

# ENOVIA Collaborative Enterprise Sourcing (CES) Solutions Version 5 Release 18 Product Enhancement Overview

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# CES Enterprise Navigator

## New Functionalities

### Getting Item Totals

This functionality lets you get the total number of items found in a search.

### Category Attribute Search

This functionality lets you do a quick search for categories base on the attributes they possess.

### Reporting Hazardous Materials Data

New reports to let you show HazMat contents of selected items and parts.

# CES Component Introduction Management

## New Functionalities

### Copy item mapping for revisions

An option to choose to retain mapping when introducing single or bulk new components has been added.

# CES Engineering Catalog Navigator

## New Functionalities

### Attribute Based Category Search

The CES catalog may contain a huge number of categories. Keeping track of all the available categories and where they are located within the hierarchy is very difficult. In addition, searching all the categories in the database, when you only need to search one or just a few, is very time-consuming. The Attribute Based Category Search helps you narrow your search field by helping you find the category(ies) you need. You can search for categories based on attribute names, partial or complete category names, or a combination of attribute names and partial category name. For more information, refer to:

- [Attribute Based Category Search](#)

### Login/Logout Panel

The CES Toolbar includes all the necessary button for logging into CES, accessing the CES functionalities, and logging off CES. Until you actually login to CES only the Connect to CES button is enabled. Once you have logged in to CES, the Connect to CES button is disabled and other CES buttons in the toolbar are enabled. When you are finished with your CES session, logout from CES by clicking the Disconnect CES button. For more information, refer to:

- [Accessing CES Functionality](#)
- [Logging in to Enovia V5 VPM in CATIA](#)

## Enhancements

### Customizing the Properties Window

The tabs available in the Properties window can be customized based on the

user group associated with the logged in user. For more information about customizing the Properties view, refer to:

- CES Administration Guide : User Tasks : Customizing CES : Customizing the Properties Window.

# CES Engineering Component Reuse

## New Functionalities

### Introducing, Updating and Synchronizing Generic Parts

Using the CATIA Client, you have the option of introducing generic parts from your V5 catalog, directly into CES. Introducing generic parts directly into the CES database, without having to first add the part(s) to a catalog greatly simplifies the process of migrating your entire V5 catalog into CES. When migrating your catalog into CES, you can migrate multiple part families into a single category, and you can have parts resolved automatically. Once the generic parts are transferred into the CES database, they are available to designers and engineers during the development phase.

After a generic part has been added to the CES database, you may change one or more pieces of data associated with that part. Instead of having to remove the existing part and introduce a new updated part, you can update the existing part.

During the design process you may update numerous parts within ENOVIA V5 VPM/CATIA. Processing each part, would be very time consuming. Instead of having to process each part individually, you can synchronize multiple part families at one time.

For more information about this new functionality, refer to:

- [Introducing a New Generic Part to CES](#)
- [Updating an Existing Generic Part in CES](#)
- [Synchronizing Generic Parts in CES and ENOVIA V5 VPM](#)

### Introducing, Updating and Synchronizing Single Components

CATIA Client lets you introduce generic parts, CATPart files and their

associated design tables, from your V5 catalog, directly into CES. However, you may also need to introduce other types of parts into CES besides generic parts. Single Component Introduction lets you introduce the following to CES as Internal Items:

- CATParts without design tables
- CATParts with Knowledge Templates (also called Features)
- CATProducts (in black box node)
- CATProducts with Knowledge Templates (in black box mode)
- Chapter descriptions

As with generic parts, once you have created a component in CES that part or product can be updated with changes made to the same part or product in ENOVIA V5 VPM. also like the generic parts, you may update numerous single components within ENOVIA V5 VPM/CATIA and synchronize multiple single components at one time.

For more information about this new functionality, refer to:

- [Introducing a Single Component to CES](#)
- [Updating an Existing Single Component in CES](#)
- [Synchronizing Single Components in CES and ENOVIA V5 VPM](#)





# CES Enterprise Catalog Administration

## New Functionalities

### Automatically Update the CES Database

All data model changes made during any main cycle, for example a new release, a service pack, etc. are provided as CES DBLoad files. These changes are distributed with clear demarcation in the package. This process can be carried out manually, but it is difficult and time consuming. To make this process easier, an automated method is provided as a stand-alone tool, CESDBUpdate. For more information, refer to:

- Updating the CES Database Automatically

### Customization of the Properties Window

The Properties window is used to display various tabs containing information on detailed specifications, pricing and availability, manufacturers, suppliers, etc. Not every user in a company needs to view all the available Properties information. Consequently, you can customize the tabs visible in the Properties window, based on the user group with which a user is associated.

- Customizing the Properties Window

### CES Security Control

You want to keep the data in your CES database secure so that information is not lost or stolen. User groups and Approval Settings both provide security for your data. User groups are used to control which users can access certain material or functionality. For example, some users may need to access certain internal item information, but not pricing information. Some engineering users may only be allowed to access approved parts, while others can introduce new, unapproved parts. This can be controlled both through user groups and associated permissions.

CES Approval Settings provide another means of security. The CES Approval Settings at either the user or group level decide the behavior of certain functionalities of CES Approval, and which items are visible to which user. For more information about available security, refer to:

- Managing User Groups
- Permissions Administration
- Approval Settings for Users and User Groups

# Enhancements

## CES Data Model Changes

The CES Data Model has undergone a few changes. For more information, refer to:

- [Changes to the CES Data Model](#)

# CES Enterprise Catalog Installation

## New Functionalities

### Automatically Install Admin Desktop during CES Installation

The CES Administration Desktop can be installed manually, or it can be installed automatically during CES installation. For more information, refer to:

- Installing CES
- Installing CES Administration Desktop
- Enabling the CES Administration Desktop
- Adding Virtual Hosts

## Enhancements

### Synchronizing People and Organizations

The Sync to CES functionality is now accessed through the Search Results : Person window, and not from the Favorites pane. For more information, refer to:

- Synchronizing People and Organizations