

DEEN
DESIGN + ENGINEERING

Questions & Answers

1. What is DEEN?	4
2. Why was DEEN developed?	4
3. Who should use DEEN?	4
4. Do I need a specific background to work with DEEN?	5
5. Can I install DEEN independently of other BETA software (e.g. ANSA, META)?	5
6. Which software is a prerequisite for DEEN?	5
7. Do I need a special feature in the license file?	5
8. How many credits does DEEN require?	5
9. What do I need to download?	6
10. May I have an evaluation installation of DEEN?	6
<i>** Features subject to change without notice</i>	<i>6</i>

Q&A on DEEN

1. What is DEEN?

DEEN is a desktop application for reviewing CAD models and CAE results databases. It can open databases from some well-known post processors holding model, simulation results and any additional data offering tools to facilitate further the exchange of feedback between the CAD engineer and the analyst. Alternative designs in CAD format can be imported to be compared and discussed. Advanced rendering and virtual reality capabilities are available to have a more realistic glance on the model under the simulated loading conditions. DEEN can also be combined with NEERE to participate in collaboration sessions with colleagues using DEEN or META on the other side.

2. Why was DEEN developed?

DEEN comes to address the designers' need to view CAE results in a friendly and intuitive environment without having to learn a complicated CAE tool. It offers the means to review comments from a colleague, build a thread of comments, and exchange to-do lists directly on the 3D model in a post processor database, without having to reside to lesser solutions of presentations and simple text documents. Furthermore, it brings a way for CAD and CAE engineers to participate in a common session, specially designed to work also with minimum network bandwidth conditions, each with their own tool examining and discussing live on a design. Finally, it provides the capability to have photorealistic rendering of CAD or CAE models and optionally view them in VR in a simple and fast way.

3. Who should use DEEN?

DEEN should be used by engineers, especially CAD engineers but CAE engineers too, who want to view simulation results and review or create

comments on them. For example, CAD engineers who wish to receive feedback from CAE colleagues directly on the 3D model and send back their comments or who wish to have collaboration sessions with them. Through its photorealistic rendering and virtual reality capabilities, DEEN can also be utilized by CAD or CAE engineers who wish to view models under simulated conditions or participate in virtual meetings and discuss about the CAE performance of a design..

4. Do I need a specific background to work with DEEN?

DEEN does not require any engineering background. It is designed to be used not only by CAE engineers but also by anyone exchanging feedback with them.

5. Can I install DEEN independently of other BETA software (e.g. ANSA, META)?

Yes, DEEN is installed and can operate independently of the other BETA products.

6. Which software is a prerequisite for DEEN?

BETA License Manager (BETA_LM version 6.4 and above) should be up and running.

7. Do I need a special feature in the license file?

The required features are:

DEEN.

8. How many credits does DEEN require?

Each active user of DEEN requires 33 credits.

9. What do I need to download?

Only the DEEN installer is required. The installation is independent of the other BETA software products.

10. May I have an evaluation installation of DEEN?

An evaluation installation is available for limited duration. During the evaluation period full support is provided by BETA CAE Systems.

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BETA CAE Systems International AG
D4 Business Village Luzern, Platz 4
CH-6039 Root D4, Switzerland
T +41 41 545 3650, F +41 41 545 3651
ansa@beta-cae.com
www.beta-cae.com

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