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# ENOVIA 3DEXPERIENCE

## License Profiles

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**Contact:** Jon Gable

**Email:** [jgable@adaptivecorp.com](mailto:jgable@adaptivecorp.com)

## Software License Profiles

The 3DEXPERIENCE solution has an entry level license referred to as a “Business & Industry Innovation”. All users have at least the capabilities described in the following diagram. Additional capabilities are provided as more high-level processes are added to the 3DEXPERIENCE implementation.



Figure 1 – 3DEXPERIENCE “Business & Industry Innovation”

The “Business & Industry Innovation” license should be applied for any user that is not involved in the product development projects. This license can be obtained with a 40-hour per month time limit in order to reduce licensing costs. This is plenty of time for users that are not actively creating engineering data and/or participating in the product development projects. This license is required for each physical user accessing the 3DEXPERIENCE solution (e.g. “Named User”).

For the product development projects, there are 3 licenses that contain all of the “Business & Industry Innovation” capabilities, but also provide additional capabilities. These too are “Named User” and described in the diagram below to convey the added functionality each profile provides.

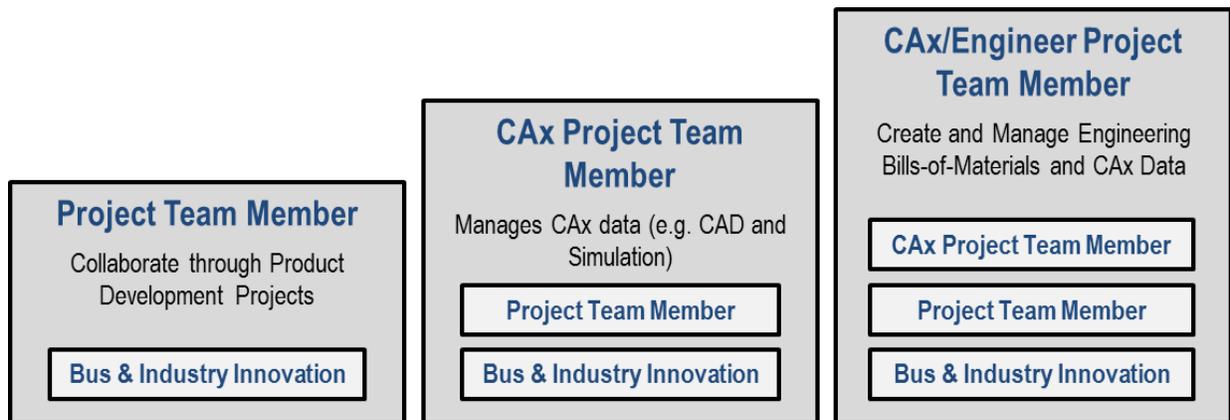


Figure 2 – 3DEXPERIENCE “Project Team Member” Profiles

In order to activate the project management functionality, at least one of these “Project Team Member” profiles, must have a “Project Manager” add-on applied. In addition, users that are responsible for bill-of-material editing, but do not need to manage CAD can get less expensive licensing by adding the “Product Engineer” add-on to a “Project Team Member” profile. There are other add-ons for product planning, requirements management, quality, etc.



The most common software license add-ons to the “Project Team Member” profile for the initial phases of a 3DEXPERIENCE implementation are described in the table below. More advanced add-ons exist for simulation data management and process planning.

License	License Type	Description
<b>Project Manager (DPMX)</b>	Named User	<p>Added to the “Project Team Member”, “CAx Project Team Member”, or “CAx/Engineer Project Team Member” in order to define a new project’s schedule and members.</p> <p>Most companies designate about 10-20% of their users involved in product development projects as project managers.</p>
<b>Product Engineer (PDEX)</b>	Named User	<p>Added to the “Project Team Member” profile in order to provide EBOM editing capabilities without the added cost of licensing CAD management.</p> <p>Note that all users can view the EBOM and initiate change requests with entry level licensing.</p>
<b>Requirements Manager (TRM)</b>	Named User	<p>Added to the “Project Team Member” profile to manage requirements and have them traceable to downstream design work.</p> <p>Note that all users can view the requirements data.</p>
<b>Product Manager (PDM)</b>	Named User	<p>Added to the “Project Team Member” profile to define the product line hierarchy (portfolio) and manage a product’s features and compatibility rules to create variants and custom orders. Includes TRM in order for the same person to be able to manage requirements that are satisfied by the features.</p> <p>Note that all users can view the product line hierarchy, but in order to use the configuration rules to create product variants or orders the CFG or CMM licenses must be added (“Configuration Management” or “Configuration Management for BOM”).</p>
<b>Quality Manager (QUM)</b>	Named User	<p>Added to the “Project Team Member” profile to initiate a CAPA and manage its investigation and resolution.</p> <p>Note that all other users can submit quality issues to be investigated, and any user with a “Project Team Member” profile can participate in the CAPA investigation and resolution.</p>
<b>Quality Document Manager (QUC)</b>	Named User	<p>Added to the “Project Team Member” profile to manage “controlled” documents not associated with the bill-of-material, such as standard operating procedures, with a formal change management process and training tracking.</p> <p>Note that all other users can participate in the change and training processes for controlled documents without having this license.</p>

Figure 3 – 3DEXPERIENCE Licensing Add-ons



The remaining licensing items are needed to administer the system as shown below:

License	License Type	Description
<b>Content Replication Server (XRS)</b>	System	Used to distribute file content to remote sites in order to reduce file upload and download times across the WAN. Typically needed for locations that are doing design work, but should be deployed at any remote site requiring access to larger files.
<b>Customization and Specialization Administrator (TXO)</b>	Named User	Web-based application for most common administration tasks. This is a mandatory license.
<b>Applications Developer (SDV)</b>	Named User	Tool for making changes/extensions to the application schema, and the necessary APIs to integrate 3DEXPERIENCE to other software systems.  If the APIs are not needed, then a simpler license named “Enterprise Modeling Administrator” (EME) can be licensed at a much lower cost. At least EME or SDV is mandatory.

*Figure 4 – 3DEXPERIENCE Administrative Licensing*

Also note that an IT administrator often needs to consume end user license(s) to troubleshoot. This should be considered when determining the final quantity of licenses required. At a minimum, the IT administrator will be assigned a “Business & Industry Innovation” or “Project Team Member” license.

These licenses can be obtained via a subscription of variable term lengths or perpetually. The perpetual license model offers the lowest total cost of ownership. With a perpetual model, the first payment consists of a primary license charge (PLC). There is also an annual license charge (ALC) that is started with the initial PLC purchase and is invoiced yearly thereafter. Payment of the ALC entitles a customer to support services and the latest versions of the purchased license. The applicable price for the ALC for any given year is the price of the previous year plus the last percentage of increase applicable to the license of a DS Offering in a given country (as published at <http://www.3ds.com/terms/price> at least ninety (90) days before renewal date).