

# SIMULIA in the 3DEXPERIENCE Platform

## Questions and Answers

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Summary of Q&A from the Webinar

April 23, 2015

# Question 1

Would like to know if files for simulation are saved inside the model file or as add-on files?

In 3DEXPERIENCE there are no files available to the user directly as different aspects of the simulation are stored as objects. A simulation is broken down into three main objects (Model, Scenario and Results). This makes it easy to template scenarios and share them among users of the platform.

## Question 2

What sort of hardware specs would you need to run smoothly the 3DEXPERIENCE platform?

Hardware needs on the client for 3DEXPERIENCE are the same as CATIA V5, Abaqus CAE, DELMIA V5, etc. More specifications can be found here:

<http://www.3ds.com/support/certified-hardware/>

## Question 3

Is the simulation software able to account for actual drape direction from the ply producability?

Yes producability from the fiber simulation in CATIA Composites can easily be mapped to the simulation.

## Question 4

Does 3DEXPERIENCE substitute CAE...that is, does it have all the spec/details...do we need CAE?

In many cases 3DEXPERIENCE can be used instead of CAE, however, there are still specific areas that have not been added. There are also areas in 3DEXPERIENCE that are not in Abaqus CAE. Please contact Inceptra for additional information.

## Question 5

Is the goal to replace CAE eventually?

3DEXPERIENCE is the platform of the future , however, it is not going to replace CAE immediately. CATIA V5 will be supported and developed out until 2020 and CAE will follow a similar path.

## Question 6

Is 3DEXPERIENCE customizable or are we set to the icons/menus that were show in this presentation?

Yes 3DEXPERIENCE is customizable from a icon, menu and action bar standpoint. (After the webinar we did find out that in coming releases the toolbars will be even more customizable.)

## Question 7

With cloud based tools is it now possible for SME's to lease functionality?

Yes some roles of SIMULIA 3DEXPERIENCE are available on the cloud and can be leased.

## Question 8

Are you going to keep Abaqus CAE?

3DEXPERIENCE is the platform of the future , however, it is not going to replace CAE immediately. CATIA V5 will be supported and developed out until 2020 and CAE will follow a similar path.

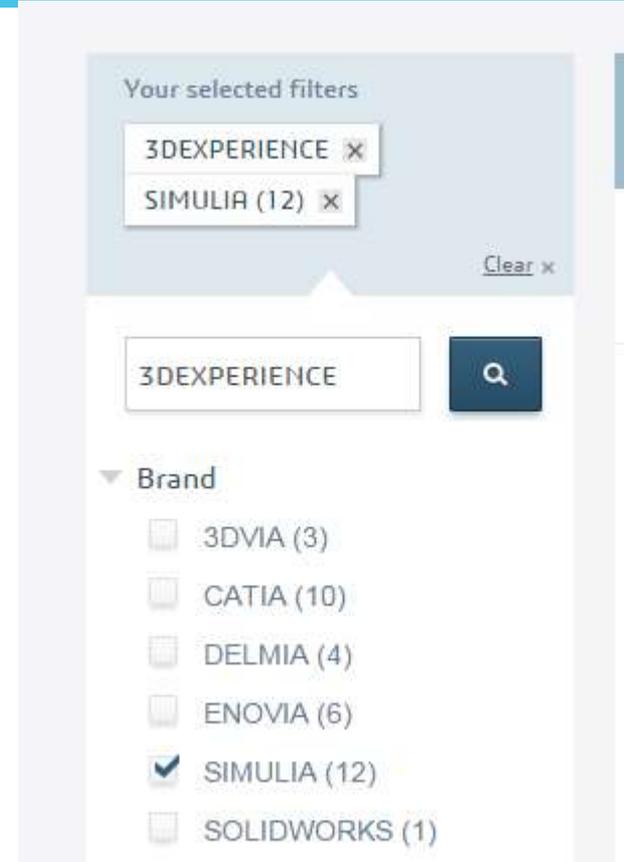
# Question 9

Do you actually have some industrial users? What are their feedback?

Case studies can be found at.

<http://www.3ds.com/customer-stories/all-customer-stories/?brand/simulia/>

Filter them by SIMULIA and 3DEXPERIENCE.



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3DEXPERIENCE 

Brand

- 3DVIA (3)
- CATIA (10)
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- SIMULIA (12)
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# Question 10

Is there scripting and subroutine development capabilities? If yes, what are the programming languages?

3DEXPERIENCE uses CATScript, VBScript and VBA as the most common user language. Advanced programming can be done with C++ to control the API's directly. However, many of the reasons you would script in CAE can be handled via standard knowledgeware apps and user interface in 3DEXPERIENCE without the knowledge of scripting.

Subroutines will be supported in very near future release.

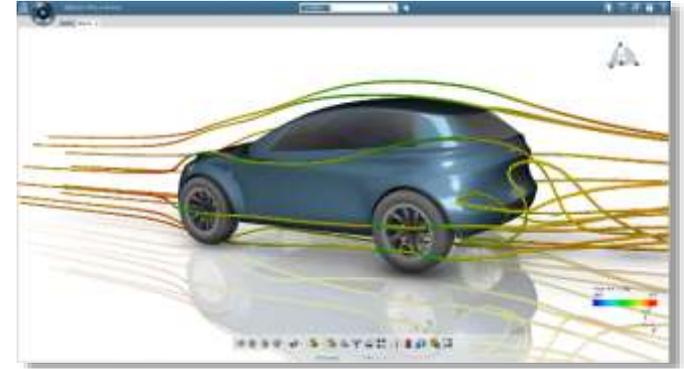
# Question 11

Will you still need to purchase tokens to use more cores?

Some of the roles include a limited number of cores to solve on by default. However, tokens are still the norm to add more solving power.

Inceptra, LLC.

<http://www.inceptra.com>



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