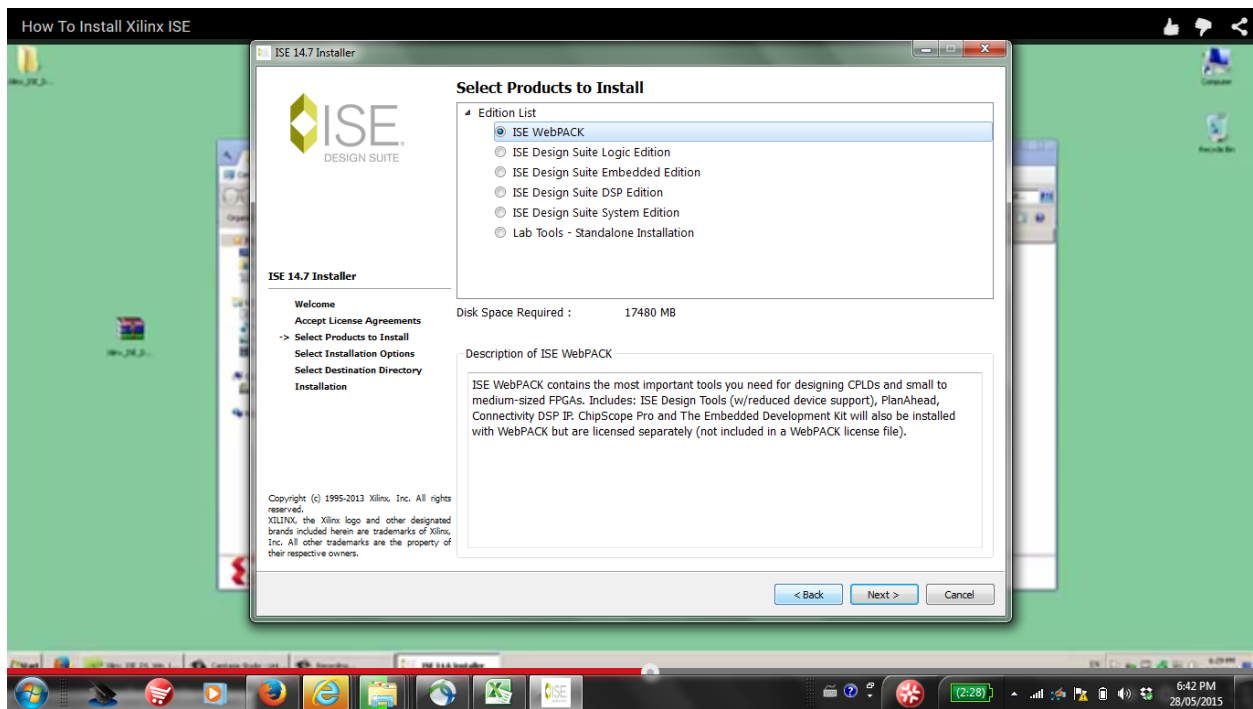
## Xilinx ISE Installation:

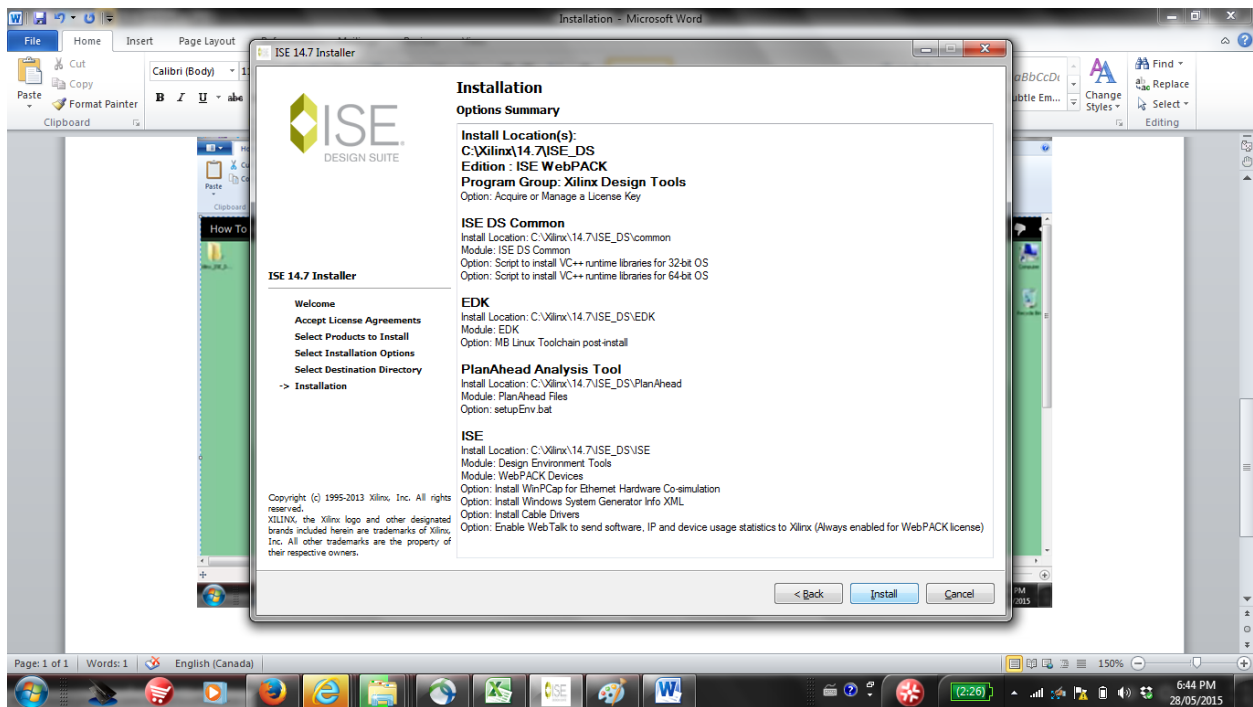
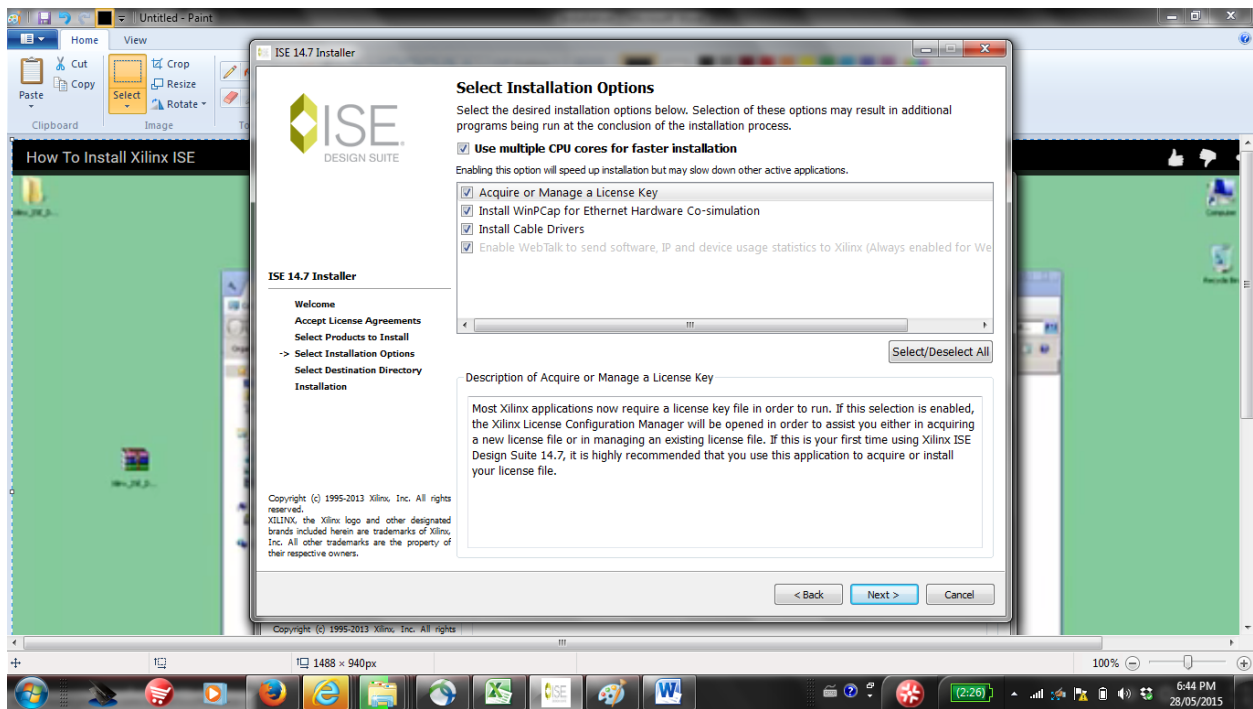
Download the .tar file from:

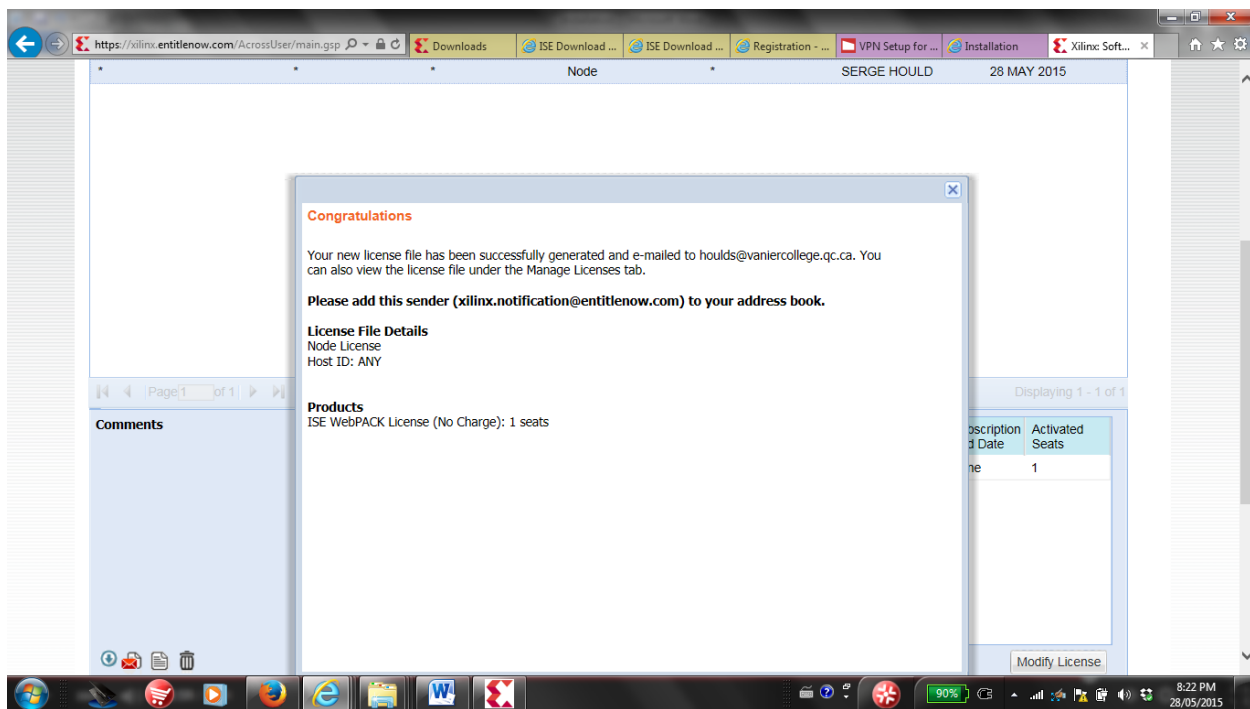
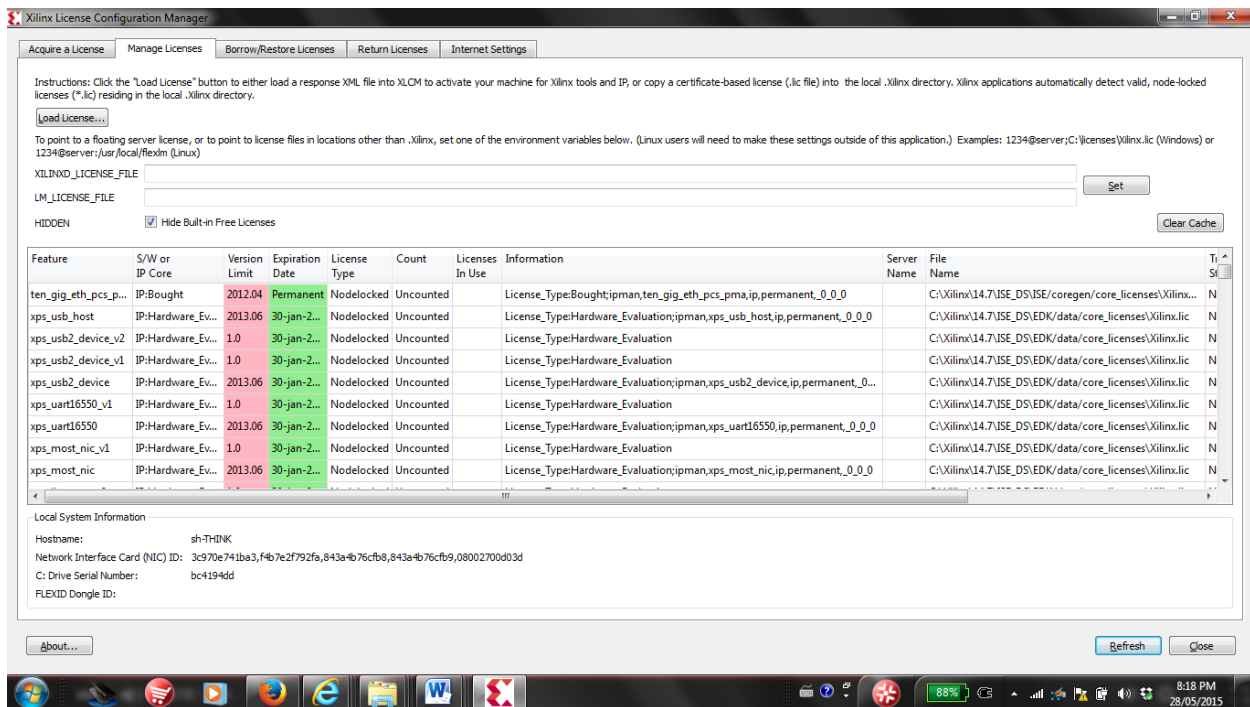
[https://www.dropbox.com/s/3417yt1oz9ddgiv/Xilinx\\_ISE\\_DS\\_Win\\_14.7\\_1015\\_1.tar?dl=0](https://www.dropbox.com/s/3417yt1oz9ddgiv/Xilinx_ISE_DS_Win_14.7_1015_1.tar?dl=0)

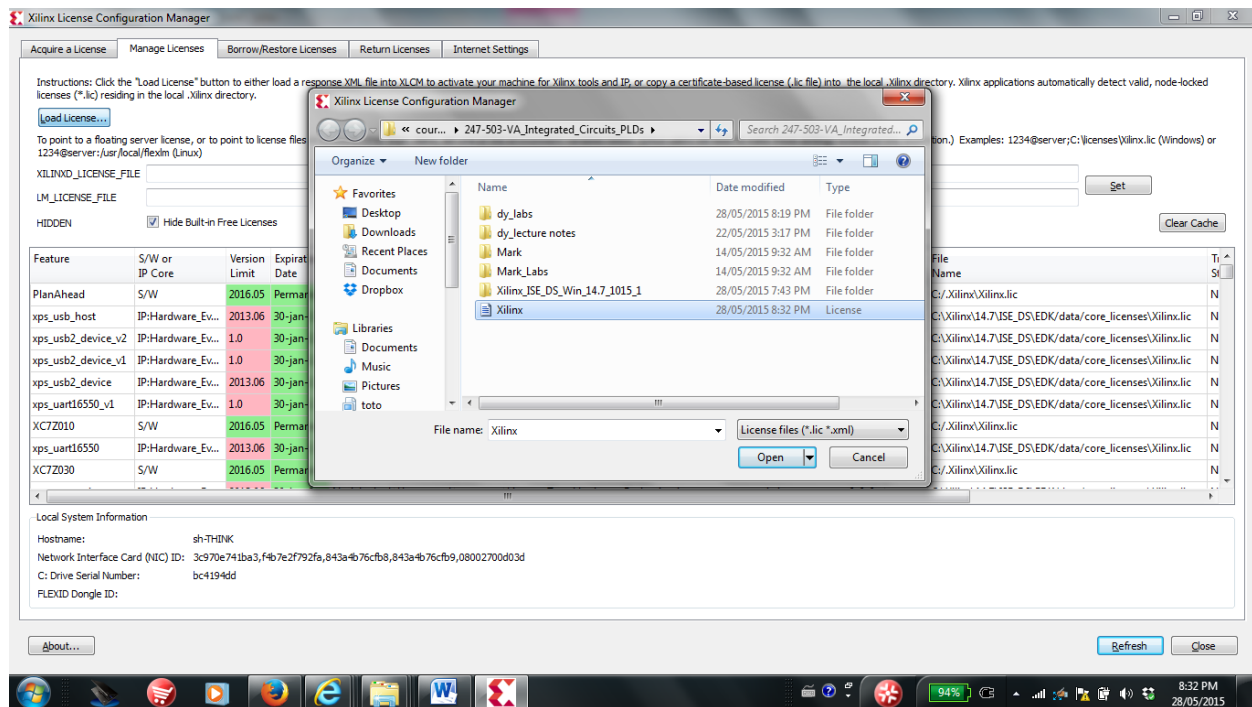
Note: Depending on your internet speed, it takes between 2 minutes and 60 minutes to download the 6 GByte file and it takes an extra 30 minutes to install the ISE.

Also, you need to get the license [Xilinx.lic](#) file from omnivox or Teams (file tab section)









The same license was installed on two different machines without problem!

Date: September 2020

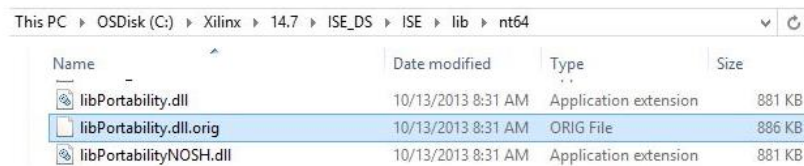
Note:

- ISE suite 14.7 does not work properly: when I try to open a project, the application close (looks like it crashes)
- Solution:

- See the steps below

ISE 14.7 64-bit - Turning off SmartHeap:

1. Navigate to the following ISE install directory: <install\_path>\Xilinx\14.7\ISE\_DS\ISE\lib\nt64\
2. Rename the file "libPortability.dll" to "libPortability.dll.orig".
3. Copy the "libPortabilityNOSH.dll" file to the same folder, and rename it to "libPortability.dll".



Name	Date modified	Type	Size
libPortability.dll	10/13/2013 8:31 AM	Application extension	881 KB
libPortability.dll.orig	10/13/2013 8:31 AM	ORIG File	886 KB
libPortabilityNOSH.dll	10/13/2013 8:31 AM	Application extension	881 KB

4. Repeat steps 1-3 in the following folder: <install\_path>\Xilinx\14.7\ISE\_DS\common\lib\nt64\

The above steps substitute the original "libPortability.dll" with a "libPortability.dll" file that has SmartHeap disabled, the NOSmartHeap (NOSH) version.

This does not negatively impact the operation of the tools, and should successfully work around the ISE 14.7 crash documented above.

- Ref: See

<https://www.youtube.com/watch?v=ttPbEcNjdo8>